

**Course Codes  
and  
Clearing Endorsements**  
(Formerly called Appendix D)

**2018-2019**

**Version 9.1.0  
May 9, 2018**

**Nebraska Department of Education**

**GENERAL INFORMATION**

Nebraska approval regulations (Rule 14) and accreditation regulations (Rule 10) require that certain percentages of F.T.E. (Full Time Equivalency) elementary and middle grade teachers hold appropriate endorsements and that certain percentages of instructional units at the secondary grades be assigned to teachers holding appropriate endorsements. For teachers to be considered appropriately endorsed for their assignments, they must teach the grade levels indicated on their certificate. The grade level designations are shown on the following chart.

Certificate/Endorsement Level

<b>LEVEL</b>	<b>Appropriate for the following grades</b>
00	PK
01	Pre Primary – 3 all schools
02	K-6
03	K-8
04	7-9
05	K-9
06	7-12
07	K-12
08	9-12
09	4-9 This level will be phased out over time. See level 22 (5-9) below.
10	B-12
11	B-K
12	B-3
13	PK-6
14	PK-8
15	PK-12
16	10-12
17	PK-9
18	6-12
19	B-21
20	PK-3
21	B-PK
22	5-9

*The following pages show courses or subjects taught in Nebraska schools and the appropriate endorsements for those subjects or courses. In instances where no specific endorsement is required, the “level” of endorsement must still be appropriate for the assignment.*

The following items describe special cases or circumstances.

**Middle Grades:**

- 1) When grades five through eight are designated as middle grades, either an elementary or a middle level endorsement is appropriate.
- 2) A middle level endorsement clears any subject area and course code for grades 5-9.
- 3) For grades seven and eight, a middle level endorsement or an appropriate secondary endorsement is appropriate.
- 4) Teachers holding an elementary endorsement may teach in grades seven and eight if they acquire six credit hours per year towards a middle level endorsement or if they participate in staff development in accordance with a local mission or plan for education of middle grade students.
- 5) Teachers holding a content area endorsement at the secondary level may teach grade six in that content area if they acquire six credit hours per year toward the elementary or middle level endorsement or participate in staff development in accordance with a local mission and plan for education of middle grade students.
- 6) When grade nine is designated as a middle grade, an appropriate secondary endorsement or a middle level endorsement covers a ninth-grade teaching assignment.
- 7) Secondary teachers may be assigned to integrated courses or curriculum in grades seven through nine if they hold an endorsement for any of the subjects or fields included in the course. See 10.007.02A2A
- 8) Teachers not holding an appropriate endorsement may be assigned to the middle grades if they acquire six credit hours per year towards a middle level endorsement.

**Secondary Grades:**

- 9) In secondary grades, teachers assigned to integrated courses or curriculum are considered appropriately endorsed if they hold an endorsement for any of the subjects or fields included in the course.
- 10) Course descriptions in this manual shown for grades 10, 11, and 12 are intended to describe higher level courses. If, however, the course is taught at a 9<sup>th</sup> grade level, the appropriate middle level endorsement will cover the assignment.

**Elementary Grades:**

- 11) An elementary endorsement is appropriate for courses taught in grades K-8.

## Table of Contents

### **AGRICULTURE, FOOD AND NATURAL RESOURCES**

011000	INTRODUCTION TO AG, FOOD & NATURAL RESOURCES	1
011004	ANIMAL SCIENCE	1
011005	LARGE ANIMAL MANAGEMENT	1
011006	SMALL ANIMAL MANAGEMENT	2
011007	PLANT SCIENCE	2
011008	CROP MANAGEMENT/AGRONOMY	2
011009	AGRIBUSINESS	3
011010	AGRICULTURAL ECONOMICS	3
011011	AGRICULTURAL SALES & COMMUNICATIONS	3
011012	MS INTRODUCTION TO AG, FOOD & NATURAL RESOURCES	4
011015	VETERINARY SCIENCE	4
012001	NURSERY AND LANDSCAPE	4
012002	FLORICULTURE	5
012004	AGRICULTURE BIOTECHNOLOGY	5
012005	AGRIBUSINESS MANAGEMENT AND ENTREPRENEURSHIP	5
013000	ENVIRONMENTAL AND NATURAL RESOURCES	6
013001	WILDLIFE MANAGEMENT	6
013002	ENVIRONMENTAL AND NATURAL RESOURCES MANAGEMENT	6
014000	FOOD SCIENCE AND SAFETY	7
014001	FOOD PRODUCTS AND TECHNOLOGY	7
016000	POWER, STRUCTURAL AND TECHNICAL FOUNDATIONS	7
016003	POWER, STRUCTURAL AND TECHNOLOGY SYSTEMS	8
016004	WELDING	8
016005	METALS AND FABRICATION	8
016006	PRECISION AGRICULTURE AND ENGINEERING	9
017000	AGRICULTURAL LEADERSHIP AND CAREER READINESS	9
018002	CAREERS AND LITERACY OF AGRICULTURE	9
018060	CASE INTRODUCTION TO AGRICULTURE, FOOD & NATURAL RESOURCES	10
018061	CASE PLANT SCIENCE	10
018062	CASE ANIMAL SCIENCE	10
018063	CASE ANIMAL & PLANT BIOTECHNOLOGY	11
018064	CASE NATURAL RESOURCES AND ECOLOGY	11
018065	CASE FOOD SCIENCE AND SAFETY	11
018066	CASE AGRICULTURAL POWER AND TECHNOLOGY	12
018080	FNS - FOOD PRODUCTION, NUTRITION, AND HEALTH	12
018081	FNS - FOOD SCIENCE	12
018082	FNS - NUTRITION SCIENCE	13
019930	AGRICULTURE, FOOD AND NATURAL RESOURCES, OTHER	13
019931	AGRICULTURE, FOOD AND NATURAL RESOURCES, OTHER	13
019932	AGRICULTURE, FOOD AND NATURAL RESOURCES, OTHER	14
019933	AGRICULTURE, FOOD AND NATURAL RESOURCES, OTHER	14
019934	AGRICULTURE, FOOD AND NATURAL RESOURCES, OTHER	14

### **BUSINESS, MARKETING AND MANAGEMENT**

030300	ACCOUNTING	15
030301	ACCOUNTING, ADVANCED	15
030302	COLLEGE PRINCIPLES OF ACCOUNTING	15
030303	COLLEGE PRINCIPLES OF ACCOUNTING II	16
030600	BUSINESS COMMUNICATION	16
030801	FINANCIAL PLANNING	16
030802	INSURANCE	17
030803	FINANCIAL SERVICES	17
030804	COLLEGE FUNDAMENTALS OF FINANCIAL PLANNING	17
030900	BUSINESS LAW	18
030901	COLLEGE BUSINESS LAW	18

031800	BUSINESS ECONOMICS	19
031805	BUSINESS STRATEGIES	19
032300	INTRODUCTION TO BUSINESS, MARKETING & MGMT	20
032350	EXPLORATION OF BUSINESS AND ENTREPRENEURSHIP	20
032370	ENTREPRENEURSHIP	20
032400	COLLEGE INTRODUCTION TO BUSINESS	21
032600	COLLEGE INTRODUCTION TO ENTREPRENEURSHIP	21
032601	COLLEGE ENTREPRENEURSHIP FEASIBILITY STUDY	21
032602	COLLEGE ENTREPRENEURSHIP LEGAL ISSUES	22
032603	COLLEGE MARKETING FOR THE ENTREPRENEUR	22
032604	COLLEGE ENTREPRENEURSHIP FINANCIAL TOPICS	22
032605	COLLEGE ENTREPRENEURSHIP BUSINESS PLAN	23
032802	MANAGEMENT AND LEADERSHIP	23
032803	COLLEGE PRINCIPLES OF MANAGEMENT	23
033000	PERSONAL FINANCE	24
033001	PRINCIPLES OF FINANCE	24
033002	COLLEGE WEALTH BUILDING & FINANCIAL MANAGEMENT	25
033003	COLLEGE INTERNATIONAL FINANCE	25
033004	COLLEGE INTRODUCTION TO INVESTMENT	25
033422	INTRODUCTION TO BUSINESS TECHNOLOGY	26
033501	KEYBOARDING APPLICATIONS	26
034100	BUSINESS IN A GLOBAL ECONOMY	27
038100	MARKETING	27
038101	MARKETING MANAGEMENT	27
038200	ADVANCED MARKETING	28
038201	COLLEGE PRINCIPLES OF MARKETING	28
038500	ADVANCED PLACEMENT MACROECONOMICS	28
038501	ADVANCED PLACEMENT MICROECONOMICS	29
038502	COLLEGE MACROECONOMICS	29
038503	COLLEGE MICROECONOMICS	30
039930	BUSINESS, MARKETING AND MANAGEMENT, OTHER	30
039931	BUSINESS, MARKETING AND MANAGEMENT, OTHER	30
039932	BUSINESS, MARKETING AND MANAGEMENT, OTHER	31
039933	BUSINESS, MARKETING AND MANAGEMENT, OTHER	31
039934	BUSINESS, MARKETING AND MANAGEMENT, OTHER	31

### **CAREER EDUCATION FOUNDATIONAL AND SPECIALTY**

320100	MIDDLE SCHOOL CAREER DEVELOPMENT	32
320101	HIGH SCHOOL CAREER DEVELOPMENT	32
320300	ENGAGE! CAREER EXPLORATION AND READINESS	33
320600	FUNDAMENTALS OF ENTREPRENEURSHIP	33
320700	OTHER WORK-BASED LEARNING CLASS	34
320701	OTHER WORK-BASED LEARNING EXPERIENCE	34
320702	AFNR WORK-BASED LEARNING EXPERIENCE	34
320703	ARCH & CONST WORK-BASED LEARNING EXPERIENCE	35
320704	ARTS, AV & COM WORK-BASED LEARNING EXPERIENCE	35
320705	BUSINESS MGMT WORK-BASED LEARNING EXPERIENCE	35
320706	ED & TRAIN WORK-BASED LEARNING EXPERIENCE	36
320707	ENERGY & ENG WORK-BASED LEARNING EXPERIENCE	36
320708	FINANCE WORK-BASED LEARNING EXPERIENCE	36
320709	GOVT, PUBLIC ADMIN WORK-BASED LEARNING EXPERIENCE	37
320710	HEALTH SCIENCE WORK-BASED LEARNING EXPERIENCE	37
320711	HOSPITALITY & TOURISM WORK-BASED LEARNING EXPERIENCE	37
320712	HUMAN SERVICES/FACS WORK-BASED LEARNING EXPERIENCE	38
320713	INFORMATION TECHNOLOGY WORK-BASED LEARNING EXPERIENCE	38
320714	LAW, PUBLIC SAFETY WORK-BASED LEARNING EXPERIENCE	38
320715	MANUFACTURING WORK-BASED LEARNING EXPERIENCE	39
320716	MARKETING WORK-BASED LEARNING EXPERIENCE	39
320717	TRANSPORTATION WORK-BASED LEARNING EXPERIENCE	39
320718	ENGLISH/LANGUAGE ARTS WORK-BASED LEARNING EXPERIENCE	40

320719	MATHEMATICS WORK-BASED LEARNING EXPERIENCE	40
320720	SCIENCE WORK-BASED LEARNING EXPERIENCE	40
320721	SOCIAL STUDIES WORK-BASED LEARNING EXPERIENCE	41
320722	REGISTERED APPRENTICESHIP CLASS	41
320723	REGISTERED APPRENTICESHIP WORK	41
329930	CAREER ED FOUNDATIONAL & SPECIALTY, OTHER	42
329931	CAREER ED FOUNDATIONAL & SPECIALTY, OTHER	42
329932	CAREER ED FOUNDATIONAL & SPECIALTY, OTHER	43
329933	CAREER ED FOUNDATIONAL & SPECIALTY, OTHER	43
329934	CAREER ED FOUNDATIONAL & SPECIALTY, OTHER	44

### **COMMUNICATION & INFORMATION SYSTEMS**

270401	PROGRAMMING I	45
270402	PROGRAMMING II	45
270403	PROGRAMMING III	45
270410	INTRODUCTION TO COMPUTER SCIENCE & WEB DESIGN	46
270411	INTRODUCTION TO COMPUTER SCIENCE	46
270412	INTRODUCTION TO WEB DESIGN	46
270501	INFORMATION TECHNOLOGY APPLICATIONS I	47
270502	INFORMATION TECHNOLOGY APPLICATIONS II	47
270504	INFORMATION TECHNOLOGY FUNDAMENTALS	48
270505	CISCO I: INTRODUCTION TO NETWORKS	48
270506	CISCO II: ROUTING AND SWITCHING ESSENTIALS	48
270507	CISCO III: SCALING NETWORKS	49
270601	NETWORKING	49
270602	DIGITAL MEDIA	50
270604	FOUNDATIONS OF WEB DESIGN	50
270606	PC SUPPORT AND MAINTENANCE	51
270607	INFORMATION TECHNOLOGY SUPPORT	51
270608	INTRODUCTION TO MEDIA	52
270609	VIDEO PRODUCTION	52
270610	MEDIA PRODUCTION	53
270611	DIGITAL DESIGN	53
270613	ADVANCED DIGITAL DESIGN	54
270700	ADVANCED PLACEMENT COMPUTER SCIENCE A	54
270701	COMPUTER SCIENCE A	54
270702	ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES	55
270703	COMPUTER SCIENCE PRINCIPLES	55
270704	FOUNDATIONS OF COMPUTING	56
270705	SOFTWARE DEVELOPMENT	56
270706	WEB DESIGN AND DEVELOPMENT	56
270707	CYBERSECURITY	57
270708	PROJECT LEAD THE WAY - COMPUTER SCIENCE PRINCIPLES	57
270709	PROJECT LEAD THE WAY - COMPUTER SCIENCE A	57
270710	PROJECT LEAD THE WAY – COMPUTER SCIENCE ESSENTIALS	58
270711	PROJECT LEAD THE WAY – CYBERSECURITY	58
270712	IB COMPUTER SCIENCE	58
279930	COMMUNICATION AND INFORMATION SYSTEMS, OTHER	59
279931	COMMUNICATION AND INFORMATION SYSTEMS, OTHER	59
279932	COMMUNICATION AND INFORMATION SYSTEMS, OTHER	59
279933	COMMUNICATION AND INFORMATION SYSTEMS, OTHER	60
279934	COMMUNICATION AND INFORMATION SYSTEMS, OTHER	60

### **DRIVER EDUCATION/SAFETY EDUCATION**

210105	DRIVER EDUCATION	61
210200	SAFETY EDUCATION	61

## **EDUCATION AND TRAINING**

350001	INTRODUCTION TO EDUCATION AND TRAINING	62
350002	BEST PRACTICES IN EDUCATION AND TRAINING	62
350010	FIELD EXPERIENCE IN EDUCATION AND TRAINING	62
359930	EDUCATION AND TRAINING, OTHER	63
359931	EDUCATION AND TRAINING, OTHER	63
359932	EDUCATION AND TRAINING, OTHER	63
359933	EDUCATION AND TRAINING, OTHER	64
359934	EDUCATION AND TRAINING, OTHER	64

## **ENGLISH LANGUAGE ARTS**

050001	LANGUAGE ARTS/SKILLS	65
050008	LINGUISTICS	66
050011	ENGLISH	67
050021	ENGLISH I	67
050022	ENGLISH II	68
050023	ENGLISH III	68
050024	ENGLISH IV	69
050050	ADVANCED PLACEMENT ENGLISH LANG/COMP	69
050051	ADVANCED PLACEMENT ENGLISH LIT/COMP	69
050052	IB LANGUAGE A - (ENGLISH)	70
050053	IB LANGUAGE A (ENGLISH) MIDDLE YEARS PROGRAM	70
050060	ENGLISH GRAMMAR	71
050061	YEARBOOK	71
050062	RESEARCH METHODS	72
050063	LITERATURE OF A GENRE	72
050100	CREATIVE WRITING/COMPOSITION	73
050102	READING	73
050300	LITERATURE, GENERAL	74
050301	AMERICAN LITERATURE	74
050304	BRITISH LITERATURE	75
050310	LITERATURE, SPECIALIZED	75
050401	JOURNALISM I	76
050402	JOURNALISM II	76
050404	RADIO/TV PRODUCTION	77
050501	SPEECH, BEGINNING	77
050502	SPEECH, ADVANCED	78
050503	DEBATE	78
050505	PERSONAL COMMUNICATION	79
050506	APPLIED COMMUNICATIONS	79
050600	DRAMA, BEGINNING	80
050650	DRAMA, ADVANCED	80
050700	LANGUAGE ARTS-SOCIAL SCIENCE CORE	81
050800	READING-MIDDLE GRADES/JUNIOR HIGH I	81
050801	READING-MIDDLE GRADES/JUNIOR HIGH II	82
050802	LANGUAGE ARTS-MIDDLE GRADES/JUNIOR HIGH I	82
050803	LANGUAGE ARTS-MIDDLE GRADES/JUNIOR HIGH II	83
050804	LANGUAGE ARTS-MIDDLE GRADES/JUNIOR HIGH III	83
059930	ENGLISH LANGUAGE ARTS, OTHER	84
059931	ENGLISH LANGUAGE ARTS, OTHER	84
059932	ENGLISH LANGUAGE ARTS, OTHER	85
059933	ENGLISH LANGUAGE ARTS, OTHER	85
059934	ENGLISH LANGUAGE ARTS, OTHER	86

### **FINE ARTS (ART)**

020100	ART I	87
020200	ART II	87
020300	ART III	87
020400	ART IV	88
020500	ADVANCED PLACEMENT STUDIO ART 2D	88
020501	ADVANCED PLACEMENT STUDIO ART 3D	88
020502	ADVANCED PLACEMENT STUDIO ART DRAW	89
020503	ADVANCED PLACEMENT ART HISTORY	89
020600	PHOTOGRAPHY	89
020800	ART-MIDDLE GRADES/JUNIOR HIGH I	90
020801	ART-MIDDLE GRADES/JUNIOR HIGH II	90
020802	ART-MIDDLE GRADES/JUNIOR HIGH III	91
029930	ART, OTHER	91
029931	ART, OTHER	92
029932	ART, OTHER	92
029933	ART, OTHER	93
029934	ART, OTHER	93

### **FINE ARTS (THEATRE)**

220100	INTRODUCTION TO THEATRE	94
--------	-------------------------	----

### **FINE ARTS (MUSIC)**

120100	MUSIC	95
120400	VOCAL MUSIC	95
120450	SMALL PERFORMING GROUPS/VOCAL	95
120500	INSTRUMENTAL MUSIC	96
120550	SMALL PERFORMING GROUPS/INSTRUMENTAL	96
120600	INDIVIDUAL INSTRUCTION/VOCAL	96
120650	INDIVIDUAL INSTRUCTION/INSTRUMENTAL	97
120700	ADVANCED PLACEMENT MUSIC THEORY	97
129930	MUSIC, OTHER	98
129931	MUSIC, OTHER	98
129932	MUSIC, OTHER	99
129933	MUSIC, OTHER	99
129934	MUSIC, OTHER	100

### **HEALTH SCIENCES**

077200	EXPLORATION OF HEALTH SCIENCES	101
077201	PLTW MEDICAL DETECTIVES	101
077300	HEALTH SCIENCES I	102
077301	HEALTH SCIENCES II	102
077302	HEALTH SCIENCES III	103
077303	PERSONAL AND COMMUNITY MEDICAL ISSUES/PUBLIC HEALTH	103
077304	EXPLORING LABORATORY MEDICINE	104
077400	NURSING ASSISTANT/CNA	104



077401	MEDICATION AIDE	105
077402	EMERGENCY MEDICAL TECHNICIAN/CERT	105
077444	PHARMACY TECHNICIAN	106
077446	PHLEBOTOMY TECHNICIAN	106
077500	INTRODUCTION TO SPORTS MEDICINE	107
077600	MEDICAL TERMINOLOGY	107
077601	EXERCISE SCIENCE	108
077701	PERFORMANCE NUTRITION	108
077702	HUMAN LIFE CYCLE NUTRITION	109
077800	HEALTH INFORMATION TECHNOLOGY	109
077801	BEHAVIORAL HEALTH I	110
077802	BEHAVIORAL HEALTH II	110
077803	PLTW PRINCIPLES OF BIOMEDICAL SCIENCE I	111
077804	PLTW PRINCIPLES OF BIOMEDICAL SCIENCE II	111
077805	PLTW HUMAN BODY SYSTEMS I	112
077806	PLTW HUMAN BODY SYSTEMS II	112
077807	PLTW MEDICAL INTERVENTIONS I	113
077808	PLTW MEDICAL INTERVENTIONS II	113
077809	PLTW BIOMEDICAL INNOVATION I	114
077810	PLTW BIOMEDICAL INNOVATION II	114
077812	HEALTH INFORMATION MANAGEMENT AND ETHICS	115
077900	ALLIED HEALTH AND MEDICINE	115
077930	HEALTH SCIENCES, OTHER	116
077931	HEALTH SCIENCES, OTHER	116
077932	HEALTH SCIENCES, OTHER	117
077933	HEALTH SCIENCES, OTHER	117
077934	HEALTH SCIENCES, OTHER	118

### **HOSPITALITY AND TOURISM**

370010	HOSPITALITY AND TOURISM	119
370021	CULINARY SKILLS 1	119
370022	CULINARY SKILLS 2	119
370030	PROSTART 1	120
370031	PROSTART 2	120
379930	HOSPITALITY AND TOURISM, OTHER	120
379931	HOSPITALITY AND TOURISM, OTHER	121
379932	HOSPITALITY AND TOURISM, OTHER	121
379933	HOSPITALITY AND TOURISM, OTHER	121
379934	HOSPITALITY AND TOURISM, OTHER	122

### **HUMAN SERVICES/FACS**

090005	FAMILY AND CONSUMER SCIENCES 6	123
090006	FAMILY AND CONSUMER SCIENCES 7	123
090007	FAMILY AND CONSUMER SCIENCES 8	123
090101	INTRODUCTION TO HUMAN SCIENCE/FACS	124
090103	TEXTILE CONSTRUCTION	124
090104	LIFE AND CAREER READINESS	124
090107	FUNDAMENTALS OF FOOD AND NUTRITION	125
090109	HOME DESIGN AND INTERIORS	125
090113	FOOD SCIENCE	125
090116	INTERPERSONAL RELATIONSHIPS	126
090117	PARENTS AND FAMILIES	126
090119	CHILD DEVELOPMENT	126
090121	EARLY CHILDHOOD EDUCATION AND SERVICES	127
090122	EARLY CHILDHOOD PRACTICUM	127
090123	HUMAN GROWTH AND DEVELOPMENT	127

090124	NUTRITION	128
090125	DIETETICS	128
090126	INTRODUCTION TO DESIGN PRINCIPLES	128
090127	FAMILIES IN CRISIS	129
090128	CAREERS IN MENTAL HEALTH	129
090129	FNS - FOOD PRODUCTION, NUTRITION AND HEALTH	129
090130	FNS - FOOD SCIENCE	130
090131	FNS - NUTRITION SCIENCE	130
090206	FASHION DESIGN	130
090207	THE BUSINESS OF TEXTILES	131
090208	LEADERSHIP AND ETHICS IN HUMAN SERVICES	131
090209	CONSUMER ECONOMICS	131
099930	HUMAN SERVICES/FACS, OTHER	132
099931	HUMAN SERVICES/FACS, OTHER	132
099932	HUMAN SERVICES/FACS, OTHER	132
099933	HUMAN SERVICES/FACS, OTHER	133
099934	HUMAN SERVICES/FACS, OTHER	133

### **LAW, PUBLIC SAFETY AND SECURITY**

390010	FOUNDATIONS OF LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY	134
390015	INTRODUCTION TO CRIMINAL JUSTICE	134
390020	INTRODUCTION TO FIRE & EMERGENCY SERVICES	134
390025	COURTS & JUDICIAL PROCESS	135
390026	POLICE AND SOCIETY	135
399930	LAW, PUBLIC SAFETY AND SECURITY, OTHER	135
399931	LAW, PUBLIC SAFETY AND SECURITY, OTHER	136
399932	LAW, PUBLIC SAFETY AND SECURITY, OTHER	136
399933	LAW, PUBLIC SAFETY AND SECURITY, OTHER	136
399934	LAW, PUBLIC SAFETY AND SECURITY, OTHER	137

### **MATHEMATICS**

110201	ARITHMETIC	138
110299	PRE-ALGEBRA	138
110300	ALGEBRA, BEGINNING	138
110306	ALGEBRA, ADVANCED	139
110501	APPLIED MATHEMATICS I	139
110502	APPLIED MATHEMATICS II	139
110503	APPLIED MATHEMATICS III	140
110600	CALCULUS	140
110620	ADVANCED PLACEMENT CALCULUS AB	140
110621	ADVANCED PLACEMENT CALCULUS BC	141
110622	COLLEGE TECHNICAL MATHEMATICS	141
110623	IB MATHEMATICAL STUDIES-STANDARD LEVEL	141
110624	IB MATHEMATICS STANDARD LEVEL	142
110625	IB FURTHER MATHEMATICS-HIGHER LEVEL	142
110627	IB MATHEMATICS-HIGHER LEVEL	142
111100	MATHEMATICS, GENERAL	143
111200	GEOMETRY	143
111300	PRE CALCULUS (INTRODUCTION TO ANALYSIS)	143
111600	TRIGONOMETRY	144
111700	STATISTICS/PROBABILITY	144
111701	FINITE/DISCRETE MATHEMATICS	144
111720	ADVANCED PLACEMENT STATISTICS	145
111800	BUSINESS MATH	145
112800	MATHEMATICS-MIDDLE GRADES/JR HIGH I	145
112801	MATHEMATICS-MIDDLE GRADES/JR HIGH II	146

112802	MATHEMATICS-MIDDLE GRADES/JR HIGH III	146
119930	MATH, OTHER	146
119931	MATH, OTHER	147
119932	MATH, OTHER	147
119933	MATH, OTHER	147
119934	MATH, OTHER	148

### **PERSONAL DEVELOPMENT**

260200	ADOLESCENT DEVELOPMENT	149
260300	STUDY SKILLS	149
260400	LIBRARY MEDIA SKILLS	149

### **PERSONAL HEALTH & PHYSICAL FITNESS**

080100	HEALTH I	150
080101	HEALTH II	150
080105	HEALTH, SPECIALIZED	151
080106	FAMILY HEALTH	151
080107	FOUNDATIONS FOR PHYSICAL EDUCATION AND FITNESS	152
080108	BEGINNING SWIMMING	152
080109	INTERMEDIATE SWIMMING	153
080110	FITNESS SWIMMING & AQUATIC ACTIVITIES	153
080111	INTRODUCTION TO STRENGTH & CONDITIONING	154
080112	INTERMEDIATE STRENGTH & CONDITIONING	154
080113	ADVANCED STRENGTH & CONDITIONING	155
080114	AEROBIC TRAINING	155
080115	ADVANCED AEROBIC TRAINING	156
080116	INTRODUCTION TO DANCE	156
080117	HIP-HOP DANCE	157
080118	BALLROOM DANCE	157
080119	DANCE PERFORMANCE	158
080120	LIFETIME ACTIVITIES	158
080121	TEAM GAMES	159
080122	OUTDOOR PURSUITS	159
080123	LIFEGUARD TRAINING & WATER SAFETY INSTRUCTION AIDE	160
080124	SPORT OFFICIATING	160
080125	PHYSICAL EDUCATION ELEMENTARY	161
080126	PHYSICAL EDUCATION MIDDLE SCHOOL	161
080127	ADAPTIVE PHYSICAL EDUCATION	162
089930	PHYSICAL EDUCATION, OTHER	162
089931	PHYSICAL EDUCATION, OTHER	163
089932	PHYSICAL EDUCATION, OTHER	163

### **SCIENCE**

130201	BIOLOGY	164
130202	BIOLOGY-ADVANCED STUDIES	164
130210	ANATOMY and PHYSIOLOGY	164
130211	IB BIOLOGY	165
130212	BOTANY	165
130213	GENETICS	165
130214	MICROBIOLOGY	166
130215	ZOOLOGY	166

130216	CONCEPTUAL BIOLOGY	166
130217	PARTICULAR TOPICS IN BIOLOGY	167
130218	BIOLOGY - OTHER	167
130300	PHYSICAL SCIENCE	168
130301	CHEMISTRY	168
130302	CHEMISTRY-ADVANCED STUDIES	169
130303	PHYSICS	169
130304	PRINCIPLES OF TECHNOLOGY I (SCIENCE)	169
130306	PRINCIPLES OF TECHNOLOGY II (SCIENCE)	170
130307	PHYSICS-ADVANCED STUDIES	170
130308	IB CHEMISTRY	170
130309	CONCEPTUAL CHEMISTRY	171
130310	PARTICULAR TOPICS IN CHEMISTRY	171
130311	CHEMISTRY - OTHER	171
130312	ASTRONOMY	172
130313	EARTH AND SPACE SCIENCE	172
130314	PARTICULAR TOPICS IN EARTH SCIENCE	172
130315	EARTH SCIENCE - OTHER	173
130316	MARINE SCIENCE	173
130317	FORENSIC SCIENCE	174
130415	GEOSCIENCE	174
130416	IB PHYSICS	175
130417	CONCEPTUAL PHYSICS	175
130418	PARTICULAR TOPICS IN PHYSICS	175
130419	PHYSICS - OTHER	176
130420	PHYSICAL SCIENCE - INTEGRATED	176
130421	APPLIED BIOLOGY/CHEMISTRY	177
130422	BIOLOGY - INTEGRATED	177
130423	CHEMISTRY - INTEGRATED	178
130424	INDEPENDENT STUDY	178
130801	SCIENCE-MIDDLE GRADES/JR HIGH I	179
130802	SCIENCE-MIDDLE GRADES/JR HIGH II	179
130803	SCIENCE-MIDDLE GRADES/JR HIGH III	180
135000	ADVANCED PLACEMENT BIOLOGY	180
135010	ADVANCED PLACEMENT CHEMISTRY	181
135021	ADVANCED PLACEMENT PHYSICS 1: ALGEBRA-BASED	181
135022	ADVANCED PLACEMENT PHYSICS 2: ALGEBRA-BASED	181
135023	ADVANCED PLACEMENT PHYSICS C: ELECTRICITY AND MAGNETISM	182
135024	ADVANCED PLACEMENT PHYSICS C: MECHANICS	182
135025	METEOROLOGY	182
139930	SCIENCE, OTHER	183

### **SKILLED AND TECHNICAL SCIENCES**

100100	INTRODUCTION TO SKILLED AND TECHNICAL SCIENCES	184
100110	CONSTRUCTION TRADES 1	184
100120	CONSTRUCTION TRADES 2	184
100130	DRAFTING AND DESIGN	185
100140	ARCHITECTURAL DESIGN 1	185
100141	ARCHITECTURAL DESIGN 2	185
100160	PLTW PRINCIPLES OF ENGINEERING	186
100161	PLTW INTRODUCTION TO ENGINEERING DESIGN	186
100162	PLTW CIVIL ENGINEERING AND ARCHITECTURE	187
100163	PLTW ENGINEERING DESIGN AND DEVELOPMENT	187
100164	PLTW AEROSPACE ENGINEERING	188
100165	PLTW BIOTECHNICAL ENGINEERING	188
100401	INTRODUCTION TO ELECTRONICS	189
100402	ADVANCED ELECTRONICS	189
100403	PLTW DIGITAL ELECTRONICS	190
100405	ELECTRICITY	190
100406	FUNDAMENTALS OF ENERGY	191

100407	PHYSICS AND MATHEMATICS OF ENERGY	191
100408	SUSTAINABLE ENERGY	191
100706	EXPLORING SKILLED AND TECHNICAL SCIENCE - 6TH GRADE	192
100707	EXPLORING SKILLED AND TECHNICAL SCIENCE - 7TH GRADE	192
100708	EXPLORING SKILLED AND TECHNICAL SCIENCE - 8TH GRADE	193
101400	MANUFACTURING PROCESS - METALS	193
101401	MANUFACTURING PRODUCTION - METALS	193
101402	ADVANCED MANUFACTURING & FABRICATION - METALS	194
101600	TRANSPORTATION 1	194
101601	INTRODUCTION TO TDL	194
101610	DISTRIBUTION AND LOGISTICS	195
101620	TRANSPORTATION 2	195
101630	TRANSPORTATION 3	195
101640	COLLISION REPAIR	196
101650	BUSINESS LOGISTICS	196
101700	INTRODUCTION TO AIRCRAFT AND ROCKETRY	196
101701	INTRODUCTION TO AVIATION AND AEROSPACE	197
101702	HISTORY OF AVIATION	197
101703	AVIATION SAFETY	197
101704	INTRODUCTION TO POWERED FLIGHT	198
101900	INTRODUCTION TO MECHATRONICS	198
101901	PLTW COMPUTER INTEGRATED MANUFACTURING	199
101920	MANUFACTURING PROCESSES - WOODS	199
101921	MANUFACTURING PRODUCTION - WOODS	200
101922	ADVANCED MANUFACTURING & FABRICATION - WOODS	200
101930	WELDING 1	200
101940	WELDING 2	201
101941	WELDING 3	201
101950	MANUFACTURING PROCESSES - PLASTICS	202
101951	MANUFACTURING PRODUCTION - PLASTICS	202
101952	ADVANCED MANUFACTURING & FABRICATION - PLASTICS	202
103191	ENGINEERING DESIGN AND SYSTEMS THINKING	203
103192	ENGINEERING PROBLEM SOLVING	203
103193	SYSTEMS ENGINEERING AND PROJECT MANAGEMENT	203
103194	ROBOTICS	204
103195	ADVANCED ROBOTICS	204
109930	SKILLED AND TECHNICAL SCIENCE, OTHER	205
109931	SKILLED AND TECHNICAL SCIENCE, OTHER	205
109932	SKILLED AND TECHNICAL SCIENCE, OTHER	205
109933	SKILLED AND TECHNICAL SCIENCE, OTHER	206
109934	SKILLED AND TECHNICAL SCIENCE, OTHER	206

### **SOCIAL SCIENCE/SOCIAL STUDIES**

150011	SOCIAL STUDIES-MIDDLE GRADES/JR HIGH I	207
150012	SOCIAL STUDIES-MIDDLE GRADES/JR HIGH II	207
150013	SOCIAL STUDIES-MIDDLE GRADES/JR HIGH III	208
150100	ANTHROPOLOGY	208
150104	CULTURAL/ETHNIC STUDIES	209
150700	GEOGRAPHY	209
150750	ADVANCED PLACEMENT HUMAN GEOGRAPHY	210
150800	WORLD HISTORY	210
150805	ADVANCED PLACEMENT WORLD HISTORY	211
150806	ADVANCED PLACEMENT EUROPEAN HISTORY	211
150810	NEBRASKA HISTORY	211
150820	AMERICAN HISTORY	212
150830	ADVANCED PLACEMENT US HISTORY	212
150900	HUMANITIES	213
151000	ECONOMICS	213
151100	POLITICAL SCIENCE	214
151103	MODERN PROBLEMS	214

151110	AMERICAN GOVERNMENT	215
151113	ADVANCED PLACEMENT UNITED STATES GOVERNMENT AND POLITICS	215
151114	CIVICS	216
151115	ADVANCED PLACEMENT COMPARITIVE GOVERNMENT AND POLITICS	216
151120	INTERNATIONAL RELATIONS	217
151200	PSYCHOLOGY	217
151210	ADVANCED PLACEMENT PSYCHOLOGY	218
151300	SOCIOLOGY	218
151301	RELIGION I	218
151302	RELIGION II	219
151303	RELIGION III	219
151304	RELIGION IV	219
152000	HOLOCAUST HISTORY	220
152001	IB HISTORY	220
152002	IB PSYCHOLOGY	220
152003	IB THEORY OF KNOWLEDGE	221
152004	GENDER STUDIES	221
159930	SOCIAL SCIENCE, OTHER	222
159931	SOCIAL SCIENCE, OTHER	222
159932	SOCIAL SCIENCE, OTHER	223
159933	SOCIAL SCIENCE, OTHER	223
159934	SOCIAL SCIENCE, OTHER	224

#### **WORLD LANGUAGE**

060001	WORLD LANGUAGE ARABIC I	225
060002	WORLD LANGUAGE ARABIC II	225
060105	WORLD LANGUAGE LATIN I	225
060106	WORLD LANGUAGE LATIN II	226
060107	ADVANCED PLACEMENT LATIN	226
060108	LATIN III	226
060109	LATIN IV	227
060111	LATIN IB CLASSICAL LANGUAGE	227
060221	WORLD LANGUAGE FRENCH I	227
060222	WORLD LANGUAGE FRENCH II	228
060223	WORLD LANGUAGE FRENCH III	228
060224	WORLD LANGUAGE FRENCH IV	228
060225	WORLD LANGUAGE FRENCH V	229
060226	ADVANCED PLACEMENT FRENCH LANGUAGE AND CULTURE	229
060227	IB LANGUAGE A - FRENCH	229
060228	IB LANGUAGE B - FRENCH	230
060231	WORLD LANGUAGE GERMAN I	230
060232	WORLD LANGUAGE GERMAN II	230
060233	WORLD LANGUAGE GERMAN III	231
060234	WORLD LANGUAGE GERMAN IV	231
060235	WORLD LANGUAGE GERMAN V	231
060236	ADVANCED PLACEMENT GERMAN LANGUAGE AND CULTURE	232
060237	IB LANGUAGE A - GERMAN	232
060238	IB LANGUAGE B - GERMAN	232
060241	WORLD LANGUAGE SPANISH I	233
060242	WORLD LANGUAGE SPANISH II	233
060243	WORLD LANGUAGE SPANISH III	233
060244	WORLD LANGUAGE SPANISH IV	234
060245	WORLD LANGUAGE SPANISH V	234
060246	ADVANCED PLACEMENT SPANISH LANGUAGE AND CULTURE	234
060247	IB LANGUAGE A - SPANISH	235
060248	IB LANGUAGE B - SPANISH	235
060249	SPANISH FOR NATIVE SPEAKERS I	235
060250	SPANISH FOR NATIVE SPEAKERS II	236
060251	WORLD LANGUAGE JAPANESE I	236
060252	WORLD LANGUAGE JAPANESE II	236

060253	ADVANCED PLACEMENT JAPANESE LANGUAGE AND CULTURE	237
060254	WORLD LANGUAGE JAPANESE III	237
060255	ADVANCED PLACEMENT SPANISH LITERATURE AND CULTURE	237
060261	WORLD LANGUAGE RUSSIAN I	238
060262	WORLD LANGUAGE RUSSIAN II	238
060271	WORLD LANGUAGE CHINESE I	238
060272	WORLD LANGUAGE CHINESE II	239
060273	WORLD LANGUAGE CHINESE III	239
060274	WORLD LANGUAGE CHINESE IV	239
060275	WORLD LANGUAGE CHINESE V	240
060276	ADVANCED PLACEMENT CHINESE LANGUAGE AND CULTURE	240
062021	MIDDLE SCHOOL EXPLORATORY FRENCH	240
062041	MIDDLE SCHOOL EXPLORATORY SPANISH	241
062091	MIDDLE SCHOOL WORLD LANGUAGE EXPLORATORY - OTHER	241
064100	AMERICAN SIGN LANGUAGE I	242
064101	AMERICAN SIGN LANGUAGE II	242
064102	AMERICAN SIGN LANGUAGE III	242
064103	AMERICAN SIGN LANGUAGE IV	243
069930	WORLD LANGUAGE, OTHER	243
069931	WORLD LANGUAGE, OTHER	244
069932	WORLD LANGUAGE, OTHER	245
069933	WORLD LANGUAGE, OTHER	246
069934	WORLD LANGUAGE, OTHER	247

#### **TITLE I CURRICULUM**

250101	TITLE I READING	248
250102	TITLE I MATHEMATICS	249
250103	TITLE I EXTENDED KINDERGARTEN	249
250104	TITLE I LANGUAGE ARTS	250
250105	TITLE I PREKINDERGARTEN	250

#### **MISCELLANEOUS CURRICULUM**

230101	JROTC (Junior Reserve Officers Training Corp)	251
230800	STUDENT AIDE	251
230801	ADVANCED PLACEMENT SEMINAR	251
230802	ADVANCED PLACEMENT RESEARCH	252
230803	STUDY HALL	252

#### **HIGH ABILITY EDUCATION**

300100	HIGH ABILITY EDUCATION	253
--------	------------------------	-----

#### **ENGLISH AS A SECOND LANGUAGE**

310010	ENGLISH AS A SECOND LANGUAGE	254
310050	ESL OR DUAL LANGUAGE ARTS-ELEMENTARY	254
310051	ESL OR DUAL LANGUAGE ARTS-SECONDARY	255
310101	BILINGUAL/ENGLISH AS A DUAL LANGUAGE	255
310110	ESL OR DUAL LANGUAGE MATHEMATICS-ELEMENTARY	256

310111	ESL OR DUAL LANGUAGE MATHEMATICS-SECONDARY	256
310130	ESL OR DUAL LANGUAGE SCIENCE-ELEMENTARY	257
310131	ESL OR DUAL LANGUAGE SCIENCE-SECONDARY	257
310150	ESL OR DUAL LANGUAGE SOCIAL STUDIES-ELEMENTARY	258
310151	ESL OR DUAL LANGUAGE SOCIAL STUDIES-SECONDARY	258

**SUPPLEMENTAL CURRICULUM**

290101	SUPPLEMENTAL READING	259
290102	SUPPLEMENTAL MATHEMATICS	260

**SPECIAL EDUCATION**

190215	SPECIAL EDUCATION ART-K-12 (PAC 1161)	261
190230	SPECIAL EDUCATION ART-(PAC 1162)	261
190515	SPECIAL EDUCATION LANGUAGE ARTS -K-12 (PAC1161)	262
190530	SPECIAL EDUCATION LANGUAGE ARTS-(PAC 1162)	262
191115	SPECIAL EDUCATION MATHEMATICS-K-12 (PAC 1161)	263
191130	SPECIAL EDUCATION MATHEMATICS - (PAC 1162)	263
191215	SPECIAL EDUCATION MUSIC-K-12 (PAC 1161)	264
191230	SPECIAL EDUCATION MUSIC-(PAC 1162)	264
191315	SPECIAL EDUCATION SCIENCE-K-12 (PAC 1161)	265
191330	SPECIAL EDUCATION SCIENCE-(PAC 1162)	265
191515	SPECIAL EDUCATION SOCIAL STUDIES-K-12 (PAC 1161)	266
191530	SPECIAL EDUCATION SOCIAL STUDIES-(PAC 1162)	266
192000	SPECIAL ED FUNCTIONAL SKILLS AND ACTIVITIES (PAC 1162)	267
192015	SPECIAL EDUCATION INDEPENDENT LIVING-K-12 (PAC 1161)	268
193000	PHYSICAL EDUCATION, ADAPTIVE	268
194000	SPECIAL EDUCATION IN-HOME SETTING	269
19XXXX	SPECIAL EDUCATION STUDY SKILLS	269

**SELF-CONTAINED CLASSROOM**

180000	SELF-CONTAINED CLASSROOM	270
180005	HOME-BASED PROGRAM (NON SPED)	270



<b>AGRICULTURE, FOOD AND NATURAL RESOURCES</b>
--

**INTRODUCTION TO AG, FOOD & NATURAL RESOURCES**

<u>Short Name</u>	<u>Course Code</u>
<b>AG/EN-INTR</b>	<b>011000</b>

The introductory course for the Agriculture, Food and Natural Resources Career Cluster providing a knowledge base and technical skills in all aspects of the industry. Learners will be exposed to a broad range of agriculture, food and natural resources careers, cluster foundation knowledge and skills, introduction to leadership development, the FFA organization and career exploration. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100

**ANIMAL SCIENCE**

<u>Short Name</u>	<u>Course Code</u>
<b>ANI SCI</b>	<b>011004</b>

A course focusing on the basic scientific principles and processes that are involved in animal physiology, breeding, nutrition, and care in preparation for an animal systems career. Topics include animal diseases, introduction to animal science, animal nutrition, animal science issues, career opportunities and animal evaluation. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100

**LARGE ANIMAL MANAGEMENT**

<u>Short Name</u>	<u>Course Code</u>
<b>LG ANIMGMT</b>	<b>011005</b>

This course includes advanced scientific principles and communication skills that build on the knowledge and skills learned in Animal Science. Topics include animal waste management, animal science economics, decision making, global concerns in the industry, genetics, and breeding. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100

<b>AGRICULTURE, FOOD AND NATURAL RESOURCES</b>
--

**SMALL ANIMAL MANAGEMENT**

Short Name

Course Code

**SML ANIMAL**

**011006**

A course providing instruction on animal husbandry topics related to companion animals that are served by a veterinarian. This course includes breeding, grooming, care and marketing of companion animals. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

AGRICULTURE

0100

**PLANT SCIENCE**

Short Name

Course Code

**PLANT SCI**

**011007**

This course examines the scientific concepts related to plant systems. Students will consider environmental factors on plant growth. In addition students will examine plant classification, anatomy, physiology, and methods of propagation. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

AGRICULTURE

0100

**CROP MANAGEMENT/AGRONOMY**

Short Name

Course Code

**CROP AGRO**

**011008**

This course investigates advanced crop production and management topics. Students develop an understanding of fertilization methods, resource management, pest management, technology use, marketing, and world hunger. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

AGRICULTURE

0100

<b>AGRICULTURE, FOOD AND NATURAL RESOURCES</b>
--

**AGRIBUSINESS**

<u>Short Name</u>	<u>Course Code</u>
<b>AGRI BUSN</b>	<b>011009</b>

This course covers skills necessary for entry into employment or furthering education in an agricultural business. The course includes the study of business planning, creating and analyzing financial information, developing business plans, and using sales and marketing principles. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100

**AGRICULTURAL ECONOMICS**

<u>Short Name</u>	<u>Course Code</u>
<b>AG ECON</b>	<b>011010</b>

This course covers economic principles that drive agricultural businesses. The course studies the production, distribution, and consumption of agricultural products and the allocation of agricultural resources. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100

**AGRICULTURAL SALES & COMMUNICATIONS**

<u>Short Name</u>	<u>Course Code</u>
<b>AG SA/COM</b>	<b>011011</b>

This course covers skills necessary to be able to sell and market agricultural products and the development of effective communication skills. The course includes applying sales and marketing principles through the study of business planning and creating and analyzing financial information. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100

**AGRICULTURE, FOOD AND NATURAL RESOURCES**

**MS INTRODUCTION TO AG, FOOD & NATURAL RESOURCES**

Short Name  
**MSAFNR-INT**

Course Code  
**011012**

This middle school introductory course for the Agriculture, Food and Natural Resources Career Cluster provides a knowledge base and technical skills in all aspects of the industry. Learners will be exposed to a broad range of agriculture, food and natural resources careers, cluster foundation knowledge and skills, introduction to leadership development, the FFA organization and career exploration.

Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 6-8

Career Cluster: Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
MIDDLE GR/AG EDUCATION	1810

**VETERINARY SCIENCE**

Short Name  
**VET SCI**

Course Code  
**011015**

Introduces students to the basics of animal medical care. Topics covered include disease, parasites, feeding, shelter, grooming, and general animal care. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100

**NURSERY AND LANDSCAPE**

Short Name  
**NURS LAND**

Course Code  
**012001**

This course examines the knowledge and skills used to produce and use horticultural plants. Topics include plant identification, fertilization, pest management, soils, and design. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100

**AGRICULTURE, FOOD AND NATURAL RESOURCES**

**FLORICULTURE**

Short Name

Course Code

**FLORICUL**

**012002**

This course examines the knowledge and skills used to produce and use floral plants. Topics include plant identification, fertilization, pest management, soils, and design. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

AGRICULTURE

0100

**AGRICULTURE BIOTECHNOLOGY**

Short Name

Course Code

**AG BIOTECH**

**012004**

A course focusing on students examining extensively the relationship between biotechnology and modern plant production systems. Students identify purposes and methods of genetic modification of plants and the impact of modern plant production on a global scale. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

AGRICULTURE

0100

**AGRIBUSINESS MANAGEMENT AND ENTREPRENEURSHIP**

Short Name

Course Code

**AG MGT/ENT**

**012005**

This course covers skills necessary for creating and managing an agricultural business. The course includes the study of business planning, creating and analyzing financial information, developing business plans, and applying sales and marketing principles. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

AGRICULTURE

0100

**AGRICULTURE, FOOD AND NATURAL RESOURCES**

**ENVIRONMENTAL AND NATURAL RESOURCES**

Short Name

Course Code

**ENV/NR**

**013000**

A course that provides an opportunity for students to increase awareness of the close ties among living organisms as well as natural and environmental concerns with the interrelationships of living organisms and the world around us. Students are exposed to careers related to natural resources systems. Students also look closely at Nebraska's natural resources and management techniques. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

AGRICULTURE

0100

**WILDLIFE MANAGEMENT**

Short Name

Course Code

**WDLIFE MGT**

**013001**

A course that provides students the opportunity to increase awareness of the principles of wildlife management and conservation. Students will closely examine ecological concepts, habitat management, wildlife species identification, and recreational opportunities that the environment and wildlife provide us with. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

AGRICULTURE

0100

**ENVIRONMENTAL AND NATURAL RESOURCES MANAGEMENT**

Short Name

Course Code

**ENV/NR MGT**

**013002**

A course that provides an opportunity for students to increase awareness of the close ties among living organisms as well as natural and environmental concerns with the interrelationships of living organisms and the world around us. Students will closely examine agencies that regulate our natural resources, explore the relationship between agriculture and natural resources, and develop an understanding of sustainability and the importance of conservation. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

AGRICULTURE

0100

**AGRICULTURE, FOOD AND NATURAL RESOURCES****FOOD SCIENCE AND SAFETY**Short Name**FOOD SCI**Course Code**014000**

A course that introduces students to the principles, applications and science of food and food processing and production. Students will learn the scientific principles and practice scientific applications involved in the food industry including food science, food processing, microbiology, toxicology, regulations concerning the protection of the food supply and organic production of food and nutrition. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement NameEndorsement Number

AGRICULTURE

0100

**FOOD PRODUCTS AND TECHNOLOGY**Short Name**FOOD PTECH**Course Code**014001**

This course is an in-depth study of the development of food products from a variety of agricultural industries. Students will study the nutritional value of foods along with applying scientific processes such as microbiology and chemistry to the development of food products, and analyze and select appropriate storage, distribution and consumption of foods. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement NameEndorsement Number

AGRICULTURE

0100

**POWER, STRUCTURAL AND TECHNICAL FOUNDATIONS**Short Name**PST FNDT**Course Code**016000**

This course introduces selected major areas of agricultural mechanics technology including small engine operation and repair, metal fabrication, woodworking, and electrical wiring. Learning activities include basic understanding, skill development and problem-solving. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement NameEndorsement Number

AGRICULTURE

0100

**AGRICULTURE, FOOD AND NATURAL RESOURCES**

**POWER, STRUCTURAL AND TECHNOLOGY SYSTEMS**

Short Name  
**POWER TECH**

Course Code  
**016003**

Provides advanced-level experiences in selected major areas of agricultural mechanics technology; includes small engine maintenance and repair, metal fabrication, concrete construction, building construction, plumbing, electrical wiring, maintenance of agricultural machinery, equipment and tractors, and soil and water conservation. Learning activities include basic understanding, skill development and problem-solving. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100

**WELDING**

Short Name  
**WELDING**

Course Code  
**016004**

This course provides in-depth study of metal and fabrication with metal products. It also provides the opportunity to explore the careers of agricultural metal fabrication. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food and Natural Resources.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100

**METALS AND FABRICATION**

Short Name  
**METAL FAB**

Course Code  
**016005**

This course provides an in-depth study of metals and fabrication with metal products. It also provides the opportunity to explore the careers in agricultural metal fabrication. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100



<b>AGRICULTURE, FOOD AND NATURAL RESOURCES</b>
--

**PRECISION AGRICULTURE AND ENGINEERING**

<u>Short Name</u>	<u>Course Code</u>
<b>PRCS AGENG</b>	<b>016006</b>

This course provides a general study of precision agriculture and the related engineering. It also provides the opportunity to explore the careers in agricultural related to precision agriculture. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100

**AGRICULTURAL LEADERSHIP AND CAREER READINESS**

<u>Short Name</u>	<u>Course Code</u>
<b>LEADER</b>	<b>017000</b>

Instruction provided in a semester long leadership, human resource development and related careers course includes leadership in a community, leadership concepts/applications, characteristics of an effective leader, characteristics of an effective manager and related practicum demonstrating contribution to society. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100

**CAREERS AND LITERACY OF AGRICULTURE**

<u>Short Name</u>	<u>Course Code</u>
<b>AG CAR LIT</b>	<b>018002</b>

The focus of this course is to provide middle school students with a working knowledge of the Agriculture, Food, and Natural Resources career field of study. Students will experience the seven AFNR pathways, explore careers within these pathways, and focus on their pathway of interest. The course incorporates teachable moments pertaining to the college and career readiness skills found in the center of the Nebraska Career Education Model. Agricultural literacy, risk management, and current trends are also incorporated into the course.

Recommended Level: Middle/Junior High

Career Cluster: Career Development and Exploratory Courses

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
MIDDLE GR/AG EDUCATION	1810

**AGRICULTURE, FOOD AND NATURAL RESOURCES**

**CASE INTRODUCTION TO AGRICULTURE, FOOD & NATURAL RESOURCES**

Short Name

Course Code

**CASE AFNR**

**018060**

Students participating in the Introduction to Agriculture, Food, and Natural Resources course will experience exciting “hands-on” activities, projects, and problems. Student experiences will involve the study of communication, the science of agriculture, plants, animals, natural resources, and agricultural mechanics. While surveying the opportunities available in agriculture and natural resources, students will learn to solve problems, conduct research, analyze data, work in teams, and take responsibility for their work, actions, and learning. For example, students will work in groups to determine the efficiency and environmental impacts of fuel sources in a practical learning exercise.

Other Info: This course can only be taught by CASE certified teachers following the CASE curriculum.

Recommended Level: Grades 9-10  
Career Cluster: Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

AGRICULTURE

0100

**CASE PLANT SCIENCE**

Short Name

Course Code

**CASE PLANT**

**018061**

The course is structured to enable all students to have a variety of experiences that will provide an overview of the field of agricultural science with a foundation in plant science so that students may continue through a sequence of courses through high school. Students will work in teams, exploring hands-on projects and activities, to learn the characteristics of plant science and work on major projects and problems similar to those that plant science specialists, such as horticulturalists, agronomists, greenhouse and nursery managers and producers, and plant research specialists face in their respective careers.

Other Info: This course can only be taught by CASE certified teachers following the CASE curriculum.

Recommended Level: Grades 10-12  
Career Cluster: Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

AGRICULTURE

0100

**CASE ANIMAL SCIENCE**

Short Name

Course Code

**CASE ANML**

**018062**

This course is intended to serve as one of two foundational courses within the CASE™ sequence. The course is structured to enable all students to have a variety of experiences that will provide an overview of the field of agricultural science with a foundation in animal science so that students may continue through a sequence of courses through high school. Students will explore hands-on projects and activities to learn the characteristics of animal science and work on major projects and problems similar to those that animal science specialists, such as veterinarians, zoologists, livestock producers, or industry personnel face in their respective careers.

Other Info: This course can only be taught by CASE certified teachers following the CASE curriculum.

Recommended Level: Grades 10-12  
Career Cluster: Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

AGRICULTURE

0100

**AGRICULTURE, FOOD AND NATURAL RESOURCES**

**CASE ANIMAL & PLANT BIOTECHNOLOGY**

Short Name  
**CASE APBIO**

Course Code  
**018063**

Animal and Plant Biotechnology, a specialization course in the CASE Program of Study, provides resources to the teacher to facilitate rigorous instruction and increase the level of student understanding related to biotechnology concepts. Students will complete hands-on activities, projects, and problems designed to build content knowledge and technical skills in the field of biotechnology. Students are expected to become proficient at projects involving micro pipetting, bacterial cultures and transformations, electrophoresis, and polymerase chain reaction. Research and experimental design will be highlighted as students develop and conduct industry appropriate investigations.

Other Info: This course can only be taught by CASE certified teachers following the CASE curriculum.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100

**CASE NATURAL RESOURCES AND ECOLOGY**

Short Name  
**CASE NRECO**

Course Code  
**018064**

Natural Resources and Ecology, a specialized course in the CASE Program of Study, provides students an opportunity to explore natural resources and ecology through hands-on projects and activities while studying topics such as land use, water quality, stewardship, and environmental agencies. Study of the natural world including biomes, land, air, water, energy, use and care as well as a focus on issues surrounding man's interaction with the Earth will be addressed in this course.

Other Info: This course can only be taught by CASE certified teachers following the CASE curriculum.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100

**CASE FOOD SCIENCE AND SAFETY**

Short Name  
**CASEFOODSC**

Course Code  
**018065**

Food Science and Safety is a specialization course in the CASE Program of Study. Students will complete hands-on activities, projects, and problems that simulate actual concepts and situations found in the food science and safety industry, allowing students to build content knowledge and technical skills. Students will investigate areas of food science including food safety, food chemistry, food processing, food product development, and marketing.

Other Info: This course can only be taught by CASE certified teachers following the CASE curriculum.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100

<b>AGRICULTURE, FOOD AND NATURAL RESOURCES</b>
--

<b>CASE AGRICULTURAL POWER AND TECHNOLOGY</b>	<u>Short Name</u> <b>CASEAGTECH</b>	<u>Course Code</u> <b>018066</b>
---	--	-------------------------------------

Agricultural Power and Technology is a foundation level course designed to prepare students for the wide array of career opportunities in agricultural engineering. Students are immersed in inquiry-based exercises that tie in the math and science of agricultural mechanics and engineering.

Other Info: This course can only be taught by CASE certified teachers following the CASE curriculum.

Recommended Level: Grades 10-12  
 Career Cluster: Agriculture, Food, and Natural Resources

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100

<b>FNS - FOOD PRODUCTION, NUTRITION, AND HEALTH</b>	<u>Short Name</u> <b>FOOD PROD</b>	<u>Course Code</u> <b>018080</b>
---	---------------------------------------	-------------------------------------

This is a project-based foundational course to introduce students to the size and scope of food production, nutrition, and health, and the underlying principles. Students will define the food science industry, describe historical milestones, and analyze how the production, processing, distribution, and marketing of food and food products influence consumer behavior and health. Students will apply knowledge about food products, nutrients, and the chemical and physical properties of food to solve human nutrition and health problems. Upon completion of this course, students are prepared to enroll in either Food Science or Nutrition Science courses within this program of study in preparation for careers in those areas.

Other Info: This course can only be taught by teachers who have completed the FNS training following the FNS curriculum.

Recommended Level: Grades 10-12  
 Career Cluster: Agriculture, Food, and Natural Resources

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
FAMILY/CONSUMER SCIENCE	0903

<b>FNS - FOOD SCIENCE</b>	<u>Short Name</u> <b>FOOD SCI</b>	<u>Course Code</u> <b>018081</b>
---------------------------	--------------------------------------	-------------------------------------

This is a project-based course focusing on preparing students for further education and careers in the Food Science industry. Students will investigate the production, processing, distribution, and marketing of food to consumers. Students will apply the science associated with food and food products to the selection, preservation, processing, packaging, and distribution of safe and nutritious food. Students will explain the impacts of food on human health and nutrition.

Other Info: This course can only be taught by teachers who have completed the FNS training following the FNS curriculum.

Recommended Level: Grades 10-12  
 Career Cluster: Agriculture, Food, and Natural Resources

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
FAMILY/CONSUMER SCIENCE	0903

<b>AGRICULTURE, FOOD AND NATURAL RESOURCES</b>
--

**FNS - NUTRITION SCIENCE**

Short Name

Course Code

**NUTRI SCI**

**018082**

This is a project-based course focusing on preparing students for further education and careers in the Nutrition Science industry. Students will understand the relationship between the body, nutrients, and health. Students will apply these understandings and the socioeconomic, cultural, and community influences on diet to develop dietary plans for a variety of lifestyles and human health concerns.

Other Info: This course can only be taught by teachers who have completed the FNS training following the FNS curriculum.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
FAMLY/CONSMR SCIENCE	0903

**AGRICULTURE, FOOD AND NATURAL RESOURCES, OTHER**

Short Name

Course Code

**AGRI OTHER**

**019930**

Programs or courses not listed or classified. This code may be used for such courses as: Independent Study, Aquaculture, International Agriculture. Please note courses coded in this area do not count toward an approved Nebraska Career Education Program of Study.

Recommended Level: Grades 7-12

Career Cluster: Agriculture, Food and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
HORT EDUC	0905

**AGRICULTURE, FOOD AND NATURAL RESOURCES, OTHER**

Short Name

Course Code

**AGRI OTHER**

**019931**

Programs or courses not listed or classified. This code may be used for such courses as: Independent Study, Aquaculture, International Agriculture. Please note courses coded in this area do not count toward an approved Nebraska Career Education Program of Study.

Recommended Level: Grades 7-12

Career Cluster: Agriculture, Food and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
HORT EDUC	0905

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 14</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

**AGRICULTURE, FOOD AND NATURAL RESOURCES**

**AGRICULTURE, FOOD AND NATURAL RESOURCES, OTHER**

Short Name  
**AGRI OTHER**      Course Code  
**019932**

Programs or courses not listed or classified. This code may be used for such courses as: Independent Study, Aquaculture, International Agriculture. Please note courses coded in this area do not count toward an approved Nebraska Career Education Program of Study.

Recommended Level: Grades 7-12

Career Cluster: Agriculture, Food and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
HORT EDUC	0905

**AGRICULTURE, FOOD AND NATURAL RESOURCES, OTHER**

Short Name  
**AGRI OTHER**      Course Code  
**019933**

Programs or courses not listed or classified. This code may be used for such courses as: Independent Study, Aquaculture, International Agriculture. Please note courses coded in this area do not count toward an approved Nebraska Career Education Program of Study.

Recommended Level: Grades 7-12

Career Cluster: Agriculture, Food and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
HORT EDUC	0905

**AGRICULTURE, FOOD AND NATURAL RESOURCES, OTHER**

Short Name  
**AGRI OTHER**      Course Code  
**019934**

Programs or courses not listed or classified. This code may be used for such courses as: Independent Study, Aquaculture, International Agriculture. Please note courses coded in this area do not count toward an approved Nebraska Career Education Program of Study.

Recommended Level: Grades 7-12

Career Cluster: Agriculture, Food and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
HORT EDUC	0905

<b>BUSINESS, MARKETING AND MANAGEMENT</b>
---

**ACCOUNTING**

<u>Short Name</u>	<u>Course Code</u>
<b>ACCT</b>	<b>030300</b>

This two-semester course covers sole proprietorship accounting principles involved in the preparation and maintenance of financial records concerned with business management and operations. It is a comprehensive introduction to basic accounting including recording, summarizing and reporting, principles of income measurement and asset valuation, accounting systems and controls. Students are exposed to careers in the accounting field and are given the opportunity to perform accounting applications using the computer. An introduction to partnerships and corporations may be included.

Recommended Level: Grades 10-12

Career Cluster: Finance

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

**ACCOUNTING, ADVANCED**

<u>Short Name</u>	<u>Course Code</u>
<b>ACCT AD</b>	<b>030301</b>

This is a two-semester course that includes partnership and corporate accounting, adjustment in inventory control systems, budgetary control systems and further enhancement of accounting skills. Accounting is a prerequisite.

Recommended Level: Grades 11-12

Career Cluster: Finance

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

**COLLEGE PRINCIPLES OF ACCOUNTING**

<u>Short Name</u>	<u>Course Code</u>
<b>PRIN ACCT</b>	<b>030302</b>

This two-semester course is designed to provide introductory knowledge of accounting principles, concepts, and practices. Included topics are the balance sheet, the income statement, the statement of owner's equity, the statement of cash flows, worksheets, journals, ledgers, accruals, adjusting and closing entries, internal controls, inventories, fixed and intangible assets, liabilities, equity and financial statement analysis. This course provides a foundation for more advanced work in the fields of accounting and business. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

**BUSINESS, MARKETING AND MANAGEMENT****COLLEGE PRINCIPLES OF ACCOUNTING II**Short NameCourse Code**PRINACCTII****030303**

This course is a continuation of ACCT 1200 and is part of a Finance Academy. Principles of Accounting II includes accounting for businesses organized as corporations, cash flow statements, accounting for manufacturing businesses, preparing and using accounting data for management decision making, and analyzing and interpreting financial statements. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

**Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:**

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

**BUSINESS COMMUNICATION**Short NameCourse Code**BUSNS COMM****030600**

Students will reinforce communication skills needed in business, management and administrative occupations by composing and reading written and digital communications, developing and delivering formal and informal presentations, applying active listening skills to obtain and clarify information, and exhibiting interpersonal skills to deal positively with diverse individuals. Students will use tables, charts, and figures to support written and oral communication, and locate, organize, and reference written information from various sources to communicate effectively. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 9-12

Career Cluster: Business Management and Administration

**Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:**

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

**FINANCIAL PLANNING**Short NameCourse Code**FIN PLAN****030801**

This course is part of the National Academy Foundation's Academy of Finance. Financial Planning provides students with an overview of the job of a financial planner. Students look at financial planning in an objective way that requires them to regard all aspects of financial planning as relevant to a potential client.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

**Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:**

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304



**BUSINESS, MARKETING AND MANAGEMENT****INSURANCE**Short NameCourse Code**INSUR****030802**

This course is part of the National Academy Foundation's Academy of Finance. This course introduces students to the insurance industry and to its critical role in the financial services sector and to society. It covers common types of insurance, including life, health and disability, property, liability, and forms of commercial insurance, and career opportunities.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

**FINANCIAL SERVICES**Short NameCourse Code**FIN SERV****030803**

This course is part of the National Academy Foundation's Academy of Finance. Financial Services provides students with an overview of financial services companies. This course introduces student to banking, monetary policy, investing, and financial careers. Students examine current issues including ethics in the financial services industry.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

**COLLEGE FUNDAMENTALS OF FINANCIAL PLANNING**Short NameCourse Code**COL FIN PL****030804**

This course is a college course that is part of a Finance Academy. This course is the first of two courses examining the fundamentals of financial planning. Students will examine the principles of financial planning, steps in the financial planning process, tools and techniques used in the planning process, and explore careers associated with financial planning. This course may be available for dual credit at the postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

<b>BUSINESS, MARKETING AND MANAGEMENT</b>
---

**BUSINESS LAW**

Short Name

Course Code

**BUSNS LAW**

**030900**

A course designed to present the study of the legal rights and responsibilities necessary to be informed and productive citizens. Key concepts include contracts and torts, the role of courts, litigation and constitutional issues including civil and criminal law.

Recommended Level: Grades 10-12

Career Cluster: Business Management and Administration

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

**COLLEGE BUSINESS LAW**

Short Name

Course Code

**COL BUSLAW**

**030901**

This course is a college course that is part of a Finance Academy. This course offers an introduction to ordinary legal aspects of business transactions involving such topics as legal rights and duties, law of contracts, law of sales, and law of property. It gives a general understanding and development of basic legal logic in business situations through the use of principles, cases, and information useful in determining the need for professional counsel. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 19</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>BUSINESS, MARKETING AND MANAGEMENT</b>
---

<b>BUSINESS ECONOMICS</b>	<u>Short Name</u> <b>BUSNS ECON</b>	<u>Course Code</u> <b>031800</b>
---------------------------	--	-------------------------------------

Business Economics is a course designed to help students make decisions and understand economic principles as applied to current events and issues. Emphasis includes allocation of resources, economic systems, economic institutions and incentives, markets and prices, market structures, productivity, role of government, global economic concepts, and economic indicators.

Recommended Level: Grades 11-12

Career Cluster: Finance

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503
SOCIAL SCIENCE	1501

<b>BUSINESS STRATEGIES</b>	<u>Short Name</u> <b>BUSNSTRAT</b>	<u>Course Code</u> <b>031805</b>
----------------------------	---------------------------------------	-------------------------------------

This course is part of the MBA Research Consortium's High School of Business National Model. Business strategies develop student understanding of skills in such areas as business law, entrepreneurship, financial analysis, human resources management, and strategic management. By planning, organizing, staffing, directing, leading, and controlling business activities, students acquire a realistic understanding of what is required to open and successfully run a business. They conduct situational, market, and competitive analyses; select a target market; develop a business plan; recruit, interview, select, and hire staff; supervise staff; control use of resources; and evaluate the results of the business effort. Throughout the course, students make decisions and use problem-solving skills. Formal reflection is an on-going component of the course.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

<b>BUSINESS, MARKETING AND MANAGEMENT</b>
---

<b>INTRODUCTION TO BUSINESS, MARKETING &amp; MGMT</b>	<u>Short Name</u> <b>INTROBUSNS</b>	<u>Course Code</u> <b>032300</b>
---	--	-------------------------------------

This course is designed as an introductory overview of the Business, Marketing and Management Career Field. Units of study include economic systems, forms of business ownership, management, marketing, and accounting. Career opportunities will also be explored.

Recommended Level: Grades 9-12

Career Cluster: Business Management and Administration

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

<b>EXPLORATION OF BUSINESS AND ENTREPRENEURSHIP</b>	<u>Short Name</u> <b>EXPBUS ENT</b>	<u>Course Code</u> <b>032350</b>
---	--	-------------------------------------

A middle-level course designed to give students an overview of Business, Marketing and Management Career Field and Clusters with an emphasis on entrepreneurship. Students will begin the study of personal money management, basic business concepts, entrepreneurship concepts, the role of business in our society and be introduced to entrepreneurship as a career option.

Recommended Level: Middle/Junior High

Career Cluster: Career Development and Exploratory Courses

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

<b>ENTREPRENEURSHIP</b>	<u>Short Name</u> <b>ENTREP</b>	<u>Course Code</u> <b>032370</b>
-------------------------	------------------------------------	-------------------------------------

Entrepreneurship is a course designed for students with a career interest in entrepreneurship. Emphasis is placed on the evaluation of the business skills and commitment necessary to successfully operate an entrepreneurial venture and review the challenges and rewards of entrepreneurship. The role of entrepreneurial businesses in the United States and the impact on the national and global economy will be explored. Instructional strategies include the development of a business plan, operation of a school-based business, or actual creation of a student-run business.

Recommended Level: Grades 9-12

Career Cluster: Business Management and Administration

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

**BUSINESS, MARKETING AND MANAGEMENT**

**COLLEGE INTRODUCTION TO BUSINESS**

Short Name

Course Code

**COLINT BSN**

**032400**

This college-level course surveys the structure and functions of the American business system in a global society, together with an overview of business organization, economics, management, marketing, and finance. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

**COLLEGE INTRODUCTION TO ENTREPRENEURSHIP**

Short Name

Course Code

**COL ENTREP**

**032600**

College Introduction to Entrepreneurship is a course designed for students with a career interest in entrepreneurship. Emphasis is placed on the evaluation of the business skills and commitment necessary to successfully operate an entrepreneurial venture and review the challenges and rewards of entrepreneurship. The role of entrepreneurial businesses in the United States and the impact on the national and global economy will be explored. Instructional strategies include the development of a business plan, operation of a school-based business, or actual creation of a student-run business. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

**COLLEGE ENTREPRENEURSHIP FEASIBILITY STUDY**

Short Name

Course Code

**COL ENTFEA**

**032601**

College Entrepreneurship Feasibility Study is a course in which students will assess the viability of a new venture business idea to determine if the concept is feasible. The student will identify and analyze the present climate for their business idea by completing an industry, target market, and competitive analysis. The student will assess the financial needs for startup as well as their own skills, strengths, and talents to launch a successful business idea. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

**BUSINESS, MARKETING AND MANAGEMENT**

**COLLEGE ENTREPRENEURSHIP LEGAL ISSUES**

Short Name  
**COLENT LGL**

Course Code  
**032602**

College Entrepreneurship Legal Issues explores legal issues related to business entities including sole proprietorship, general partnerships, limited partnerships, and corporations. Students will review contract law, articles of incorporations and the filing process, intellectual property, employment law (including FERPA, ADA, and FMLA), personnel policies and procedures, the hiring process, job descriptions, disciplinary actions, and business insurance. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

**COLLEGE MARKETING FOR THE ENTREPRENEUR**

Short Name  
**COL MKENT**

Course Code  
**032603**

College Marketing for the Entrepreneur will provide insights essential for marketing an entrepreneurial venture utilizing innovative and financially responsible marketing strategies. Students will develop an understanding of traditional and non-traditional entrepreneurial marketing strategies and prepare marketing strategies with associated tactics to launch and sustain an entrepreneurial venture. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

**COLLEGE ENTREPRENEURSHIP FINANCIAL TOPICS**

Short Name  
**COL ENTFIN**

Course Code  
**032604**

This course will cover financial topics for small business. Financial topics include budgeting, creation of financial statements and learning how to work with an accounting professional. Other topics covered are income tax, sales and use tax, unemployment tax, employee benefits and retirement planning. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

**BUSINESS, MARKETING AND MANAGEMENT**

**COLLEGE ENTREPRENEURSHIP BUSINESS PLAN**

Short Name  
**COL ENTBPL**

Course Code  
**032605**

The student will evaluate a business concept and create a business plan. Students will assess the strengths and weaknesses of a business concept, apply research data into the plans, and prepare the financial projections for the business concept. Students will identify and evaluate various resources available for funding small businesses. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

**MANAGEMENT AND LEADERSHIP**

Short Name  
**MGT/LEAD**

Course Code  
**032802**

This course emphasizes the basic concepts of management and leadership within a business or organization. It addresses characteristics, organization, and operation of business as major sectors of the economy. Students will investigate management issues involved in planning, organizing, leading, and controlling an organization. They will also acquire essential skills in the areas of emotional intelligence: time management, stress management, professional growth and development, communication, and relationship skills.

Recommended Level: Grades 10-12

Career Cluster: Business Management and Administration

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

**COLLEGE PRINCIPLES OF MANAGEMENT**

Short Name  
**COL MGT**

Course Code  
**032803**

This course is a college course that is part of a Finance Academy. This is an introduction to the theory and practice of management of the organization. Special attention is devoted to the processes of planning, decision making, organizing, leading, and controlling the organization. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

<b>BUSINESS, MARKETING AND MANAGEMENT</b>
---

**PERSONAL FINANCE**

Short Name

Course Code

**PERSON FIN**

**033000**

The goal of personal finance is to help students become financially responsible, conscientious members of society. This course develops student understanding and skills in money management; budgeting; financial goal attainment; use of credit; insurance; investments; and consumer rights and responsibilities. Application of academic concepts, technology, and career planning are integrated throughout the curriculum.

Recommended Level: Grades 11-12

Career Cluster: Finance

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503

**PRINCIPLES OF FINANCE**

Short Name

Course Code

**PRIN FIN**

**033001**

This course is part of the MBA Research Consortium's High School of Business National Model. Principles of Finance furthers student understanding of two specific business activities - accounting and finance. Students acquire an understanding of financial statements, calculate financial ratios, and make corporate financial management decisions based on their analysis of that financial data.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503



**BUSINESS, MARKETING AND MANAGEMENT**

**COLLEGE WEALTH BUILDING & FINANCIAL MANAGEMENT**

Short Name  
**COL WEALTH**

Course Code  
**033002**

This course is designed to provide knowledge of personal financial management. Students learn to manage their resources to make sound personal financial decisions, interpret data to develop short and long term budgetary plans, and develop product knowledge related to financial planning. Students will develop a financial plan that includes savings, investing, credit management, risk management, and retirement. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503

**COLLEGE INTERNATIONAL FINANCE**

Short Name  
**COL INTFIN**

Course Code  
**033003**

This course is a college course that is part of a Finance Academy. This course offers an introduction to an analysis of international finance providing a conceptual framework within which the unique financial decisions of the multinational firm can be analyzed. The student gains an understanding of decision elements of the international organization such as divergences in currencies, exchange rate issues (variations and controls), rates of inflation, tax systems, money and capital markets, and political systems. This course may be available for dual credit a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503

**COLLEGE INTRODUCTION TO INVESTMENT**

Short Name  
**COL INVEST**

Course Code  
**033004**

This course is a college course that is part of a Finance Academy. This course presents an introductory review of investment concepts and theory including analysis of individual investments, stocks, bonds, mutual funds, security markets, and portfolio management. This course may be available for dual credit a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503

**BUSINESS, MARKETING AND MANAGEMENT****INTRODUCTION TO BUSINESS TECHNOLOGY**Short NameCourse Code**INTRO TECH****033422**

Middle-level course designed to emphasize digital life, use business productivity applications, and explore Information Technology careers. Students will master keyboarding skills; compose, create, edit, and format word processing documents; organize and manipulate data in a spreadsheet; and prepare a digital presentation. An introduction to basic principles in digital media and computer science will be included.

Recommended Level: Middle/Junior High

Career Cluster: Business Management and Administration

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701
MIDDLE GR/BUSINESS ED	1812

**KEYBOARDING APPLICATIONS**Short NameCourse Code**KEYBD APP****033501**

Keyboarding is identified as a foundation knowledge and skill area for all students regardless of their career interest. This middle-level course is designed for students to learn touch typing techniques and proper keystroking while continuing to develop composition and proofreading skills as well as speed and accuracy. Students will demonstrate keyboarding proficiency in document formatting (letters, reports, and tables). Students will demonstrate acceptable ethical and social behavior while developing keyboarding skills.

Recommended Level: Middle/Junior High

Career Cluster: Career Development and Exploratory Courses

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701
MIDDLE GR/BUSINESS ED	1812

<b>BUSINESS, MARKETING AND MANAGEMENT</b>
---

**BUSINESS IN A GLOBAL ECONOMY**

<u>Short Name</u>	<u>Course Code</u>
<b>GLOBL ECON</b>	<b>034100</b>

This course is part of the National Academy Foundation's Academy of Finance, Business in a Global Economy provides students with an understanding of how and why businesses choose to expand their operations into other countries. This course exposes students to the unique challenges facing firms doing business internationally and to the potential opportunities and markets that are lost to firms that choose not to do business in the global marketplace.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

**MARKETING**

<u>Short Name</u>	<u>Course Code</u>
<b>MARKET</b>	<b>038100</b>

Students will explore the basic functions of marketing: pricing, promotion, product planning, and place/distribution: the marketing mix. The curriculum provides the foundational skills and knowledge in economics, communications skills/interpersonal skills, professional career development, business, management, and entrepreneurship. Application of academic concepts and technology are integrated throughout the curriculum.

Recommended Level: Grades 10-12

Career Cluster: Marketing

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

**MARKETING MANAGEMENT**

<u>Short Name</u>	<u>Course Code</u>
<b>MARK MGT</b>	<b>038101</b>

This course develops student understanding and skills promotion, channel management, marketing information management, market planning, pricing, and product/service management. The curriculum utilizes communication, team building, and problem-solving skills while applying academic and critical-thinking strategies. Application of academic concepts and technology are integrated throughout the curriculum enhancing career and professional development.

Recommended Level: Grades 10-12

Career Cluster: Marketing

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304

**BUSINESS, MARKETING AND MANAGEMENT**

**ADVANCED MARKETING**

Short Name

Course Code

**ADV MKTG**

**038200**

The course will emphasize entrepreneurial development and responsive marketing strategies that meet customer needs. The course focuses on marketing concepts and the role of marketing in the organization and society. Topics include market segmentation, product development, promotion, distribution, and pricing. Additional topics include external environment, economics, politics, government, market research, international marketing, cultural diversity, ethics, technology, and careers in marketing. Capstone activities include development of a marketing or business plan.

Recommended Level: Grades 11-12

Career Cluster: Marketing

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

BUSINESS, MARKETING, INFO TECH

0304

**COLLEGE PRINCIPLES OF MARKETING**

Short Name

Course Code

**COL MKTG**

**038201**

The course is an introduction to the language and issues of marketing with an emphasis on learning to develop responsive marketing strategies that meet customer needs. The course focuses on marketing concepts and the role of marketing in the organization and society. Topics include market segmentation, product development, promotion, distribution, and pricing. Additional topics include external environment, economics, politics, government, marketing research, international marketing, cultural diversity, ethics, technology, and careers in marketing. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Marketing

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

BUSINESS, MARKETING, INFO TECH

0304

**ADVANCED PLACEMENT MACROECONOMICS**

Short Name

Course Code

**AP MACECON**

**038500**

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. The purpose of an AP course in macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. This course places particular emphasis on the study of national income and price-level determination and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

BASIC BUSINESS

0301

BUSINESS, MARKETING, INFO TECH

0304

ECONOMICS

1503

<b>BUSINESS, MARKETING AND MANAGEMENT</b>
---

**ADVANCED PLACEMENT MICROECONOMICS**

Short Name

Course Code

**AP MICECON**

**038501**

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. The purpose of an AP course in microeconomics is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. This course places primary emphasis on the nature and functions of product markets and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503

**COLLEGE MACROECONOMICS**

Short Name

Course Code

**CMACROEC**

**038502**

This is a course designed to help students explore theories of employment, Gross Domestic Product, inflation and economic growth. Topics include income theories, savings and investments, business fluctuations, inflation, growth theories and monetary and fiscal policies. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503

<b>BUSINESS, MARKETING AND MANAGEMENT</b>
---

**COLLEGE MICROECONOMICS**

<u>Short Name</u>	<u>Course Code</u>
<b>CMICROEC</b>	<b>038503</b>

This course presents the theory and application of the four market structures: pure competition, monopolistic competition, oligopoly and monopoly. Students determine the revenue, costs, output and prices for each market structure along with the social implications of each. In addition, the course analyzes various social issues using the microeconomic principles of elasticity, benefit and cost, and diminishing returns analysis. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503

**BUSINESS, MARKETING AND MANAGEMENT, OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>BUSNS OTH</b>	<b>039930</b>

Courses not otherwise listed. Using codes 039930 through 039934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Business Management and Administrator

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304

**BUSINESS, MARKETING AND MANAGEMENT, OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>BUSNS OTH</b>	<b>039931</b>

Courses not otherwise listed. Using codes 039930 through 039934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Business Management and Administrator

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304

**BUSINESS, MARKETING AND MANAGEMENT****BUSINESS, MARKETING AND MANAGEMENT, OTHER**Short NameCourse Code**BUSNS OTH****039932**

Courses not otherwise listed. Using codes 039930 through 039934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Business Management and Administrator

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement NameEndorsement Number

BUSINESS, MARKETING, INFO TECH

0304

**BUSINESS, MARKETING AND MANAGEMENT, OTHER**Short NameCourse Code**BUSNS OTH****039933**

Courses not otherwise listed. Using codes 039930 through 039934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Business Management and Administrator

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement NameEndorsement Number

BUSINESS, MARKETING, INFO TECH

0304

**BUSINESS, MARKETING AND MANAGEMENT, OTHER**Short NameCourse Code**BUSNS OTH****039934**

Courses not otherwise listed. Using codes 039930 through 039934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Business Management and Administrator

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement NameEndorsement Number

BUSINESS, MARKETING, INFO TECH

0304

**CAREER EDUCATION FOUNDATIONAL AND SPECIALTY**

**MIDDLE SCHOOL CAREER DEVELOPMENT**

Short Name

Course Code

**MS CAREER**

**320100**

Students learn how to effectively explore careers while using the Nebraska Career Education Model and related resources. Students will learn the vocabulary and expectations of effective academic and career planning. A focus will be to discover the relationship between personal-social qualities, interests and skills to a wide variety of careers and postsecondary options to choose from. Emphasis will be given to learn and opportunities to practice the Nebraska Career Readiness Standards of Practice, which are current expectations in today's workplace. Students will draw upon these conclusions to develop a Personal Learning Plan to transition into high school with a broad career cluster focus.

Recommended Level: Middle/Junior High

Career Cluster: Career Development and Exploratory Courses

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSUMER SCIENCE	0903
MIDDLE GR/AG EDUCATION	1810
MIDDLE GR/BUSINESS ED	1812
MIDDLE GR/FAMILY & CONSUMER	1813
MIDDLE GR/INDUSTRIAL TECH	1816
SCHOOL COUNSELOR	2501
SKILLED & TECHNICAL SCIENCES	1000

**HIGH SCHOOL CAREER DEVELOPMENT**

Short Name

Course Code

**HS CAREER**

**320101**

Students learn and apply the career and college planning process using the Nebraska Career Education Model and related resources. Students will identify personal interests, skills and values, then apply this knowledge to both academic and career decision making. Students will demonstrate progress/proficiency in Nebraska Career Readiness Standards of Practice which are current expectations in today's workplace. Student will activate the planning process by setting goals, developing and implement a Personal Learning Plan, for effective transition from high school to most appropriate post secondary education based on knowledge of self, career goal and financial considerations.

Recommended Level: High School

Career Cluster: Career Development and Exploratory Courses

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSUMER SCIENCE	0903
MIDDLE GR/AG EDUCATION	1810
MIDDLE GR/BUSINESS ED	1812
MIDDLE GR/FAMILY & CONSUMER	1813
MIDDLE GR/INDUSTRIAL TECH	1816
SCHOOL COUNSELOR	2501
SKILLED & TECHNICAL SCIENCES	1000



<b>CAREER EDUCATION FOUNDATIONAL AND SPECIALTY</b>
--

**ENGAGE! CAREER EXPLORATION AND READINESS**

Short Name

Course Code

**ENGAGE**

**320300**

This is a project based course designed to help middle school students explore career options using the Nebraska Career Education Model and understand the Nebraska Career Readiness Standards. The course is organized by three themes - Making it My Choice, A World of Options and Charting a Direction - with culminating individual and group projects. Students will define career clusters and pathways, describe examples of career readiness, utilize self-assessments to better understand interests, establish a career portfolio and create a personal learning plan to provide direction to high school and post-high school activities. This course is aligned to American School Counselor Association Standards for Students and integrates EducationQuest tools and resources for middle school students.

Recommended Level: Grades 7-8

Career Cluster: Career Development and Exploratory Courses

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSUMER SCIENCE	0903
MIDDLE GR/AG EDUCATION	1810
MIDDLE GR/BUSINESS ED	1812
MIDDLE GR/FAMILY & CONSUMER	1813
MIDDLE GR/INDUSTRIAL TECH	1816
SCHOOL COUNSELOR	2501
SKILLED & TECHNICAL SCIENCES	1000

**FUNDAMENTALS OF ENTREPRENEURSHIP**

Short Name

Course Code

**FUN ENTREP**

**320600**

Fundamentals of Entrepreneurship is a course designed for students to explore the characteristics of an entrepreneur within any of the six career fields. Students will analyze opportunities in entrepreneurship. Emphasis is on understanding the forms of business ownership and reviewing the challenges and rewards of entrepreneurship. The role of entrepreneurial businesses in the United States and the impact on the local, regional and national economy will be explored. Students will identify and understand the rationale of a start-up business plan.

Recommended Level: Grades 9-12

Career Cluster: Career Development and Exploratory Courses

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSUMER SCIENCE	0903

**CAREER EDUCATION FOUNDATIONAL AND SPECIALTY****OTHER WORK-BASED LEARNING CLASS**Short NameCourse Code**WKBL CL****320700**

A class that provides students the opportunity to connect what they learn in school with worksite application. Students are placed in an occupation that best relates to their career interest and aptitude. The school and business community work together to plan activities that will enable each student to apply the knowledge, attitudes and skills learned in the classroom to actual business situations and positions.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement NameEndorsement Number

WORK-BASED LEARNING

1605

**OTHER WORK-BASED LEARNING EXPERIENCE**Short NameCourse Code**WKBL EXP****320701**

This course allows the district to award credit for the work based learning work experience. This is a companion course to 320700, the classroom portion of the COOP/DO, work based learning program.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement NameEndorsement Number

WORK-BASED LEARNING

1605

**AFNR WORK-BASED LEARNING EXPERIENCE**Short NameCourse Code**AFNR WBL****320702**

This course allows the district to award credit for an Agriculture, Food and Natural Resources work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement NameEndorsement Number

WORK-BASED LEARNING

1605

<b>CAREER EDUCATION FOUNDATIONAL AND SPECIALTY</b>
--

**ARCH & CONST WORK-BASED LEARNING EXPERIENCE**

Short Name

Course Code

**AC WBL**

**320703**

This course allows the district to award credit for an Architecture and Construction work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

CCareer Cluster: Career Development and Exploratory Courses

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORK-BASED LEARNING

1605

**ARTS, AV & COM WORK-BASED LEARNING EXPERIENCE**

Short Name

Course Code

**AAVC WBL**

**320704**

This course allows the district to award credit for an Arts, AV Technology & Communication work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORK-BASED LEARNING

1605

**BUSINESS MGMT WORK-BASED LEARNING EXPERIENCE**

Short Name

Course Code

**BMA WBL**

**320705**

This course allows the district to award credit for a Business, Management and Administration work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORK-BASED LEARNING

1605

**CAREER EDUCATION FOUNDATIONAL AND SPECIALTY****ED & TRAIN WORK-BASED LEARNING EXPERIENCE**Short NameCourse Code**EDT WBL****320706**

This course allows the district to award credit for an Education and Training work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement NameEndorsement Number

WORK-BASED LEARNING

1605

**ENERGY & ENG WORK-BASED LEARNING EXPERIENCE**Short NameCourse Code**EE WBL****320707**

This course allows the district to award credit for an Energy and Engineering work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement NameEndorsement Number

WORK-BASED LEARNING

1605

**FINANCE WORK-BASED LEARNING EXPERIENCE**Short NameCourse Code**FIN WBL****320708**

This course allows the district to award credit for a Finance work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement NameEndorsement Number

WORK-BASED LEARNING

1605

<b>CAREER EDUCATION FOUNDATIONAL AND SPECIALTY</b>
--

**GOVT, PUBLIC ADMIN WORK-BASED LEARNING EXPERIENCE**

Short Name

Course Code

**GPA WBL**

**320709**

This course allows the district to award credit for a Government and Public Administration work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORK-BASED LEARNING

1605

**HEALTH SCIENCE WORK-BASED LEARNING EXPERIENCE**

Short Name

Course Code

**HS WBL**

**320710**

This course allows the district to award credit for a Health Science work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORK-BASED LEARNING

1605

**HOSPITALITY & TOURISM WORK-BASED LEARNING EXPERIENCE**

Short Name

Course Code

**HT WBL**

**320711**

This course allows the district to award credit for a Hospitality & Tourism work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORK-BASED LEARNING

1605

<b>CAREER EDUCATION FOUNDATIONAL AND SPECIALTY</b>
--

<b>HUMAN SERVICES/FACS WORK-BASED LEARNING EXPERIENCE</b>	<u>Short Name</u> <b>HSFACS WBL</b>	<u>Course Code</u> <b>320712</b>
---	--	-------------------------------------

This course allows the district to award credit for a Human Services/FACS work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORK-BASED LEARNING	1605

<b>INFORMATION TECHNOLOGY WORK-BASED LEARNING EXPERIENCE</b>	<u>Short Name</u> <b>IT WBL</b>	<u>Course Code</u> <b>320713</b>
--	------------------------------------	-------------------------------------

This course allows the district to award credit for an Information Technology work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORK-BASED LEARNING	1605

<b>LAW, PUBLIC SAFETY WORK-BASED LEARNING EXPERIENCE</b>	<u>Short Name</u> <b>LPSS WBL</b>	<u>Course Code</u> <b>320714</b>
--	--------------------------------------	-------------------------------------

This course allows the district to award credit for a Law, Public Safety & Security work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORK-BASED LEARNING	1605

<b>CAREER EDUCATION FOUNDATIONAL AND SPECIALTY</b>
--

**MANUFACTURING WORK-BASED LEARNING EXPERIENCE**

<u>Short Name</u>	<u>Course Code</u>
<b>MFCT WBL</b>	<b>320715</b>

This course allows the district to award credit for a Manufacturing work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORK-BASED LEARNING	1605

**MARKETING WORK-BASED LEARNING EXPERIENCE**

<u>Short Name</u>	<u>Course Code</u>
<b>MKT WBL</b>	<b>320716</b>

This course allows the district to award credit for a Marketing work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORK-BASED LEARNING	1605

**TRANSPORTATION WORK-BASED LEARNING EXPERIENCE**

<u>Short Name</u>	<u>Course Code</u>
<b>TDL WBL</b>	<b>320717</b>

This course allows the district to award credit for a Transportation, Distribution and Logistics work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORK-BASED LEARNING	1605

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 40</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

**CAREER EDUCATION FOUNDATIONAL AND SPECIALTY**

<b>ENGLISH/LANGUAGE ARTS WORK-BASED LEARNING EXPERIENCE</b>	<u>Short Name</u> <b>ELA WBL</b>	<u>Course Code</u> <b>320718</b>
---	-------------------------------------	-------------------------------------

This course allows the district to award credit for an English Language Arts work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORK-BASED LEARNING	1605

<b>MATHEMATICS WORK-BASED LEARNING EXPERIENCE</b>	<u>Short Name</u> <b>MATH WBL</b>	<u>Course Code</u> <b>320719</b>
---	--------------------------------------	-------------------------------------

This course allows the district to award credit for a Mathematics work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORK-BASED LEARNING	1605

<b>SCIENCE WORK-BASED LEARNING EXPERIENCE</b>	<u>Short Name</u> <b>SCI WBL</b>	<u>Course Code</u> <b>320720</b>
---	-------------------------------------	-------------------------------------

This course allows the district to award credit for a Science work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORK-BASED LEARNING	1605



**CAREER EDUCATION FOUNDATIONAL AND SPECIALTY****SOCIAL STUDIES WORK-BASED LEARNING EXPERIENCE**Short NameCourse Code**SS WBL****320721**

This course allows the district to award credit for a Social Studies work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement NameEndorsement Number

WORK-BASED LEARNING

1605

**REGISTERED APPRENTICESHIP CLASS**Short NameCourse Code**REG APP CL****320722**

This course provides the required instruction as approved by the USDOL for students to be in a registered apprenticeship program.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement NameEndorsement Number

WORK-BASED LEARNING

1605

**REGISTERED APPRENTICESHIP WORK**Short NameCourse Code**REG APP WK****320723**

This course code is used to award credit for work-based learning experience as a part of a USDOL Registered Apprentice Program.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Career Development and Exploratory Courses

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement NameEndorsement Number

WORK-BASED LEARNING

1605

<b>CAREER EDUCATION FOUNDATIONAL AND SPECIALTY</b>
--

<b>CAREER ED FOUNDATIONAL &amp; SPECIALTY, OTHER</b>	<u>Short Name</u> <b>CEFS,OTHER</b>	<u>Course Code</u> <b>329930</b>
--	--	-------------------------------------

Courses not otherwise listed. Using codes 329930-329934 means you can add five "other courses" by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 6-12

Career Cluster: Career Development and Exploratory Courses

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSUMER SCIENCE	0903
MIDDLE GR/AG EDUCATION	1810
MIDDLE GR/BUSINESS ED	1812
MIDDLE GR/FAMILY & CONSUMER	1813
MIDDLE GR/INDUSTRIAL TECH	1816
SCHOOL COUNSELOR	2501
SKILLED & TECHNICAL SCIENCES	1000

<b>CAREER ED FOUNDATIONAL &amp; SPECIALTY, OTHER</b>	<u>Short Name</u> <b>CEFS,OTHER</b>	<u>Course Code</u> <b>329931</b>
--	--	-------------------------------------

Courses not otherwise listed. Using codes 329930-329934 means you can add five "other courses" by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 6-12

Career Cluster: Career Development and Exploratory Courses

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSUMER SCIENCE	0903
MIDDLE GR/AG EDUCATION	1810
MIDDLE GR/BUSINESS ED	1812
MIDDLE GR/FAMILY & CONSUMER	1813
MIDDLE GR/INDUSTRIAL TECH	1816
SCHOOL COUNSELOR	2501
SKILLED & TECHNICAL SCIENCES	1000

<b>CAREER EDUCATION FOUNDATIONAL AND SPECIALTY</b>
--

<b>CAREER ED FOUNDATIONAL &amp; SPECIALTY, OTHER</b>	<u>Short Name</u> <b>CEFS,OTHER</b>	<u>Course Code</u> <b>329932</b>
--	--	-------------------------------------

Courses not otherwise listed. Using codes 329930-329934 means you can add five "other courses" by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 6-12

Career Cluster: Career Development and Exploratory Courses

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSUMER SCIENCE	0903
MIDDLE GR/AG EDUCATION	1810
MIDDLE GR/BUSINESS ED	1812
MIDDLE GR/FAMILY & CONSUMER	1813
MIDDLE GR/INDUSTRIAL TECH	1816
SCHOOL COUNSELOR	2501
SKILLED & TECHNICAL SCIENCES	1000

<b>CAREER ED FOUNDATIONAL &amp; SPECIALTY, OTHER</b>	<u>Short Name</u> <b>CEFS,OTHER</b>	<u>Course Code</u> <b>329933</b>
--	--	-------------------------------------

Courses not otherwise listed. Using codes 329930-329934 means you can add five "other courses" by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 6-12

Career Cluster: Career Development and Exploratory Courses

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSUMER SCIENCE	0903
MIDDLE GR/AG EDUCATION	1810
MIDDLE GR/BUSINESS ED	1812
MIDDLE GR/FAMILY & CONSUMER	1813
MIDDLE GR/INDUSTRIAL TECH	1816
SCHOOL COUNSELOR	2501
SKILLED & TECHNICAL SCIENCES	1000

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 44</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

**CAREER EDUCATION FOUNDATIONAL AND SPECIALTY**

<b>CAREER ED FOUNDATIONAL &amp; SPECIALTY, OTHER</b>	<u>Short Name</u> <b>CEFS,OTHER</b>	<u>Course Code</u> <b>329934</b>
--	--	-------------------------------------

Courses not otherwise listed. Using codes 329930-329934 means you can add five "other courses" by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 6-12

Career Cluster: Career Development and Exploratory Courses

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSUMER SCIENCE	0903
MIDDLE GR/AG EDUCATION	1810
MIDDLE GR/BUSINESS ED	1812
MIDDLE GR/FAMILY & CONSUMER	1813
MIDDLE GR/INDUSTRIAL TECH	1816
SCHOOL COUNSELOR	2501
SKILLED & TECHNICAL SCIENCES	1000

**COMMUNICATION & INFORMATION SYSTEMS**

**PROGRAMMING I**

Short Name

Course Code

**PROG I**

**270401**

Programming I covers fundamental concepts of programming. These are provided through explanations and effects of commands and hands-on utilization of computers to produce correct output. This course introduces effective techniques necessary for the efficient solution of a variety of complex problems using a high-level programming language. It includes problem descriptions, flow charts, hierarchy diagrams, pseudocode, and program documentation as a means of solving these problems. This course emphasizes the creation of efficient algorithms through fundamental programming techniques such as input/output handling, programming structures, and data storage. Students are introduced to project management techniques, including standard debugging techniques and collaborative programming strategies.

Recommended Level: Grades 10-12

Career Cluster: Information Technology

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

**PROGRAMMING II**

Short Name

Course Code

**PROG II**

**270402**

Students will demonstrate advanced skills in the software development life cycle through in-depth use of a modern programming language. The content covered will include high-level, object-oriented concepts, while emphasizing the design of elegant solutions and efficient algorithms. Topics covered include the use of simple data types as well as complex data structures, best practices in application design, and the collaborative and social aspects of computing.

Recommended Level: Grades 10-12

Career Cluster: Information Technology

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

**PROGRAMMING III**

Short Name

Course Code

**PROG III**

**270403**

Students will demonstrate advanced skills in the program development process through expanded use of programming language. Languages may include, but are not limited to C++, Visual Basic, Java, SQL, RPG, COBOL and Assembler. Students demonstrating advanced level programming knowledge and skills may be exposed to collaborative environments that simulate project environments.

Recommended Level: Grades 11-12

Career Cluster: Information Technology

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

**COMMUNICATION & INFORMATION SYSTEMS**

**INTRODUCTION TO COMPUTER SCIENCE & WEB DESIGN**

Short Name

Course Code

**CS WEB**

**270410**

This course introduces students to the foundations of computer science with a focus on how computing powers the world. Students will explore computer science terminology and concepts and apply them to a culminating project using programming language to solve a problem. This course also introduces students to basic web design using HTML (Hypertext Markup Language) and CSS (Cascading Style Sheets). Students will be introduced to planning and designing effective web pages; creating web pages by writing HTML and CSS code, and producing a functional, multi-page website.

Recommended Level: Middle/Junior High

Career Cluster: Information Technology

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701

**INTRODUCTION TO COMPUTER SCIENCE**

Short Name

Course Code

**INTRO CS**

**270411**

This course introduces students to the foundations of computer science with a focus on how computing powers the world. Students will explore computer science terminology and concepts and apply them to a culminating project using programming language to solve a problem.

Recommended Level: Middle/Junior High

Career Cluster: Information technology

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701

**INTRODUCTION TO WEB DESIGN**

Short Name

Course Code

**INTRO WEB**

**270412**

This course introduces students to basic web design using HTML (Hypertext Markup Language) and CSS (Cascading Style Sheets). Students will be introduced to planning and designing effective web pages; creating web pages by writing HTML and CSS code, and producing a functional, multi-page website.

Recommended Level: Middle/Junior High

Career Cluster: Communication Arts and Information Technology

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 47</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>COMMUNICATION &amp; INFORMATION SYSTEMS</b>
--

<b>INFORMATION TECHNOLOGY APPLICATIONS I</b>	<u>Short Name</u> <b>ITECH I</b>	<u>Course Code</u> <b>270501</b>
--	-------------------------------------	-------------------------------------

Students will explore emerging technologies as it applies to their success for high school, college, and career. The focus will be on the importance of digital citizenship, professional communication practices, advanced document processing, professional presentations, and intermediate spreadsheet and database applications used personally and professionally.

Recommended Level: Grades 9-10  
Career Cluster: Information Technology

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701

<b>INFORMATION TECHNOLOGY APPLICATIONS II</b>	<u>Short Name</u> <b>ITECH II</b>	<u>Course Code</u> <b>270502</b>
---	--------------------------------------	-------------------------------------

This course will focus on skill development in advanced spreadsheet, database, integration of applications utilizing advanced features, and exploring web technologies. Students taking both Information Technology Applications I and II may be eligible for dual credit at a participating postsecondary institution. Skills, standards, and coursework align with industry certifications.

Recommended Level: Grades 9-10  
Career Cluster: Information Technology

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 48</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>COMMUNICATION &amp; INFORMATION SYSTEMS</b>
--

**INFORMATION TECHNOLOGY FUNDAMENTALS**

<u>Short Name</u> <b>ITECH FUND</b>	<u>Course Code</u> <b>270504</b>
--	-------------------------------------

Students are introduced to the proper use of information technologies (IT). In addition, they will be introduced to hardware and software selection and use, technology resource support, and ethical issues. Students will investigate information technology careers and certifications in networking, programming and IT support services. Units would include, but not be limited to, exploring concepts in networking, programming, and support services, computer hardware components and peripherals, system and application software, and impact of technology on society.

Recommended Level: Grades 10-12

Career Cluster: Information Technology

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701

**CISCO I: INTRODUCTION TO NETWORKS**

<u>Short Name</u> <b>INTRONET</b>	<u>Course Code</u> <b>270505</b>
--------------------------------------	-------------------------------------

This course introduces the architecture, structure, functions, components, and models of the Internet and other computer networks. The principles and structure of IP addressing and the fundamentals of Ethernet concepts, media and operations are introduced to provide a foundation for the curriculum. By the end of this course, students will be able to build simple LANs, perform basic configurations for routers and switches and implement IP addressing schemes.

Recommended Level: Grades 10-12

Career Cluster: Information Technology

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INFORMATION TECHNOLOGY	2701

**CISCO II: ROUTING AND SWITCHING ESSENTIALS**

<u>Short Name</u> <b>R&amp;S ESSEN</b>	<u>Course Code</u> <b>270506</b>
---	-------------------------------------

This course describes the architecture, components and operations of routers and switches in a small network. Students learn how to configure a router and a switch for basic functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with RIPv1, RIPv2, single area and multi-area OSPF, virtual LANs, and inter-VLAN routing in both IPv4 and IPv6 networks. CCNA II is part of the CISCO Certified Network Associate program that prepares students for the CCENT industry certification.

Recommended Level: Grades 10-12

Career Cluster: Information Technology

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INFORMATION TECHNOLOGY	2701



<b>COMMUNICATION &amp; INFORMATION SYSTEMS</b>
--

**CISCO III: SCALING NETWORKS**

Short Name

Course Code

**SCAL NET**

**270507**

This course describes the architecture, components and operations of routers and switches in a larger and more complex network. Students learn how to configure routers and switches for advanced functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with OSPF, EIGRP, STP, and VTP in both IPv4 and IPv6 networks. Students will also develop the knowledge and skills needed to implement DHCP and DNS operations in a network. CISCO III is part of the Cisco Certified Network Associate program that prepares students for industry certification.

Recommended Level: Grades 11-12

Career Cluster: Informational Technology

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

INFORMATION TECHNOLOGY

2701

**NETWORKING**

Short Name

Course Code

**NET SYS**

**270601**

This course is a study of the fundamentals of current networking technology. Students will learn to design, plan, implement, and support computer networks. The course introduces a full range of computer networking from local area networks to wide area networks.

Recommended Level: Grades 10-12

Career Cluster: Information Technology

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

INFORMATION TECHNOLOGY

2701

<b>COMMUNICATION &amp; INFORMATION SYSTEMS</b>
--

**DIGITAL MEDIA**

Short Name

Course Code

**DIG MEDIA**

**270602**

Students will create, design and produce digital media including sound, video, graphics, text, and animation. Emphasis will be placed on effective use of tools for interactive multimedia production including storyboarding, visual development, project management and web processes.

Recommended Level: Grades 9-12

Career Cluster: Information Technology and Communication Arts

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
BUSINESS, MARKETING, INFO TECH	0304
ENGLISH LANGUAGE ARTS	0502
INFORMATION TECHNOLOGY	2701
JOURNALISM AND MASS COMM	0510
JOURNALISM AND MEDIA EDUCATION	0520

**FOUNDATIONS OF WEB DESIGN**

Short Name

Course Code

**WEB DESIGN**

**270604**

Students will demonstrate knowledge of web design and languages, including HyperText Markup Language (HTML) and Cascading Style Sheets (CSS) to create a content rich and visually pleasing website that captures and keeps visitors' interests. Focus will be given to effective page layout, image creation and manipulation, interactivity, content creation, and project management.

Recommended Level: Grades 10-12

Career Cluster: Information Technology and Communication Arts

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701

<b>COMMUNICATION &amp; INFORMATION SYSTEMS</b>
--

**PC SUPPORT AND MAINTENANCE**

Short Name

Course Code

**PC SUPP**

**270606**

Students enter the world of computer technology and gain practical experience in assembling a computer system, installing an operating system, troubleshooting computers and peripherals, and using system tools and diagnostic software. They develop skills in resource sharing. In addition, students explore the relationships between internal and external computer components. Emphasis is placed on customer service skills and career exploration.

Recommended Level: Grades 10-12

Career Cluster: Information Technology

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701

**INFORMATION TECHNOLOGY SUPPORT**

Short Name

Course Code

**ITECSUP**

**270607**

Students will explore the issues related to providing information technology support to organizations. They will practice effective customer support strategies and learn troubleshooting techniques for hardware, software, and operating systems. Students will recommend technology products, design training documentation, and identify security threats.

Recommended Level: Grades 10-12

Career Cluster: Information Technology

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701

<b>COMMUNICATION &amp; INFORMATION SYSTEMS</b>
--

**INTRODUCTION TO MEDIA**

Short Name

Course Code

**INT MEDIA**

**270608**

Students enrolled in this course will explore media skills for a variety of purposes (e.g., print, broadcast, video, audio, Internet, mobile). Students will learn about the power of the media and its historical development, current trends, and future innovations. Legal and ethical standards will be introduced as students begin the writing and editing process through hands-on opportunities with equipment and software.

Recommended Level: Grades 10-12

Career Cluster: Communication Arts

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
ENGLISH LANGUAGE ARTS	0502
INFORMATION TECHNOLOGY	2701
JOURNALISM AND MASS COMM	0510
JOURNALISM AND MEDIA EDUCATION	0520
SPEECH	0506
SPEECH	0522

**VIDEO PRODUCTION**

Short Name

Course Code

**VIDEO PROD**

**270609**

Students will expand their media skills of interviewing, reporting, writing, editing, photography/videography, and design. Students will explore careers while working together to create projects in a variety of media, such as print, web, podcast, and/or broadcast. The emphasis of Video Production is on collaboration and career exploration.

Recommended Level: Grades 10-12

Career Cluster: Communication Arts

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
ENGLISH LANGUAGE ARTS	0502
INFORMATION TECHNOLOGY	2701
JOURNALISM AND MASS COMM	0510
JOURNALISM AND MEDIA EDUCATION	0520
SPEECH	0506
SPEECH	0522

<b>COMMUNICATION &amp; INFORMATION SYSTEMS</b>
--

**MEDIA PRODUCTION**

Short Name

Course Code

**MED PROD**

**270610**

Students will apply their media skills of interviewing, reporting, writing, editing, photography/videography, and design. Students will produce in a variety of media, such as print, broadcast, video, audio, Internet, and/or mobile. The emphasis of Media Production II is to work both independently and collaboratively to create a professional product while meeting deadlines.

Recommended Level: Grades 10-12

Career Cluster: Communication Arts

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
ENGLISH LANGUAGE ARTS	0502
INFORMATION TECHNOLOGY	2701
JOURNALISM AND MASS COMM	0510
JOURNALISM AND MEDIA EDUCATION	0520
SPEECH	0506
SPEECH	0522

**DIGITAL DESIGN**

Short Name

Course Code

**INT DIGTL**

**270611**

This course will introduce students to the technical tools and processes used in digital design. Students will be introduced to the design process model which includes typography, color, and imagery. In addition, design software will be utilized to create graphics, animation, web pages, and video. Students will demonstrate proper use of fair use guidelines. Career opportunities in digital design will be explored.

Recommended Level: Grades 9-12

Career Cluster: Communication Arts

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 54</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>COMMUNICATION &amp; INFORMATION SYSTEMS</b>
--

**ADVANCED DIGITAL DESIGN**

Short Name

Course Code

**ADV DIGTL**

**270613**

Students will focus on developing advanced skills to plan, design, and create interactive projects using the elements of text, graphics, animation, sound, video, and digital imaging in interactive projects. These skills can prepare students for entry-level positions and other occupational or educational goals.

Recommended Level: Grades 11-12

Career Cluster: Communication Arts

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701

**ADVANCED PLACEMENT COMPUTER SCIENCE A**

Short Name

Course Code

**AP COMSC A**

**270700**

The course emphasizes object-oriented programming methodology with a concentration on problem solving and algorithm development, and is meant to be the equivalent of a first-semester college-level course in computer science. It also includes the study of data structures, design and abstraction. Students are expected to be familiar with and be able to use standard Java library classes from the AP Java subject. Students should be able to read and understand a description of the design and development process leading to such a program. This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: [www.collegeboard.org](http://www.collegeboard.org)

Career Cluster: Information Technology

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

**COMPUTER SCIENCE A**

Short Name

Course Code

**COMSC A**

**270701**

Computer Science A focuses on further developing computational thinking skills through app development for mobile platforms. The course utilizes industry-standard tools. Students collaborate to create original solutions to problems of their own choosing by designing and implementing user interfaces and Web-based databases.

Career Cluster: Information Technology

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 55</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>COMMUNICATION &amp; INFORMATION SYSTEMS</b>
--

**ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES**

Short Name

Course Code

**AP CSP**

**270702**

The course introduces the essential ideas of computer science with a focus on how computing can impact the world. Along with the fundamentals of computing, one will learn to analyze data, information, or knowledge represented for computational use; create technology that has a practical impact; and gain a broader understanding of how computer science impacts people and society.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: [www.collegeboard.org](http://www.collegeboard.org)

Recommended Level: Grades 9-12

Career Cluster: Information Technology

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

**COMPUTER SCIENCE PRINCIPLES**

Short Name

Course Code

**CSP**

**270703**

Computer Science Principles introduces students to the foundations of computer science with a focus on how computing powers the world. Along with the fundamentals of computer, you will learn to analyze data, create technology that has a practical impact, and gain a broader understanding of how computer science impacts people and society.

Recommended Level: Grades 9-12

Career Cluster: Information Technology

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 56</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>COMMUNICATION &amp; INFORMATION SYSTEMS</b>
--

**FOUNDATIONS OF COMPUTING**

Short Name

Course Code

**FNDCOMP**

**270704**

Designed to be the first computer science course for students who have never programmed before. Foundations of Computing is a starting point for Computer Science. Students will explore the impact of computing in society and build skills in digital citizenship and cybersecurity. Beyond learning the fundamentals of programming, students build computational-thinking skills by applying computer science to collaboration tools, modeling and simulation, and data analysis.

Recommended Level: Grades 9-10

Career Cluster: Information Technology

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

**SOFTWARE DEVELOPMENT**

Short Name

Course Code

**SOFDEV**

**270705**

Students will demonstrate advanced skills in the software development life cycle through in-depth use of a modern programming language. The content covered will include high-level, object-oriented concepts, while emphasizing the design of elegant solutions and efficient algorithms. Students will apply what they have learned through real world application.

Career Cluster: Information Technology

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

**WEB DESIGN AND DEVELOPMENT**

Short Name

Course Code

**WEBDEV**

**270706**

Students will demonstrate advanced knowledge of web design and development, including HyperText Markup Language (HTML) and Cascading Style Sheets (CSS) to create a content rich and visually pleasing website that captures and keeps visitors' interests. Focus will be given to the development and coding of a website. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 10-12

Career Cluster: Information Technology

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701



<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 57</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>COMMUNICATION &amp; INFORMATION SYSTEMS</b>
--

**CYBERSECURITY**

Short Name

Course Code

**CYBER**

**270707**

Cybersecurity introduces the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Students will solve problems by understanding and closing these vulnerabilities. This course raises students' knowledge of and commitment to ethical computing behavior.

Career Cluster: Information Technology

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

**PROJECT LEAD THE WAY - COMPUTER SCIENCE PRINCIPLES**

Short Name

Course Code

**PLTW-CSP**

**270708**

Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation. PLTW is recognized by the College Board as an endorsed provider of curriculum and professional development for AP® Computer Science Principles (AP CSP). This endorsement affirms that all components of PLTW CSP's offerings are aligned to the AP Curriculum Framework standards and the AP CSP assessment.

Recommended Level: Grades 9-12

Career Cluster: Information Technology

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

**PROJECT LEAD THE WAY - COMPUTER SCIENCE A**

Short Name

Course Code

**PLTW-CSA**

**270709**

Computer Science A focuses on further developing computational-thinking skills through the medium of Android™ App development for mobile platforms. The course utilizes industry-standard tools such as Android Studio, Java™ programming language, XML, and device emulators. Students collaborate to create original solutions to problems of their own choosing by designing and implementing user interfaces and Web-based databases. This course aligns with the AP CS A course.

Career Cluster: Information Technology

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 58</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>COMMUNICATION &amp; INFORMATION SYSTEMS</b>
--

**PROJECT LEAD THE WAY – COMPUTER SCIENCE ESSENTIALS**

Short Name

Course Code

**PLTW-CSE**

**270710**

In Computer Science Essentials, students will use visual, block-based programming and seamlessly transition to text-based programming with languages such as Python to create apps and develop websites, and learn how to make computers work together to put their design into practice. They'll apply computational thinking practices, build their vocabulary, and collaborate just as computing professionals do to create products that address topics and problems important to them. Computer Science Essentials helps students create a strong foundation to advance to Computer Science Principles, Computer Science A, and beyond.

Recommended Level: Grades 9-10

Career Cluster: Information Technology

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

**PROJECT LEAD THE WAY – CYBERSECURITY**

Short Name

Course Code

**PLTW-CYBER**

**270711**

Students explore the tools and concepts of cybersecurity and create solutions that allow people to share computing resources while protecting privacy.

Career Cluster: Information Technology

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

**IB COMPUTER SCIENCE**

Short Name

Course Code

**IB CS**

**270712**

IB Computer Science reinforces and develops students understanding of computational thinking and knowledge of how computers and digital devices operate. Drawing on a wide spectrum of knowledge students innovate, explore, and acquire further knowledge. Content includes system fundamentals, networks, computational thinking, problem-solving and programming, data structures, resource management and control. Content updated annually with case studies. Students develop a product and associated documentation.

International Baccalaureate Organization governs this course from the Diploma Programme. In order to teach IB programmes, the school is an authorized IB World School. <http://www.ibo.org/en/programmes/>

Career Cluster: Information Technology

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

<b>COMMUNICATION &amp; INFORMATION SYSTEMS</b>
--

**COMMUNICATION AND INFORMATION SYSTEMS, OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>COMP OTHER</b>	<b>279930</b>

Programs or courses not otherwise listed or classifiable.

Using codes 279930 through 279934 means you can add five "other" courses by using one code for each one of the five courses.  
PLEASE NOTE: Courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Information Technology

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701

**COMMUNICATION AND INFORMATION SYSTEMS, OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>COMP OTHER</b>	<b>279931</b>

Programs or courses not otherwise listed or classifiable.

Using codes 279930 through 279934 means you can add five "other" courses by using one code for each one of the five courses.  
PLEASE NOTE: Courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Information Technology

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701

**COMMUNICATION AND INFORMATION SYSTEMS, OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>COMP OTHER</b>	<b>279932</b>

Programs or courses not otherwise listed or classifiable.

Using codes 279930 through 279934 means you can add five "other" courses by using one code for each one of the five courses.  
PLEASE NOTE: Courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Information Technology

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701

<b>COMMUNICATION &amp; INFORMATION SYSTEMS</b>
--

**COMMUNICATION AND INFORMATION SYSTEMS, OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>COMP OTHER</b>	<b>279933</b>

Programs or courses not otherwise listed or classifiable.

Using codes 279930 through 279934 means you can add five "other" courses by using one code for each one of the five courses.  
PLEASE NOTE: Courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Information Technology

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701

**COMMUNICATION AND INFORMATION SYSTEMS, OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>COMP OTHER</b>	<b>279934</b>

Programs or courses not otherwise listed or classifiable.

Using codes 279930 through 279934 means you can add five "other" courses by using one code for each one of the five courses.  
PLEASE NOTE: Courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Information Technology

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 61</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>DRIVER EDUCATION/SAFETY EDUCATION</b>
--

**DRIVER EDUCATION**

Short Name

Course Code

**DR ED**

**210105**

The course emphasizes a combination of classroom study and automobile operation designed to assist students in becoming knowledgeable traffic citizens while providing the opportunity to operate an automobile under actual road conditions.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

DRIVER EDUCATION

2101

**SAFETY EDUCATION**

Short Name

Course Code

**SAFETY ED**

**210200**

A combination of subject matter and experiences directed toward the conservation of human and material resources. The learning environment provided is such that students may acquire knowledge and behavioral patterns conducive to efficient and safe living.

This code should also be used for such courses as:

- School Safety
- Bicycle, Motorcycle Safety
- Vocational and Occupational Safety
- Moped Safety
- Pedestrian Safety
- Other Safety

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

DRIVER EDUCATION

2101

**EDUCATION AND TRAINING**

**INTRODUCTION TO EDUCATION AND TRAINING**

Short Name

Course Code

**INTR EDTR**

**350001**

This course is designed to introduce students to career opportunities and related skills in the Education and Training career field, including teaching and professional educational training. Students will explore topics related to the foundation and history of education, the philosophy of education, roles of educators, instructional and assessment methods, diversity of cultures and communities related to educational settings, learner development, and professional development. Classroom, laboratory, and educational leadership activities are supplemented through Nebraska Educators Rising, a career and technical student organization.

Recommended Level: Grades 9-12

Career Cluster: Education and Training

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

Other Endorsement

8888

**BEST PRACTICES IN EDUCATION AND TRAINING**

Short Name

Course Code

**BESTP ET**

**350002**

This course is a continuation of the Introduction to Education and Training course and is the second course in a three course sequence. Students will further engage in topics related to instructional and assessment methods, including differentiation of instruction. Students will also develop active listening skills necessary for educators, and demonstrate positive feedback techniques. Students will gain skills related to planning for instruction, which will be utilized in the field experience (the third course in this sequence). Classroom, laboratory, and educational leadership activities are supplemented through Nebraska Educators Rising, a career and technical student organization.

Recommended Level: Grades 10-12

Career Cluster: Education and Training

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

OTHER ENDORSEMENT

8888

**FIELD EXPERIENCE IN EDUCATION AND TRAINING**

Short Name

Course Code

**ET FIELD**

**350010**

This course is a continuation of the Best Practices in Education and Training course and is the third course in a three course sequence. Through this capstone experience, students will apply previously developed knowledge and skills into a structured workplace experience. This volunteer experience may take place within a school environment for those seeking teaching careers, or within the business and industry community for those seeking careers in professional educational training. Goals are set cooperatively by students, their instructor, and respective supervising professionals. Opportunities may include experience teaching in a controlled setting by designing learning experiences and facilitating presentations. Students will focus on improving their instructional strategies through coaching from their teacher and supervising professionals. Classroom, laboratory, and educational leadership activities are supplemented through Nebraska Educators Rising, a career and technical student organization..

Recommended Level: Grades 10-12

Career Cluster: Education and Training

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

OTHER ENDORSEMENT

8888

<b>EDUCATION AND TRAINING</b>
-------------------------------

**EDUCATION AND TRAINING, OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>EDTR, OTH</b>	<b>359930</b>

Courses not otherwise listed. Using codes 359930-359934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Education and Training

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
OTHER ENDORSEMENT	8888

**EDUCATION AND TRAINING, OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>EDTR, OTH</b>	<b>359931</b>

Courses not otherwise listed. Using codes 359930-359934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Education and Training

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
OTHER ENDORSEMENT	8888

**EDUCATION AND TRAINING, OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>EDTR, OTH</b>	<b>359932</b>

Courses not otherwise listed. Using codes 359930-359934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Education and Training

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
OTHER ENDORSEMENT	8888

<b>EDUCATION AND TRAINING</b>
-------------------------------

**EDUCATION AND TRAINING, OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>EDTR, OTH</b>	<b>359933</b>

Courses not otherwise listed. Using codes 359930-359934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Education and Training

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
OTHER ENDORSEMENT	8888

**EDUCATION AND TRAINING, OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>EDTR, OTH</b>	<b>359934</b>

Courses not otherwise listed. Using codes 359930-359934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Education and Training

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
OTHER ENDORSEMENT	8888



**ENGLISH LANGUAGE ARTS****LANGUAGE ARTS/SKILLS**Short NameCourse Code**LANG ARTS****050001**

Subject matter and experience concerned with the knowledge, understanding and skills in the full range of language experiences, requiring oral, written and listening skills. Activities include most of the following:

Language and linguistics, English, composition,  
Reading, literature, public media, speech,  
Dramatic arts and journalism.

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

Endorsement NameEndorsement Number

ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521
READING SPECIALIST	0508

---

## ENGLISH LANGUAGE ARTS

## LINGUISTICS

Short NameCourse Code

LINGUISTS

050008

An introductory study of language such as, its nature, structure, varieties and history, including especially the sound system, grammatical system, vocabulary, word derivation and writing system.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BILINGUAL EDUCATION	0609
ENGLISH	0501
ENGLISH AS 2ND LANG	0605
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521
SPEECH	0506
SPEECH	0522
WORLD LANGUAGE	0699
WORLD LANGUAGE-CHINESE	0608
WORLD LANGUAGE-FRENCH	0601
WORLD LANGUAGE-GERMAN	0602
WORLD LANGUAGE-ITALIAN	0610
WORLD LANGUAGE-JAPANESE	0607
WORLD LANGUAGE-KOREAN	0611
WORLD LANGUAGE-LATIN	0603
WORLD LANGUAGE-RUSSIAN	0606
WORLD LANGUAGE-SPANISH	0604

---

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 67</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>ENGLISH LANGUAGE ARTS</b>
------------------------------

**ENGLISH**

Short Name

Course Code

**ENGLISH**

**050011**

Study concerned with developing: 1) an understanding of the language system, 2) proficiency and control in the use of the English forms and 3) appreciation of the variety of literary forms, etc. The normal goals of instruction are an understanding of the use of composition, language and literature by the students.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
SECONDARY ENGLISH	0512

**ENGLISH I**

Short Name

Course Code

**ENG I**

**050021**

Study concerned with developing: 1) an understanding of the language system, 2) proficiency and control in the use of the English forms and 3) appreciation of the variety of literary forms, etc. The normal goals of instruction are an understanding of the use of composition, language and literature by the students.

Generally appropriate for 9th grade students.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
SECONDARY ENGLISH	0512

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 68</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>ENGLISH LANGUAGE ARTS</b>
------------------------------

**ENGLISH II**

Short Name

Course Code

**ENG II**

**050022**

Study concerned with developing: 1) an understanding of the language system, 2) proficiency and control in the use of the English forms and 3) appreciation of the variety of literary forms, etc. The normal goals of instruction are an understanding of the use of composition, language and literature by the students.

Generally appropriate for 10th grade students.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
SECONDARY ENGLISH	0512

**ENGLISH III**

Short Name

Course Code

**ENG III**

**050023**

Study concerned with developing: 1) an understanding of the language system, 2) proficiency and control in the use of the English forms and 3) appreciation of the variety of literary forms, etc. The normal goals of instruction are an understanding of the use of composition, language and literature by the students.

Generally appropriate for 11th grade students.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
SECONDARY ENGLISH	0512

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 69</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>ENGLISH LANGUAGE ARTS</b>
------------------------------

**ENGLISH IV**

Short Name

**ENG IV**

Course Code

**050024**

Study concerned with developing: 1) an understanding of the language system, 2) proficiency and control in the use of the English forms and 3) appreciation of the variety of literary forms, etc. The normal goals of instruction are an understanding of the use of composition, language and literature by the students.

Generally appropriate for 12th grade students.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
SECONDARY ENGLISH	0512

**ADVANCED PLACEMENT ENGLISH LANG/COMP**

Short Name

**AP ENGCOMP**

Course Code

**050050**

An AP course in English Language and Composition engages students in becoming skilled readers of prose, written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing. The purpose of this course is to enable students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers. This course should help students move beyond such programmatic responses as the five-paragraph essay that provides an introduction with a thesis and three reasons, body paragraph on each reason, and a conclusion that restates the thesis.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: [www.collegeboard.com](http://www.collegeboard.com).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502

**ADVANCED PLACEMENT ENGLISH LIT/COMP**

Short Name

**AP ENG LIT**

Course Code

**050051**

An AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone. Reading in an AP course is both wide and deep. This reading necessarily builds upon and complements the reading done in previous English courses so that by the time students complete their AP course, they will have read works from several genres and periods - from the 16th to the 21st century.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: [www.collegeboard.com](http://www.collegeboard.com).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 70</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>ENGLISH LANGUAGE ARTS</b>
------------------------------

**IB LANGUAGE A - (ENGLISH)**

Short Name

Course Code

**IB ENG A**

**050052**

IB Language A (English) courses prepare students to take the International Baccalaureate Language A exams at either the "Standard" or higher level. Course content includes in-depth study of literature chosen from the appropriate IB list of texts and authors and written analyses of this literature in addition to other oral and written assignments. All course content is designed to improve students' accuracy and fluency in the English language.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502

**IB LANGUAGE A (ENGLISH) MIDDLE YEARS PROGRAM**

Short Name

Course Code

**IB ENGA MY**

**050053**

International Baccalaureate (IB) Language A (English), Middle Years Program courses include instruction in the instrumental function of a language, emphasizing skills in listening, viewing, speaking, reading, and writing, as well as literature encompassing a variety of periods and genres.

Recommended Level: Grades 6-9

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 71</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>ENGLISH LANGUAGE ARTS</b>
------------------------------

**ENGLISH GRAMMAR**

Short Name

Course Code

**ENG GRAM**

**050060**

English Grammar courses focus on the structure of the formal standard American English language, involving sentence structure, parts of speech and the function of words, phrases, and clauses, and proper punctuation.

Recommended Levels: Grades 3-12

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521
SECONDARY ENGLISH	0512

**YEARBOOK**

Short Name

Course Code

**YB**

**050061**

Yearbook courses help students develop basic or advanced skills in one or more of the following areas: 1) photography and editing, 2) page layout and design, 3) publishing techniques, 4) copy writing, 5) interviewing techniques, 6) production management, and 7) sales and marketing promotions.

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
JOURNALISM AND MASS COMM	0510
JOURNALISM AND MEDIA EDUCATION	0520

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 72</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>ENGLISH LANGUAGE ARTS</b>
------------------------------

**RESEARCH METHODS**

Short Name

Course Code

**RES METH**

**050062**

This course is designed to prepare students for independent research and writing activities at the postsecondary level. Students will use the writing process to organize, research, and prepare final drafts of formal research writing.

Recommended Level: Grades 11-12

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
SECONDARY ENGLISH	0512

**LITERATURE OF A GENRE**

Short Name

Course Code

**LIT GEN**

**050063**

Courses in this category are designed to improve students' language arts and critical- thinking skills while focusing on one or several genres, such as poetry, essay, biography, short story, drama, film, and so on. Students determine the underlying assumptions and values within the selected works and also examine the structure, techniques, and intentions of the genre being studied. Oral discussion is an integral part of these genre- oriented courses, and written compositions are often required.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502



<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 73</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>ENGLISH LANGUAGE ARTS</b>
------------------------------

**CREATIVE WRITING/COMPOSITION**

Short Name

Course Code

**WRITING**

**050100**

Learning experiences designed to develop knowledge, understanding, and skills involved in expressive uses of writing. Experiences include poetry, fiction and non-fiction used primarily to express the interests and emotions of the writer.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521

**READING**

Short Name

Course Code

**READING**

**050102**

Learning experiences designed to develop student skill in generating meaning from a variety of texts. Instruction typically emphasizes the continuous development of reading skills and processes appropriate for student needs and purposes for reading.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
ELEMENTARY	1801
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521
READING SPECIALIST	0508
SECONDARY ENGLISH	0512
SPED EARLY CHLDHOOD	1916

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 74</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>ENGLISH LANGUAGE ARTS</b>
------------------------------

<b>LITERATURE, GENERAL</b>	<u>Short Name</u> <b>LITERATURE</b>	<u>Course Code</u> <b>050300</b>
----------------------------	--	-------------------------------------

The study of printed materials which have noteworthy content and excellence of style and which may be identified by country, type and/or period of time.

This code should also be used for such courses as:  
Classical Literature

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817

---

<b>AMERICAN LITERATURE</b>	<u>Short Name</u> <b>AM LIT</b>	<u>Course Code</u> <b>050301</b>
----------------------------	------------------------------------	-------------------------------------

The study of printed materials which have noteworthy content and excellence of style and which are limited to those written by American authors (including Colonial period writers).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817

---

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 75</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>ENGLISH LANGUAGE ARTS</b>
------------------------------

**BRITISH LITERATURE**

Short Name

Course Code

**BRIT LIT**

**050304**

The study of printed materials which have noteworthy content and excellence of style and which are limited to those written by British authors.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502

---

**LITERATURE, SPECIALIZED**

Short Name

Course Code

**LIT SPEC**

**050310**

The study of printed materials which have noteworthy content and excellence of style and which are limited to specific periods of time, genre, author or subject matter, e.g., Science Fiction, 20th Century Novels, Mark Twain, Shakespeare, etc.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817

---

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 76</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>ENGLISH LANGUAGE ARTS</b>
------------------------------

**JOURNALISM I**

Short Name

Course Code

**JOURN I**

**050401**

This course introduces students to the concept of newsworthiness and press responsibility; develops students' skills in writing and editing stories, headlines, and captions; and teaches students the basis of production design, layout, and printing of a publication such as school newspapers, year books and literary magazines.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
JOURNALISM AND MASS COMM	0510
JOURNALISM AND MEDIA EDUCATION	0520
MIDDLE GR/LANGUAGE ARTS	1817

**JOURNALISM II**

Short Name

Course Code

**JOURN II**

**050402**

This course provides students practice in advanced journalistic techniques and involves them in the formation and/or management of the production team. This course may include the production of a school newspaper, yearbook, or literary magazine and may include elements of photography, photojournalism, and exploration of opportunities for careers in journalism.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
JOURNALISM AND MASS COMM	0510
JOURNALISM AND MEDIA EDUCATION	0520
MIDDLE GR/LANGUAGE ARTS	1817

## ENGLISH LANGUAGE ARTS

## RADIO/TV PRODUCTION

Short NameCourse Code

RADIO/TV

050404

A study of broadcasting that includes its history, role in contemporary society, artistic dimensions, production techniques, principal genres, etc.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH LANGUAGE ARTS	0502
JOURNALISM AND MASS COMM	0510
JOURNALISM AND MEDIA EDUCATION	0520
THEATRE	0523
THEATRE	1204

## SPEECH, BEGINNING

Short NameCourse Code

SPEECH BEG

050501

An introductory course in oral communication. Emphasized are intra and inter- personal communication through activities in group discussion, audience analysis, speech organization and delivery.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
SPEECH	0506
SPEECH	0522

<b>ENGLISH LANGUAGE ARTS</b>
------------------------------

**SPEECH, ADVANCED**

<u>Short Name</u>	<u>Course Code</u>
<b>SPEECH AD</b>	<b>050502</b>

The second level of study in oral communication. In addition to further practice in public speaking, opportunities may be included to study and practice debates, communication theory and oral interpretation of literature.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
SPEECH	0506
SPEECH	0522

**DEBATE**

<u>Short Name</u>	<u>Course Code</u>
<b>DEBATE</b>	<b>050503</b>

The study of the application of forms of argument to test ideas or reach decisions.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH LANGUAGE ARTS	0502
SPEECH	0506
SPEECH	0522

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 79</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>ENGLISH LANGUAGE ARTS</b>
------------------------------

**PERSONAL COMMUNICATION**

Short Name

Course Code

**PERS COMM**

**050505**

The study and practice of the transitional nature of the communication act as it is affected by self-image, stereotypes, verbal and non-verbal feedback and/or communication barriers.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
SPEECH	0506
SPEECH	0522

**APPLIED COMMUNICATIONS**

Short Name

Course Code

**APPLD COMM**

**050506**

A course designed to assist students in developing and refining job-related communication skills: reading, writing/composition, listening, speaking, problem-solving, thinking, visual and nonverbal skills, all interwoven in a manner that prepares students for the world of work outside the classroom. The course is designed to integrate the study of literature with skills needed in the workplace.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/BUSINESS ED	1812
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521
SECONDARY ENGLISH	0512

**ENGLISH LANGUAGE ARTS**

**DRAMA, BEGINNING**

Short Name  
**DRAMA BEG**

Course Code  
**050600**

The study of a type of literature distinguished by plot, setting, theme and characters engaged in movement and dialogue. The main types and styles of dramatic literature usually studied are: tragedy, comedy, melodrama, farce, social drama of ideas, classical, romantic, realistic, impressionistic and expressionistic. Appreciation of the literary qualities may be enhanced by its being read as an artistic creation intended for performance on a stage.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
SPEECH	0506
SPEECH	0522
THEATRE	0523
THEATRE	1204

**DRAMA, ADVANCED**

Short Name  
**DRAMA ADV**

Course Code  
**050650**

The continued study of dramatic literature and styles of its presentation. May also include writing of such literature.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH LANGUAGE ARTS	0502
THEATRE	0523
THEATRE	1204



<b>ENGLISH LANGUAGE ARTS</b>
------------------------------

**LANGUAGE ARTS-SOCIAL SCIENCE CORE**

Short Name

Course Code

**LANG SOCS**

**050700**

An integrated, interdisciplinary study of language arts, skills, literature, and social science - typically U.S. history. May also include components from such related areas of the humanities as art and music.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
HISTORY	1505
MIDDLE GR/LANGUAGE ARTS	1817
MIDDLE GR/SOCIAL SCIENCE	1820
SOCIAL SCIENCE	1501

**READING-MIDDLE GRADES/JUNIOR HIGH I**

Short Name

Course Code

**READ MG I**

**050800**

This course includes experiences designed to help students expand, develop, and apply reading skills introduced in the elementary grades. This includes reading both for information and enjoyment.

Use this code for the first course in reading at the middle grades/junior high level.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ELEMENTARY	1801
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521
READING SPECIALIST	0508
SECONDARY ENGLISH	0512

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 82</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>ENGLISH LANGUAGE ARTS</b>
------------------------------

**READING-MIDDLE GRADES/JUNIOR HIGH II**

Short Name

Course Code

**READ MG II**

**050801**

This course includes experiences designed to help students expand, develop, and apply reading skills introduced in first level of middle grades reading. This includes reading both for information and enjoyment.

Use this code for the second course in reading at the middle grades/junior high level.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ELEMENTARY	1801
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521
READING SPECIALIST	0508
SECONDARY ENGLISH	0512

**LANGUAGE ARTS-MIDDLE GRADES/JUNIOR HIGH I**

Short Name

Course Code

**LANG MG I**

**050802**

This course includes experiences that engage students in using language for a variety of reading, writing, speaking, and listening purposes designed to help students expand, develop, and apply the skills introduced in the elementary grades.

Use this code for the first course in language arts at the middle grades/junior high level.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
SECONDARY ENGLISH	0512

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 83</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>ENGLISH LANGUAGE ARTS</b>
------------------------------

<b>LANGUAGE ARTS-MIDDLE GRADES/JUNIOR HIGH II</b>	<u>Short Name</u> <b>LANG MG II</b>	<u>Course Code</u> <b>050803</b>
---	--	-------------------------------------

This course includes experiences that continue to engage students in using language for a variety of reading, writing, speaking, and listening purposes designed to help students expand, develop, and apply the skills introduced in the first level of middle grades language arts.

Use this code for the second course in language arts at the middle grades/junior high level.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
SECONDARY ENGLISH	0512

<b>LANGUAGE ARTS-MIDDLE GRADES/JUNIOR HIGH III</b>	<u>Short Name</u> <b>LANG MGIII</b>	<u>Course Code</u> <b>050804</b>
--	--	-------------------------------------

This course includes experiences that continue to engage students in using language for a variety of reading, writing, speaking, and listening purposes designed to help students expand, develop, and apply the skills introduced in the first and second level of middle grades language arts.

Use this code for the third course in language arts at the middle grades/junior high level.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
SECONDARY ENGLISH	0512

<b>ENGLISH LANGUAGE ARTS</b>
------------------------------

**ENGLISH LANGUAGE ARTS, OTHER**

Short Name

Course Code

**ENG OTHER**

**059930**

Include here other organized subject matter and experiences emphasized in English language arts which are not classifiable or listed above.

Using codes 059930 through 059934 means you can add five "other" courses by using one code for each one of the five courses.

Course codes for Introduction to Media, Media Production I, and Media Production II are found within Communication & Information Systems located within Career Education course listings.

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521
SECONDARY ENGLISH	0512

**ENGLISH LANGUAGE ARTS, OTHER**

Short Name

Course Code

**ENG OTHER**

**059931**

Include here other organized subject matter and experiences emphasized in English language arts which are not classifiable or listed above.

Course codes for Introduction to Media, Media Production I, and Media Production II are found within Communication & Information Systems located within Career Education course listings.

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 85</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>ENGLISH LANGUAGE ARTS</b>
------------------------------

**ENGLISH LANGUAGE ARTS, OTHER**

Short Name

Course Code

**ENG OTHER**

**059932**

Include here other organized subject matter and experiences emphasized in English language arts which are not classifiable or listed above.

Course codes for Introduction to Media, Media Production I, and Media Production II are found within Communication & Information Systems located within Career Education course listings.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521

**ENGLISH LANGUAGE ARTS, OTHER**

Short Name

Course Code

**ENG OTHER**

**059933**

Include here other organized subject matter and experiences emphasized in English language arts which are not classifiable or listed above.

Course codes for Introduction to Media, Media Production I, and Media Production II are found within Communication & Information Systems located within Career Education course listings.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 86</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>ENGLISH LANGUAGE ARTS</b>
------------------------------

**ENGLISH LANGUAGE ARTS, OTHER**

Short Name

Course Code

**ENG OTHER**

**059934**

Include here other organized subject matter and experiences emphasized in English language arts which are not classifiable or listed above.

Course codes for Introduction to Media, Media Production I, and Media Production II are found within Communication & Information Systems located within Career Education course listings.

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521

---

<b>FINE ARTS (ART)</b>
------------------------

**ART I**

Short Name

Course Code

**ART I**

**020100**

The curriculum includes activities and experiences designed to develop skills in working with a variety of artistic techniques, processes, and media. The curriculum relates art to the individual student, culture, history, and to other curricular areas.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
GENERAL ART	0201
MIDDLE GR/ART	1811

**ART II**

Short Name

Course Code

**ART II**

**020200**

A second course in Art. In-depth considerations of design and composition, with extended experiences in two and three dimensional work; may be in 9-week segments emphasizing, for example:

- Drawing
- Painting
- Printmaking
- Pottery/Ceramics
- Sculpture
- Photography

Further consideration of art appreciation, theory, and history may be included at this level.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
MIDDLE GR/ART	1811

**ART III**

Short Name

Course Code

**ART III**

**020300**

An extension of the experiences provided in Art II with the opportunity for increasing specialization. Specialized courses in art appreciation, theory and history should be designated with this title.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200

<b>FINE ARTS (ART)</b>
------------------------

**ART IV**

Short Name  
**ART IV**

Course Code  
**020400**

Independent, contract study.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200

**ADVANCED PLACEMENT STUDIO ART 2D**

Short Name  
**AP ART 2D**

Course Code  
**020500**

The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios - 2-D Design, 3-D Design and Drawing - corresponding to the most common college foundation courses.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: [www.collegeboard.com](http://www.collegeboard.com).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200

**ADVANCED PLACEMENT STUDIO ART 3D**

Short Name  
**AP ART 3D**

Course Code  
**020501**

The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios - 2-D Design, 3-D Design and Drawing - corresponding to the most common college foundation courses.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: [www.collegeboard.com](http://www.collegeboard.com).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200



<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 89</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>FINE ARTS (ART)</b>
------------------------

<b>ADVANCED PLACEMENT STUDIO ART DRAW</b>	<u>Short Name</u> <b>AP ART DR</b>	<u>Course Code</u> <b>020502</b>
---	---------------------------------------	-------------------------------------

The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios - 2-D Design, 3-D Design and Drawing - corresponding to the most common college foundation courses.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: [www.collegeboard.com](http://www.collegeboard.com).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200

<b>ADVANCED PLACEMENT ART HISTORY</b>	<u>Short Name</u> <b>AP ARTHIST</b>	<u>Course Code</u> <b>020503</b>
---------------------------------------	--	-------------------------------------

The AP Art History course should engage students at the same level as an introductory college art history survey. Such a course involves critical thinking and should develop an understanding and knowledge of diverse historical and cultural contexts of architecture, sculpture, painting and other media.

It also provides an opportunity for schools to strengthen an area neglected in most curricula. In this course, students examine and critically analyze major forms of artistic expression from the past and the present from a variety of cultures. While visual analysis is a fundamental tool of the art historian, art history emphasizes understanding how and why works of art function in context, considering such issues as patronage, gender, and the functions and effects of works of art. Many colleges and universities offer advanced placement and/or credit to students who perform successfully on the AP Art History Exam.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200

<b>PHOTOGRAPHY</b>	<u>Short Name</u> <b>PHOTOGRAPH</b>	<u>Course Code</u> <b>020600</b>
--------------------	--	-------------------------------------

An introductory course dealing with the study of such topics as exposure, film types, filters, cameras, lenses, close-up photography, photomacrography, photomicrography, proof sheets, negatives, the darkroom, and basic techniques and skills of photography.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
MIDDLE GR/ART	1811

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 90</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>FINE ARTS (ART)</b>
------------------------

**ART-MIDDLE GRADES/JUNIOR HIGH I**

Short Name

Course Code

**ART MG I**

**020800**

The curriculum includes activities and experiences designed to develop skills in working with a variety of artistic techniques, processes, and media. The curriculum relates art to the individual student, culture, history, and to other curricular areas.

Use this code for the first course in art at the middle grades/junior high level.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
GENERAL ART	0201
MIDDLE GR/ART	1811

**ART-MIDDLE GRADES/JUNIOR HIGH II**

Short Name

Course Code

**ART MG II**

**020801**

The curriculum includes activities and experiences designed to develop skills in working with a variety of artistic techniques, processes, and media. The curriculum relates art to the individual student, culture, history, and to other curricular areas.

Use this code for the second course in art at the middle grades/junior high level.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
GENERAL ART	0201
MIDDLE GR/ART	1811

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 91</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>FINE ARTS (ART)</b>
------------------------

**ART-MIDDLE GRADES/JUNIOR HIGH III**

Short Name

Course Code

**ART MG III**

**020802**

The curriculum includes activities and experiences designed to develop skills in working with a variety of artistic techniques, processes, and media. The curriculum relates art to the individual student, culture, history, and to other curricular areas.

Use this code for the third course in art at the middle grades/junior high level.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
GENERAL ART	0201
MIDDLE GR/ART	1811

---

**ART, OTHER**

Short Name

Course Code

**ART OTHER**

**029930**

Programs or courses not otherwise listed or classifiable.

Using codes 029930 through 029934 means you can add five "other" courses by using one code for each of the five courses.

Course codes for Introduction to Digital Design, Intermediate Digital Design, and Advanced Digital Design are found within Career Education course listings under Communication & Information Systems.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
GENERAL ART	0201
MIDDLE GR/ART	1811

---

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 92</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>FINE ARTS (ART)</b>
------------------------

**ART, OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>ART OTHER</b>	<b>029931</b>

Programs or courses not otherwise listed or classifiable.

Course codes for Introduction to Digital Design, Intermediate Digital Design, and Advanced Digital Design are found within Career Education course listings under Communication & Information Systems.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
GENERAL ART	0201
MIDDLE GR/ART	1811

**ART, OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>ART OTHER</b>	<b>029932</b>

Programs or courses not otherwise listed or classifiable.

Course codes for Introduction to Digital Design, Intermediate Digital Design, and Advanced Digital Design are found within Career Education course listings under Communication & Information Systems.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
GENERAL ART	0201
MIDDLE GR/ART	1811

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 93</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>FINE ARTS (ART)</b>
------------------------

**ART, OTHER**

Short Name  
**ART OTHER**

Course Code  
**029933**

Programs or courses not otherwise listed or classifiable.

Course codes for Introduction to Digital Design, Intermediate Digital Design, and Advanced Digital Design are found within Career Education course listings under Communication & Information Systems.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
GENERAL ART	0201
MIDDLE GR/ART	1811

**ART, OTHER**

Short Name  
**ART OTHER**

Course Code  
**029934**

Programs or courses not otherwise listed or classifiable.

Course codes for Introduction to Digital Design, Intermediate Digital Design, and Advanced Digital Design are found within Career Education course listings under Communication & Information Systems.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
GENERAL ART	0201
MIDDLE GR/ART	1811

**FINE ARTS (THEATRE)****INTRODUCTION TO THEATRE**Short Name**THEATRE**Course Code**220100**

Courses involving study of playwriting, dramatic literature, scenic design, acting, directing, and the supporting arts and crafts of the THEATRE and may include certain aspects of radio, TV, film, and other media. Generally, such study should be coupled with opportunities for the actual production of the various forms of theatre arts.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement NameEndorsement Number

ENGLISH LANGUAGE ARTS

0502

MIDDLE GR/LANGUAGE ARTS

1817

THEATRE

0523

THEATRE

1204

<b>FINE ARTS (MUSIC)</b>
--------------------------

**MUSIC**

<u>Short Name</u>	<u>Course Code</u>
<b>MUSIC</b>	<b>120100</b>

Music designed for all students for general cultural development.

This code should also be used for:  
General Music

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INSTRUMENTAL MUSIC	1202
MUSIC	1201
VOCAL MUSIC	1203

**VOCAL MUSIC**

<u>Short Name</u>	<u>Course Code</u>
<b>VOCALMUSIC</b>	<b>120400</b>

Learning experiences designed for vocal repertoire and vocal skills through solo and group performance in ensembles of students such as a choir, chorus and swing choir/show choir.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MUSIC	1201
VOCAL MUSIC	1203

**SMALL PERFORMING GROUPS/VOCAL**

<u>Short Name</u>	<u>Course Code</u>
<b>VOC GRPS</b>	<b>120450</b>

A vocal chamber group such as a trio, quartet, octet, and/or ensembles that offer opportunities not available in larger groups.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MUSIC	1201
VOCAL MUSIC	1203

<b>FINE ARTS (MUSIC)</b>
--------------------------

**INSTRUMENTAL MUSIC**

Short Name

Course Code

**INSTRMUSIC**

**120500**

The study of instrumental music skills through solo and group performance in larger ensembles of students such as concert, marching, and jazz band, and full or string orchestra.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INSTRUMENTAL MUSIC	1202
MUSIC	1201

**SMALL PERFORMING GROUPS/INSTRUMENTAL**

Short Name

Course Code

**INSTR GRPS**

**120550**

An instrumental chamber group such as a trio, quartet, or quintet that offers opportunities not available in larger groups.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INSTRUMENTAL MUSIC	1202
MUSIC	1201

**INDIVIDUAL INSTRUCTION/VOCAL**

Short Name

Course Code

**IND/VOC**

**120600**

Instruction designed for developing skills and knowledge in vocal performance.

NOTE: No more than 10 instructional units may be counted for either vocal or instrumental individual instruction or any combination thereof.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MUSIC	1201
VOCAL MUSIC	1203



<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 97</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>FINE ARTS (MUSIC)</b>
--------------------------

**INDIVIDUAL INSTRUCTION/INSTRUMENTAL**

Short Name

Course Code

**IND/INS**

**120650**

Instruction designed for developing skill and knowledge in instrumental performance.

NOTE: No more than 10 instructional units may be counted for either vocal or instrumental individual instruction or any combination thereof.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INSTRUMENTAL MUSIC	1202
MUSIC	1201

---

**ADVANCED PLACEMENT MUSIC THEORY**

Short Name

Course Code

**AP MUSTHEO**

**120700**

The ultimate goal of an AP Music Theory course is to develop a student's ability to recognize, understand and describe the basic materials and processes of music that are heard or presented in a score. In an AP Music Theory course, students should be required to read, notate, write, sing and listen to music.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: [www.collegeboard.com](http://www.collegeboard.com).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INSTRUMENTAL MUSIC	1202
MUSIC	1201
VOCAL MUSIC	1203

---

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 98</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>FINE ARTS (MUSIC)</b>
--------------------------

**MUSIC, OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>MUSIC OTH</b>	<b>129930</b>

Music courses not listed or classifiable under the above codes.

This code could be used for:  
 Music Literature, History  
 Music Appreciation  
 Music Theory

Using codes 129930 through 129934 means you can add five "other" courses by using one code for each one of the five courses.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INSTRUMENTAL MUSIC	1202
MUSIC	1201
VOCAL MUSIC	1203

**MUSIC, OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>MUSIC OTH</b>	<b>129931</b>

Music courses not listed or classifiable under the above codes.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INSTRUMENTAL MUSIC	1202
MUSIC	1201
VOCAL MUSIC	1203

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 99</b>	<b>Revised May 2018</b>
---	--------------------	---------------------------------

<b>FINE ARTS (MUSIC)</b>
--------------------------

**MUSIC, OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>MUSIC OTH</b>	<b>129932</b>

Music courses not listed or classifiable under the above codes.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INSTRUMENTAL MUSIC	1202
MUSIC	1201
VOCAL MUSIC	1203

**MUSIC, OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>MUSIC OTH</b>	<b>129933</b>

Music courses not listed or classifiable under the above codes.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INSTRUMENTAL MUSIC	1202
MUSIC	1201
VOCAL MUSIC	1203

**FINE ARTS (MUSIC)**

**MUSIC, OTHER**

Short Name

Course Code

**MUSIC OTH**

**129934**

Music courses not listed or classifiable under the above codes.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INSTRUMENTAL MUSIC	1202
MUSIC	1201
VOCAL MUSIC	1203

---

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 101</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>HEALTH SCIENCES</b>
------------------------

**EXPLORATION OF HEALTH SCIENCES**

<u>Short Name</u>	<u>Course Code</u>
<b>EXPLORE HS</b>	<b>077200</b>

Introduction to Health Science careers within the five pathways. This course may provide experiences along with information and knowledge related to the health care field.

Recommended Level: Middle/Junior High

Career Cluster: Health Sciences

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSUMER SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700

**PLTW MEDICAL DETECTIVES**

<u>Short Name</u>	<u>Course Code</u>
<b>PLTW MD</b>	<b>077201</b>

This course is taught at the middle school level. Medical Detectives (MD) explores the biomedical sciences through hands-on projects and labs that require students to solve a variety of medical mysteries. Students investigate medical careers, vital signs, diagnosis and treatment of diseases, as well as human body systems such as the nervous system. Genetic testing for hereditary diseases and DNA crime scene analysis put the students in the place of real life medical detectives.

Teacher/Instructor is required to complete PLTW teacher professional development in order to teach this course.

Recommended Level: Grade 8

Career Cluster: Health Sciences

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH SCIENCES	0700
SCIENCE	1301

**HEALTH SCIENCES**

**HEALTH SCIENCES I**

Short Name

Course Code

**HLTHSC I**

**077300**

This course is designed to introduce students to career opportunities and related skills in the Health Science career field. Students will explore topics related to; health informatics, biotechnology research, therapeutic certificated services, behavioral health, life span performance and allied/public health. This course also focuses on cost and educational requirements of health science professions, ethical and legal responsibilities, the history and economics of health care.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization

Recommended Level: Grades 9-12

Career Cluster: Health Sciences

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

**HEALTH SCIENCES II**

Short Name

Course Code

**HLTHSC II**

**077301**

This course is a continuation of the Health Sciences I course and is the second course in a three course sequence. Instruction includes anatomy and physiology, medical terminology, medical ethics and law, diseases and disorders, positive and negative health and wellness behaviors, and basic first aid. Students will gain skills related to continuing in the health sciences career field, which will be utilized in the Project Based Learning experience (the third course in this sequence).

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization..

Recommended Level: Grades 9-12

Career Cluster: Health Sciences

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 103</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>HEALTH SCIENCES</b>
------------------------

**HEALTH SCIENCES III**

Short Name

Course Code

**HLTHSCIII**

**077302**

This course is a continuation of Health Science I and Health Science II and is the third course in a three course program of study. It has been designed to give the student a project based learning (PBL) experience in relation to health sciences. Students will follow a project based learning model of the classroom teacher's choice, such as the Buck Institute for Education Project Based Learning Model. Students will be required to give a final presentation of their experience in the media of their choice to community members. This course will include work-based experiences and advanced career planning as a result of this experience. This course can also be designed as an individualized study plan.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Technical Student Organization (CTSO).

Recommended Level: Grades 11-12

Career Cluster: Health Sciences

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

**PERSONAL AND COMMUNITY MEDICAL ISSUES/PUBLIC HEALTH**

Short Name

Course Code

**MEDISSPH**

**077303**

Students will gain an increased understanding of how their personal health is influenced by a wide range of biological, environmental, political, and societal factors, and will explore the numerous ways in which public health professionals are trained to promote and protect population health and well-being locally, regionally, at the national, as well as the global level. This course will engage students in critical conversations around how they can influence their own, as well their community's health outcomes through education and advocacy efforts. A variety of both acute and chronic diseases will be explored from a public health perspective.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 11-12

Career Cluster: Health Sciences

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

<b>HEALTH SCIENCES</b>
------------------------

**EXPLORING LABORATORY MEDICINE**

Short Name

Course Code

**LABMED**

**077304**

This class will explore the global range of career opportunities available in the clinical lab career field. Examination of legal and ethical issues will be covered throughout the class. Participants will have hands on practice with laboratory techniques, equipment, and record keeping relevant to medical, veterinary, dental, biotechnology, agricultural and food science and multiple other professions.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 9-12

Career Cluster: Health Sciences

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

**NURSING ASSISTANT/CNA**

Short Name

Course Code

**NA/CNA**

**077400**

This is a basic nursing knowledge and skills course for the nurse assistant in a health care setting. It meets the requirements of Public Law 100-203 OBRA and is approved by the Nebraska Department of Health. This course is required to be taught by a R.N. or B.S.N. in order for students to receive high school credit, arrangements need to be made to insure teaching certification. This course may be available for dual credit at a postsecondary institution.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 9-12

Career Cluster: Health Sciences

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301



<b>HEALTH SCIENCES</b>
------------------------

**MEDICATION AIDE**

Short Name

Course Code

**MEDAIDE**

**077401**

A course of instruction in which an individual receives training in administering medications, this course has minimum requirement of 40 hours and students must be 18 yrs of age in order to sit for the written exam administered by the state board of Health and Human Services. This course must be taught by an R.N. licensed in QMA. This course may be available for dual credit at a postsecondary institution.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 11-12

Career Cluster: Health Sciences

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

**EMERGENCY MEDICAL TECHNICIAN/CERT**

Short Name

Course Code

**EMT/CERT**

**077402**

This course is designed and based on the Department of Transportation's National Highway Safety Administrations Emergency Medical Technician National Education Standards for teaching basic emergency medical care and transportation of critical and emergent patients who access the emergency medical system. This course focuses on the basic knowledge and skills necessary to provide care and transportation in an emergency situation providing the link between the emergency scene to the emergency health care system. Students learn to perform interventions with the basic equipment typically found on an ambulance.

This must be taught by a State licensed Emergency Medical Services - Instructor. Students must complete course and successfully complete the National Registry of Emergency Medical Technician's certification examination in order to apply for a State EMT license. Students must have reached the age of 18 in order to sit for the exam. A cooperating Nebraska endorsed teacher must collaborate with this course if the EMS instructor does not have a postsecondary dual-credit or a career education teaching permit. This course may be available for dual credit at a postsecondary institution.

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

Recommended Level: Grade 11  
Career Cluster: Health Sciences

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH SCIENCES	0700
SCIENCE	1301

<b>HEALTH SCIENCES</b>
------------------------

**PHARMACY TECHNICIAN**

<u>Short Name</u>	<u>Course Code</u>
<b>PHARM TECH</b>	<b>077444</b>

This course is an introduction to pharmacy technology professions. Employment opportunities and basic pre-pharmacy technician skills which may be utilized in either clinical and community settings such as retail, home health care and ambulatory care pharmacies. This course is recommended for students planning on pursuing careers which may require basic pharmaceutical knowledge, common health care mathematical applications and/or technical proficiency in the administration medications. After the completion of this course, students may be eligible to take the Pharmacy Technician Certification Exam (PTCE) through the Pharmacy Technician Certification Board (PTCB). This course may be available for dual credit at a postsecondary institution.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Prerequisites for the course are Introduction to Health Sciences (077300) and Medical Terminology (077600).

Recommended Level: Grades 11-12

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Career Cluster: Health Sciences

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
HEALTH SCIENCES	0700
SCIENCE	1301

**PHLEBOTOMY TECHNICIAN**

<u>Short Name</u>	<u>Course Code</u>
<b>PHL TECH</b>	<b>077446</b>

This is a semester course designed to help the student become prepared for the phlebotomy technician certification exam upon completion of all required components. This course may be available for dual credit at a postsecondary institution.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 11-12

Career Cluster: Health Sciences

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
HEALTH SCIENCES	0700
SCIENCE	1301

**HEALTH SCIENCES**

**INTRODUCTION TO SPORTS MEDICINE**

Short Name  
**SPORTS MED**

Course Code  
**077500**

This course is designed for students who may be interested in a career in Sports Medicine. This course should feature the prevention, recognition, treatment, and rehabilitation of activities caused by physical activity or athletics. Topics may include taping and bandaging, proper use of protective padding, treatment modalities, anatomy and physiology, medical terminology. Students may learn to measure cardio respiratory endurance, flexibility, body composition, and blood pressure. CPR/AED certification is a prerequisite for this course or a required outcome of the course. This course may be available for dual credit at a postsecondary institution.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Health Sciences

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

**MEDICAL TERMINOLOGY**

Short Name  
**MED TERM**

Course Code  
**077600**

This course is designed to help students learn medical language by analyzing their components. The primary focus is on developing both oral and written skills in the language used to communicate within health care professions. This course may be available for dual credit at a postsecondary institution.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 9-12

Career Cluster: Health Sciences

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

<b>HEALTH SCIENCES</b>
------------------------

**EXERCISE SCIENCE**

Short Name

Course Code

**EXER SCI**

**077601**

This course is appropriate for students wishing to pursue a career in personal training or for those who desire an introduction in the field of exercise science. The course will enable students to perform fitness assessments, according to current national guidelines and to use data to develop exercise and training routines, fitness plans and nutritional programs to fit the needs of clients. Successful completion of this course along with any other requirements may lead to a potential eligibility to take the Personal Trainer Exam through a certifying body. Leadership development activities of the career and technical student organization HOSA|Future Health Professionals is strongly encouraged. This course may be available for dual credit at a postsecondary institution. Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Prerequisites for this course are Introduction to Health Sciences (077300) and Anatomy/Physiology (130210).

Recommended Level: Grades 11 -12      Career Cluster: Health Sciences

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

**PERFORMANCE NUTRITION**

Short Name

Course Code

**SPORT NUTR**

**077701**

This course is designed to give students an introduction to professional or support careers in the field of Performance and Sport Nutrition. This course includes instruction on the principles and science of basic nutrition; its relationship to individual health throughout the entire life cycle; how nutrients have an effect on personal health; how nutrients can both positively and negatively impact the human body before, during and after performance.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 11-12

Career Cluster: Health Sciences

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

<b>HEALTH SCIENCES</b>
------------------------

**HUMAN LIFE CYCLE NUTRITION**

Short Name

Course Code

**HULICY NUT**

**077702**

This course is designed to give students an understanding of human nutrition and how it plays a role in every human life cycle. Students will apply nutritional concepts to specific lifestyles requirements across the lifespan. Students will evaluate nutrition and wellness practices and suggest improvement plans based on current USDA recommendations and socioeconomic impacts on eating. In this course, students will assess career options and employment skills required to be in the food and nutrition industry.

Classroom and laboratory activities are supplemented through experiences and leadership programs and activities through Nebraska HOSA/Future Health Professionals and Nebraska FCCLA Career Student Organizations (CTSO's).

Recommended Level: Grades 10-12

Career Cluster: Health Sciences

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH SCIENCES	0700
SCIENCE	1301

**HEALTH INFORMATION TECHNOLOGY**

Short Name

Course Code

**HIT**

**077800**

Health Information Technology (HIT) is the management and use of information in Health Sciences related to, but not limited to, communications, legal & ethical implications, data management & organization, and technology applications. Completion of this course allows the student to obtain entry-level competencies defined by the American Health Information Management Association. These are nationally accepted standards of practitioner roles and function. This course may be available for dual credit at a postsecondary institution.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 9-12

Career Cluster: Health Sciences

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH SCIENCES	0700
INFORMATION TECHNOLOGY	2701

<b>HEALTH SCIENCES</b>
------------------------

**BEHAVIORAL HEALTH I**

Short Name

Course Code

**BEHAV HE I**

**077801**

This is the first of two one a semester courses that establishes a foundation that is necessary to understand and investigate the field of Behavioral Health. Course emphasis is placed on teaching students to successfully investigate the Behavioral Health workforce structure and acquire awareness and knowledge of career area.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 11-12  
Career Cluster: Health Sciences

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH SCIENCES	0700
PSYCHOLOGY	1508
SOCIAL SCIENCE	1501
SOCIOLOGY	1509

**BEHAVIORAL HEALTH II**

Short Name

Course Code

**BEHAV HEII**

**077802**

Student must have completed Behavioral Health I in order to take this course. Course establishes a foundation that is necessary to understand and investigate the field of Behavioral Health. Course emphasis is placed on teaching students to successfully investigate the Behavioral Health workforce structure and acquire awareness and knowledge of career area.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 11-12  
Career Cluster: Health Sciences

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH SCIENCES	0700
PSYCHOLOGY	1508
SOCIAL SCIENCE	1501
SOCIOLOGY	1509

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 111</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>HEALTH SCIENCES</b>
------------------------

<b>PLTW PRINCIPLES OF BIOMEDICAL SCIENCE I</b>	<u>Short Name</u> <b>PLTW BMD I</b>	<u>Course Code</u> <b>077803</b>
--	--	-------------------------------------

This is the first of two courses. Students must complete this course in order to take Biomedical Science II. Due to the nature of PLTW project based course design this yearlong course is divided into two semesters for course coding and reporting. It is up to the teacher discretion where semester break occurs in individual classrooms.

In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

Teacher/Instructor is required to successfully complete PLTW teacher professional development in order to teach this course.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Recommended Level: Grades 9-10  
Career Cluster: Health Sciences

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH SCIENCES	0700
SCIENCE	1301

<b>PLTW PRINCIPLES OF BIOMEDICAL SCIENCE II</b>	<u>Short Name</u> <b>PLTW BMDII</b>	<u>Course Code</u> <b>077804</b>
---	--	-------------------------------------

This is the second of two courses. Students must complete Biomedical Science I in order to take this class. Due to the nature of PLTW project based course design this yearlong course is divided into two semesters for course coding and reporting. It is up to the teacher discretion where semester break occurs in individual classrooms.

In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

Teacher/Instructor is required to successfully complete PLTW teacher professional development in order to teach this course.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Recommended Level: Grades 9-10  
Career Cluster: Health Sciences

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH SCIENCES	0700
SCIENCE	1301

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 112</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>HEALTH SCIENCES</b>
------------------------

**PLTW HUMAN BODY SYSTEMS I**

Short Name

Course Code

**PLTW HBS I**

**077805**

This is the first of two courses. Students must complete in order to take Human Body Systems II. Due to the nature of PLTW project based course design this yearlong course is divided into two semesters for course coding and reporting. It is up to the teacher discretion where semester break occurs in individual classrooms.

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases. Classroom and laboratory activities are supplemented through health science experiences and leadership programs and activities.

Teacher/Instructor is required to successfully complete PLTW teacher professional development in order to teach this course.

**Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:**

Recommended Level: Grades 10-11

Career Cluster: Health Sciences

Endorsement Name

Endorsement Number

BIOLOGY

1303

FAMILY/CONSUMER SCIENCE

0903

HEALTH SCIENCES

0700

SCIENCE

1301

**PLTW HUMAN BODY SYSTEMS II**

Short Name

Course Code

**PLTW HBSII**

**077806**

This is the second of two courses. Student must complete Human Body Systems I in order to take this course. Due to the nature of PLTW project based course design this yearlong course is divided into two semesters for course coding and reporting. It is up to the teacher discretion where semester break occurs in individual classrooms.

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases. Classroom and laboratory activities are supplemented through health science experiences and leadership programs and activities.

Teacher/Instructor is required to successfully complete PLTW teacher professional development in order to teach this course.

**Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:**

Recommended Level: Grades 10-11

Career Cluster: Health Sciences

Endorsement Name

Endorsement Number

BIOLOGY

1303

FAMILY/CONSUMER SCIENCE

0903

HEALTH SCIENCES

0700

SCIENCE

1301



<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 113</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>HEALTH SCIENCES</b>
------------------------

**PLTW MEDICAL INTERVENTIONS I**

Short Name

Course Code

**PLTW MI I**

**077807**

This is the first of two courses. Students must take this course in order to take Medical Interventions II. Due to the nature of PLTW project based course design this yearlong course is divided into two semesters for course coding and reporting. It is up to the teacher discretion where semester break occurs in individual classrooms.

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. Classroom and laboratory activities are supplemented through health science experiences and leadership programs and activities.

Teacher/Instructor is required to successfully complete PLTW teacher professional development in order to teach this course.

**Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:**

Recommended Level: Grades 10-11

Career Cluster: Health Sciences

Endorsement Name

Endorsement Number

BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH SCIENCES	0700
SCIENCE	1301

**PLTW MEDICAL INTERVENTIONS II**

Short Name

Course Code

**PLTW MI II**

**077808**

This is the second of two courses. Students must have taken Medical Interventions I in order to take this course. Due to the nature of PLTW project based course design this yearlong course is divided into two semesters for course coding and reporting. It is up to the teacher discretion where semester break occurs in individual classrooms.

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. Classroom and laboratory activities are supplemented through health science experiences and leadership programs and activities.

Teacher/Instructor is required to successfully complete PLTW teacher professional development in order to teach this course.

**Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:**

Recommended Level: Grades 10-11

Career Cluster: Health Sciences

Endorsement Name

Endorsement Number

BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH SCIENCES	0700
SCIENCE	1301

<b>HEALTH SCIENCES</b>
------------------------

**PLTW BIOMEDICAL INNOVATION I**

Short Name

Course Code

**PLTW BMI I**

**077809**

This is the first of two courses. Student must take this course in order to take Biomedical Innovation II. Due to the nature of PLTW project based course design this yearlong course is divided into two semesters for course coding and reporting. It is up to the teacher discretion where semester break occurs in individual classrooms.

In this capstone course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gain from previous courses to design innovation solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent design project with a mentor or advisor from a university, medical facility, or research institution. Classroom and laboratory activities are supplemented through health science experiences and leadership programs and activities.

Teacher/Instructor is required to successfully complete PLTW teacher professional development in order to teach this course.

**Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:**

Recommended Level: Grade 12  
Career Cluster: Health Sciences

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH SCIENCES	0700
SCIENCE	1301

**PLTW BIOMEDICAL INNOVATION II**

Short Name

Course Code

**PLTWBMI II**

**077810**

This is the second of two courses. Student must have taken Biomedical Innovation I in order to take this class. Due to the nature of PLTW project based course design this yearlong course is divided into two semesters for course coding and reporting. It is up to the teacher discretion where semester break occurs in individual classrooms.

In this capstone course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gain from previous courses to design innovation solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent design project with a mentor or advisor from a university, medical facility, or research institution. Classroom and laboratory activities are supplemented through health science experiences and leadership programs and activities.

Teacher/Instructor is required to successfully complete PLTW teacher professional development in order to teach this course.

**Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:**

Recommended Level: Grade 12  
Career Cluster: Health Sciences

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH SCIENCES	0700
SCIENCE	1301

<b>HEALTH SCIENCES</b>
------------------------

**HEALTH INFORMATION MANAGEMENT AND ETHICS**

Short Name

Course Code

**HE ITMA ET**

**077812**

This course establishes a foundation that is necessary to understand and investigate the field of Health Information Management and Ethics. Legal relationships of physicians and patients, management of communications, contractual agreements, professional liability, malpractice, medical practice acts, and biotechnical issues will be covered with emphasis placed on legal terms, professional attitudes, and the principles of basic concepts of ethics involved in providing medical services.

This course may be available for dual credit at a postsecondary institution.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization..

Recommended Level: Grades 10-12

Career Cluster: Health Sciences

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903
HEALTH SCIENCES	0700
SOCIAL SCIENCE	1501

**ALLIED HEALTH AND MEDICINE**

Short Name

Course Code

**ALL HEALTH**

**077900**

This class will give student practical application at a clinical site or simulated experience. These experiences can occur in a variety of locations included classroom/lab and availability of community resources as determined by the instructor. The experiences should be designed to enhance and supplement the students' knowledge and skill in allied health. The class also includes research for a professional career of interest documented by a professional portfolio.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 11-12

Career Cluster: Health Sciences

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

<b>HEALTH SCIENCES</b>
------------------------

**HEALTH SCIENCES, OTHER**

Short Name

Course Code

**HS OTHER**

**077930**

Health Sciences courses not listed or classifiable under the above codes, including independent study courses. This would include classes designated for preparation for a specific pathway in Therapeutic Services, Diagnostic Services, Health Information, Health Support Services, Health Sciences, and/or Health Care Sciences. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Health Sciences

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

**HEALTH SCIENCES, OTHER**

Short Name

Course Code

**HS OTHER**

**077931**

Health Sciences courses not listed or classifiable under the above codes, including independent study courses. This would include classes designated for preparation for a specific pathway in Therapeutic Services, Diagnostic Services, Health Information, Health Support Services, Health Sciences, and/or Health Care Sciences. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Health Sciences

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

<b>HEALTH SCIENCES</b>
------------------------

**HEALTH SCIENCES, OTHER**

Short Name

Course Code

**HS OTHER**

**077932**

Health Sciences courses not listed or classifiable under the above codes, including independent study courses. This would include classes designated for preparation for a specific pathway in Therapeutic Services, Diagnostic Services, Health Information, Health Support Services, Health Sciences, and/or Health Care Sciences. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Health Sciences

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

**HEALTH SCIENCES, OTHER**

Short Name

Course Code

**HS OTHER**

**077932**

Health Sciences courses not listed or classifiable under the above codes, including independent study courses. This would include classes designated for preparation for a specific pathway in Therapeutic Services, Diagnostic Services, Health Information, Health Support Services, Health Sciences, and/or Health Care Sciences. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Health Sciences

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 118</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>HEALTH SCIENCES</b>
------------------------

**HEALTH SCIENCES, OTHER**

Short Name

Course Code

**HS OTHER**

**077934**

Health Sciences courses not listed or classifiable under the above codes, including independent study courses. This would include classes designated for preparation for a specific pathway in Therapeutic Services, Diagnostic Services, Health Information, Health Support Services, Health Sciences, and/or Health Care Sciences. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Health Sciences

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

<b>HOSPITALITY AND TOURISM</b>
--------------------------------

**HOSPITALITY AND TOURISM**

Short Name

Course Code

**HOSP TOUR**

**370010**

Hospitality and Tourism provides the student with an understanding of one of the largest industries in the world. Specific applications include the evolution of the industry, food and beverage, lodging, international and domestic travel, business operations, and hospitality and tourism career exploration.

Recommended Level: Grades 9-12

Career Cluster: Hospitality and Tourism

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
FAMLY/CONSMR SCIENCE	0903

**CULINARY SKILLS 1**

Short Name

Course Code

**CULINARY1**

**370021**

This course is designed to provide students with curriculum which is focused on the foodservice industry and provides training in workplace and culinary skills, food safety and sanitation, interpersonal and communication skills, as well as an exposure to the areas of restaurant management and career exploration.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA and SkillsUSA Career Student Organizations.

Recommended Level: Grades 10-12

Career Cluster: Hospitality and Tourism

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMLY/CONSMR SCIENCE	0903

**CULINARY SKILLS 2**

Short Name

Course Code

**CULINARY2**

**370022**

This course is designed to provide students with an advanced curriculum which is focused on the foodservice industry and provides training in workplace and culinary skills, interpersonal and communication skills, as well as an exposure to the areas of restaurant management and career exploration. ServSafe Certification may be available at this level through the National Restaurant Association Educational Foundation.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA and SkillsUSA Career Student Organizations.

Recommended Level: Grades 10-12

Career Cluster: Hospitality and Tourism

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMLY/CONSMR SCIENCE	0903

**HOSPITALITY AND TOURISM**

**PROSTART 1**

Short Name

Course Code

**PROSTART1**

**370030**

This foundational course is an industry-driven curriculum delivered by the National Restaurant Association that prepares students for careers in the restaurant and foodservice management industry. This course will focus on the following topics: career paths, safety and sanitation, industry standards, food methods and techniques, food service management, and customer services.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA and SkillsUSA Career Student Organizations.

Recommended Level: Grades 10-12

Career Cluster: Hospitality and Tourism

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

FAMILY/CONSMR SCIENCE

0903

**PROSTART 2**

Short Name

Course Code

**PROSTART2**

**370031**

This course is designed to provide students with an industry-driven curriculum delivered by the National Restaurant Association providing real-life opportunities and the application of practical skills encompassing culinary techniques and management skills.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA and SkillsUSA Career Student Organizations.

Recommended Level: Grades 10-12

Career Cluster: Hospitality and Tourism

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

FAMILY/CONSMR SCIENCE

0903

**HOSPITALITY AND TOURISM, OTHER**

Short Name

Course Code

**HOSPOTH**

**379930**

Courses not otherwise listed. Using codes 379930 through 379934 means you can add five "other" courses by using one code for each one of the give courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska DECA, FBLA, FCCLA and SkillsUSA Career Student Organizations.

Recommended Level: Grades 7-12

Career Cluster: Hospitality and Tourism

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

BUSINESS, MARKETING, INFO TECH

0304

FAMILY/CONSMR SCIENCE

0903



**HOSPITALITY AND TOURISM**

**HOSPITALITY AND TOURISM, OTHER**

Short Name

Course Code

**HOSPTOTH**

**379931**

Courses not otherwise listed. Using codes 379930 through 379934 means you can add five "other" courses by using one code for each one of the give courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska DECA, FBLA, FCCLA and SkillsUSA Career Student Organizations.

Recommended Level: Grades 7-12

Career Cluster: Hospitality and Tourism

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
FAMLY/CONSMR SCIENCE	0903

**HOSPITALITY AND TOURISM, OTHER**

Short Name

Course Code

**HOSPTOTH**

**379932**

Courses not otherwise listed. Using codes 379930 through 379934 means you can add five "other" courses by using one code for each one of the give courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska DECA, FBLA, FCCLA and SkillsUSA Career Student Organizations.

Recommended Level: Grades 7-12

Career Cluster: Hospitality and Tourism

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
FAMLY/CONSMR SCIENCE	0903

**HOSPITALITY AND TOURISM, OTHER**

Short Name

Course Code

**HOSPTOTH**

**379933**

Courses not otherwise listed. Using codes 379930 through 379934 means you can add five "other" courses by using one code for each one of the give courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska DECA, FBLA, FCCLA and SkillsUSA Career Student Organizations.

Recommended Level: Grades 7-12

Career Cluster: Hospitality and Tourism

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
FAMLY/CONSMR SCIENCE	0903

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 122</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>HOSPITALITY AND TOURISM</b>
--------------------------------

**HOSPITALITY AND TOURISM, OTHER**

Short Name

Course Code

**HOSPOTH**

**379934**

Courses not otherwise listed. Using codes 379930 through 379934 means you can add five "other" courses by using one code for each one of the give courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska DECA, FBLA, FCCLA and SkillsUSA Career Student Organizations.

Recommended Level: Grades 7-12

Career Cluster: Hospitality and Tourism

*Clearing Endorsement - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

BUSINESS, MARKETING, INFO TECH

0304

FAMILY/CONSMR SCIENCE

0903

<b>HUMAN SERVICES/FACS</b>
----------------------------

**FAMILY AND CONSUMER SCIENCES 6**

<u>Short Name</u>	<u>Course Code</u>
<b>FACS 6</b>	<b>090005</b>

This is a course designed with the introductory concepts of Family and Consumer Sciences in mind. Students will develop their knowledge of family living, decision making, nutrition, and consumer practices.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Middle/Junior High

Career Cluster: Human Sciences and Education/Family and Consumer Sciences

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSUMER SCIENCE	0903
MIDDLE GR/FAMILY & CONSUMER	1813

**FAMILY AND CONSUMER SCIENCES 7**

<u>Short Name</u>	<u>Course Code</u>
<b>FACS 7</b>	<b>090006</b>

This intermediate course is designed to extend learning of Family and Consumer Sciences concepts. Student will develop their knowledge of family living, decision making, nutrition and wellness, independent living, and consumer practices.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Middle/Junior High

Career Cluster: Human Sciences and Education/Family and Consumer Sciences

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSUMER SCIENCE	0903
MIDDLE GR/FAMILY & CONSUMER	1813

**FAMILY AND CONSUMER SCIENCES 8**

<u>Short Name</u>	<u>Course Code</u>
<b>FACS 8</b>	<b>090007</b>

This Family and Consumer Sciences advanced course will develop students' knowledge and skills in areas of relationships, family living, team work and conflict management, nutrition and wellness, consumer practices, and independent living.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Middle/Junior High

Career Cluster: Human Sciences and Education/Family and Consumer Sciences

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSUMER SCIENCE	0903
MIDDLE GR/FAMILY & CONSUMER	1813

**HUMAN SERVICES/FACS**

**INTRODUCTION TO HUMAN SCIENCE/FACS**

Short Name

Course Code

**INT HUMAN**

**090101**

This course is intended to enable students to have a broad scope of experiences that will provide an overview and fundamental knowledge and essential skills of Human Science with a foundation of, but not limited to family and consumer sciences. Students will explore career possibilities and develop a personal learning plan. Students will practice basic life and career readiness skills and learn to apply them to personal life situations.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level - Grades 9 -10

Career Cluster - Human Services

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

FAMILY/CONSUMER SCIENCE

0903

**TEXTILE CONSTRUCTION**

Short Name

Course Code

**TEXTILES**

**090103**

This course provides instruction in social, psychological and historical aspects of clothing and textiles. Textile and apparel design, selection, construction, maintenance and alteration of textile products will be analyzed and taught. This course integrates knowledge, skills, and practices required for careers in textiles and scientific research.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

FAMILY/CONSUMER SCIENCE

0903

**LIFE AND CAREER READINESS**

Short Name

Course Code

**L/C READI**

**090104**

This course is designed to help students learn to manage issues in everyday living, prepare for personal life and career responsibilities and develop employability skills. Participation in this course provides a catalyst to greater self-awareness, enhanced relationships, improved cultural competencies and increased control over choosing direction for one's own life and career.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grade 9-12

Career Cluster: Human Services

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

FAMILY/CONSUMER SCIENCE

0903

<b>HUMAN SERVICES/FACS</b>
----------------------------

**FUNDAMENTALS OF FOOD AND NUTRITION**

<u>Short Name</u>	<u>Course Code</u>
<b>NUTRI FOOD</b>	<b>090107</b>

This course is designed to provide students with the base foundation knowledge of food selection and preparation needed to successfully fuel the human body through consumption of food and resulting food energy. With a beginning foundation of nutrition, students will learn basic preparation skills and the short-term and long-term wellness consequences as a result of nutritional intake, and exposure to careers related to the food industry.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 9-12

Career Cluster: Human Services

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903

**HOME DESIGN AND INTERIORS**

<u>Short Name</u>	<u>Course Code</u>
<b>HOUSING</b>	<b>090109</b>

This course provides instruction in the physical, physiological and social influences of housing styles and options; exterior and interior design; selection, use and care of home furnishings and equipment; use of available resources for achieving improved living space to meet individual and family needs; and exposure to careers related to housing and interior design.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903

**FOOD SCIENCE**

<u>Short Name</u>	<u>Course Code</u>
<b>FOOD SCI</b>	<b>090113</b>

Instruction which provides students with an understanding of the food science industry, food packaging/labeling, sensory evaluation of foods, marketing food products, constituents of foods, nutritive aspects of food constituents, operation of food industry, food microbiology, food processing and food science applications, and, exposure to careers related to food science.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA and FFA Career Student Organizations.

Recommended Level: Grades 10-12

Career Cluster: Human Services

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
FAMILY/CONSMR SCIENCE	0903

**HUMAN SERVICES/FACS**

**INTERPERSONAL RELATIONSHIPS**

Short Name

Course Code

**RELATION**

**090116**

The course includes the study of interpersonal relationships and the effect of these relationships on the well-being of individuals, families, work and society. The course includes concepts such as effective communication, establishing and maintaining relationships, diverse family systems, characteristics of personal development and the impact of relationships on personal and career success.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

FAMILY/CONSMR SCIENCE

0903

**PARENTS AND FAMILIES**

Short Name

Course Code

**PARENTING**

**090117**

Students will evaluate the effects of parenting roles and responsibilities on the well-being of individuals and families. In this course students will explain the following: influences on parenting, decisions to parent, support services for parents, positive actions to support the physical, emotional, intellectual, and social development of family members, parenting theories, and family adjustment to parenthood.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

FAMILY/CONSMR SCIENCE

0903

**CHILD DEVELOPMENT**

Short Name

Course Code

**CHILD DEV**

**090119**

This course integrates knowledge, skills and practices necessary for nurturing the growth and development of children. The study of the physical, emotional, social, and intellectual aspects related to prenatal through age 12 will be studied in addition to the positive and negative factors that impact child growth and development.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

FAMILY/CONSMR SCIENCE

0903

**HUMAN SERVICES/FACS****EARLY CHILDHOOD EDUCATION AND SERVICES**Short NameCourse Code**EARLY CHD****090121**

In this course students will explore education and community resources available for the education and necessary services of young children. Students will be exposed to educational needs and resources as well as begin the development of lesson plans and lesson plan components for the education of young children as well as the career skills necessary for a career in early childhood education and services.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

Endorsement NameEndorsement Number

FAMLY/CONSMR SCIENCE

0903

**EARLY CHILDHOOD PRACTICUM**Short NameCourse Code**CHILD PRAC****090122**

This course is designed to provide students a hands-on early childhood education experience. Course time is used as an interactive learning environment in which students are actively teaching young children. Students will compile their information toward an employment portfolio.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

Endorsement NameEndorsement Number

FAMLY/CONSMR SCIENCE

0903

**HUMAN GROWTH AND DEVELOPMENT**Short NameCourse Code**HUMAN GROW****090123**

This course explores the physical, emotional, social, and intellectual development of individuals across the lifespan. External impacts on development including family structure and practices, social and technological forces, and resources available to individuals and their outcomes will be explored.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

Endorsement NameEndorsement Number

FAMLY/CONSMR SCIENCE

0903

<b>HUMAN SERVICES/FACS</b>
----------------------------

**NUTRITION**

Short Name

Course Code

**NUTRITION**

**090124**

In this course, students develop a deeper understanding of nutrition concepts including reading food labels, analyzing dieting practices including eating disorders, impacts on food consumption and food choices, as well as the role of government nutrition programs.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

FAMLY/CONSMR SCIENCE

0903

**DIETETICS**

Short Name

Course Code

**DIETETICS**

**090125**

Students apply advanced nutritional concepts to specific lifestyle requirements including athletic nutritional needs and needs across the lifespan. Students will evaluate nutrition and wellness practices and suggest improvement plans based on current USDA recommendations and socioeconomic impacts on eating. In this course, students will assess career options and employment skills required to be in the food and nutrition industry.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

FAMLY/CONSMR SCIENCE

0903

**INTRODUCTION TO DESIGN PRINCIPLES**

Short Name

Course Code

**INT DESIGN**

**090126**

Students explore the definition and application of elements and principles of design in both living spaces and clothing and textiles. In this course, students will also evaluate the use of elements and principles and suggest improvements. Students are also exposed to career opportunities and the skills necessary for these career fields.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 9-12

Career Cluster: Human Services

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

FAMLY/CONSMR SCIENCE

0903



<b>HUMAN SERVICES/FACS</b>
----------------------------

**FAMILIES IN CRISIS**

<u>Short Name</u>	<u>Course Code</u>
<b>FAM CRISIS</b>	<b>090127</b>

In this course students identify positive and negative impacts on families including stress, changes in the family life cycle, grief and loss, and mental health disorders. Students will compare and contrast counseling services needed to support families and the types of services available to address conflict and abuse.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903

**CAREERS IN MENTAL HEALTH**

<u>Short Name</u>	<u>Course Code</u>
<b>CAREER MTL</b>	<b>090128</b>

Students will explore the career skills and educational requirements of the variety of careers available that relate to counseling and mental health. Students will examine mental health services and resources in depth and may obtain Mental Health First Aid certification.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903

**FNS - FOOD PRODUCTION, NUTRITION AND HEALTH**

<u>Short Name</u>	<u>Course Code</u>
<b>FOOD PROD</b>	<b>090129</b>

This is a project-based foundational course to introduce students to the size and scope of food production, nutrition and health, and the underlying principles. Students will define the food science industry, describe historical milestones, and analyze how the production, processing, distribution and marketing of food and food products influence consumer behavior and health. Students will apply knowledge about food products, nutrients and the chemical and physical properties of food to solve human nutrition and health problems. Upon completion of this course, students are prepared to enroll in either Food Science or Nutrition Science courses within this program of study in preparation for careers in those areas.

Recommended Level: Grades 10-12

Career Cluster: Human Services and Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
FAMILY/CONSMR SCIENCE	0903

<b>HUMAN SERVICES/FACS</b>
----------------------------

**FNS - FOOD SCIENCE**

Short Name

Course Code

**FOOD SCI**

**090130**

This is a project-based course focusing on preparing students for further education and careers in the Food Science industry. Students will investigate the production, processing, distribution, and marketing of food to consumers. Students will apply the science associated with food and food products to the selection, preservation, processing, packaging and distribution of safe and nutritious food. Students will explain the impacts of food on human health and nutrition.

This course can only be taught by teachers who have completed the FNS training following the FNS curriculum.

Recommended Level: Grades 10-12

Career Cluster: Human Services and Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
FAMILY/CONSMR SCIENCE	0903

**FNS - NUTRITION SCIENCE**

Short Name

Course Code

**NUTRI SCI**

**090131**

This is a project-based course focusing on preparing students for further education and careers in the Nutrition Science industry. Students will understand the relationship between the body, nutrients, and health. Students will apply these understandings and the socioeconomic, cultural, and community influences on diet to develop dietary plans for a variety of lifestyles and human health concerns.

This course can only be taught by teachers who have completed the FNS training following the FNS curriculum.

Recommended Level: Grades 10-12

Career Cluster: Human Services and Agriculture, Food, and Natural Resources

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
FAMILY/CONSMR SCIENCE	0903

**FASHION DESIGN**

Short Name

Course Code

**FASHION**

**090206**

Fashion Design explores the evolving field of the clothing we wear and why we wear it. Students will examine fashion design through historical and current frameworks, consider the process of a design from concept to consumer purchase, and identify key components of fashion pieces that distinguish it from others.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903

**HUMAN SERVICES/FACS****THE BUSINESS OF TEXTILES**Short NameCourse Code**AD TEXTILE****090207**

This course will bring together the parts of knowledge that emphasizes the textiles and bio-fibers, textile production and issues concerning the global textile industry. Students will be required to demonstrate that they can combine concepts to build new ideas for new situations. This course is designed for students interested in careers in the areas but not limited to sales, research or management in the textile industry.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 11-12

Career Cluster: Human Services

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement NameEndorsement Number

FAMLY/CONSMR SCIENCE

0903

**LEADERSHIP AND ETHICS IN HUMAN SERVICES**Short NameCourse Code**LEADER HS****090208**

This course is designed to provide a background of leadership styles and information on the necessary leadership skills including collaboration, ethics and teamwork. The course is assessed with a real-life opportunity to demonstrate one's own leadership style through a practical, personal experience.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: 9-12 grade

Career Cluster: Human Services

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement NameEndorsement Number

FAMLY/CONSMR SCIENCE

0903

**CONSUMER ECONOMICS**Short NameCourse Code**CONECON****090209**

Study directly focuses on students learning the life readiness skills needed to evaluate and implement best management practices related to human, economic and environmental resources. This course of study includes personal and family financial literacy, consumer mathematics and life/work literacy that contribute to the overall wellness and functionality of today's individual.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 11-12

Career Cluster: Human Services

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement NameEndorsement Number

FAMLY/CONSMR SCIENCE

0903

**HUMAN SERVICES/FACS****HUMAN SERVICES/FACS, OTHER**Short NameCourse Code**HSR OTH****099930**

Human Services and Resources courses not otherwise listed or classified. May include Technology and Living and Home Management and other courses with content in Family and Consumer Sciences; Human Services; Education and Training; Law, Public Safety and Security, and/or Government and Public Administration. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 7-12

Career Cluster: Human Services

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement NameEndorsement Number

FAMLY/CONSMR SCIENCE

0903

**HUMAN SERVICES/FACS, OTHER**Short NameCourse Code**HSR OTH****099931**

Human Services and Resources courses not otherwise listed or classified. May include Technology and Living and Home Management and other courses with content in Family and Consumer Sciences; Human Services; Education and Training; Law, Public Safety and Security, and/or Government and Public Administration. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 7-12

Career Cluster: Human Services

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement NameEndorsement Number

FAMLY/CONSMR SCIENCE

0903

**HUMAN SERVICES/FACS, OTHER**Short NameCourse Code**HSR OTH****099932**

Human Services and Resources courses not otherwise listed or classified. May include Technology and Living and Home Management and other courses with content in Family and Consumer Sciences; Human Services; Education and Training; Law, Public Safety and Security, and/or Government and Public Administration. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 7-12

Career Cluster: Human Services

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement NameEndorsement Number

FAMLY/CONSMR SCIENCE

0903

**HUMAN SERVICES/FACS****HUMAN SERVICES/FACS, OTHER**Short NameCourse Code**HSR OTH****099933**

Human Services and Resources courses not otherwise listed or classified. May include Technology and Living and Home Management and other courses with content in Family and Consumer Sciences; Human Services; Education and Training; Law, Public Safety and Security, and/or Government and Public Administration. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 7-12

Career Cluster: Human Services

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement NameEndorsement Number

FAMILY/CONSMR SCIENCE

0903

**HUMAN SERVICES/FACS, OTHER**Short NameCourse Code**HSR OTH****099934**

Human Services and Resources courses not otherwise listed or classified. May include Technology and Living and Home Management and other courses with content in Family and Consumer Sciences; Human Services; Education and Training; Law, Public Safety and Security, and/or Government and Public Administration. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 7-12

Career Cluster: Human Services

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement NameEndorsement Number

FAMILY/CONSMR SCIENCE

0903

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 134</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

**LAW, PUBLIC SAFETY AND SECURITY**

**FOUNDATIONS OF LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY**

Short Name  
**LAW**      Course Code  
**390010**

An exploration of the five pathways of this career cluster: correction services, emergency and fire management services, law enforcement services, legal services and security and protective services, including exposure to careers within all pathways.

Recommended Level: Grades 10-12

Career Cluster: Law, Public Safety and Security

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
OTHER ENDORSEMENT	8888

**INTRODUCTION TO CRIMINAL JUSTICE**

Short Name  
**INCRIM JST**      Course Code  
**390015**

An overview of the history, development and philosophies for crime control and the role of law enforcement within a democratic society. Topics would include an examination of the criminal justice system with an emphasis on the police, the courts (prosecution and defense) and the correctional agencies, and exposure to careers related to criminal justice.

Recommended Level: Grades 10-12

Career Cluster: Law, Public Safety and Security

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
Other Endorsement	8888

**INTRODUCTION TO FIRE & EMERGENCY SERVICES**

Short Name  
**FIRE SERV**      Course Code  
**390020**

An introduction to fire prevention and control including the chemistry of combustion, factors that influence fire and safety procedures. May also introduce students to the organization and regulations of fire departments, emergency medical procedures and fire investigation techniques.

Recommended Level: Grades 10-12

Career Cluster: Law, Public Safety and Security

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
OTHER ENDORSEMENT	8888

<b>LAW, PUBLIC SAFETY AND SECURITY</b>
--

**COURTS & JUDICIAL PROCESS**

Short Name

Course Code

**COURTS**

**390025**

Examines legal aspects of investigative and arrest as well as rule governing the admissibility of evidence in court. It focuses primarily on police and correctional due process, application of the law, and civil liability concerns. Topics include search and seizure, arrest and interrogation, revocation and probation and parole, probable cause and other timely issues.

Recommended Level: Grades 10-12

Career Cluster: Law, Public Safety and Security

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

Other Endorsement

8888

**POLICE AND SOCIETY**

Short Name

Course Code

**POLICE**

**390026**

This course examines the role of the police in relationship to law enforcement and American society. Topics include, but are not limited to the role and function of police, the nature of police organizations and police work, and the patterns of police-community relations.

Recommended Level: Grades 9-12

Career Cluster: Law, Public Safety and Security

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

OTHER ENDORSEMENT

8888

**LAW, PUBLIC SAFETY AND SECURITY, OTHER**

Short Name

Course Code

**LPSS OTHER**

**399930**

Courses not otherwise listed. Using codes 399930 through 399934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Law, Public Safety and Security

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

Other Endorsement

8888

**LAW, PUBLIC SAFETY AND SECURITY**

**LAW, PUBLIC SAFETY AND SECURITY, OTHER**

Short Name

Course Code

**LPSS OTHER**

**399931**

Courses not otherwise listed. Using codes 399930 through 399934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Law, Public Safety and Security

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

OTHER ENDORSEMENT

8888

**LAW, PUBLIC SAFETY AND SECURITY, OTHER**

Short Name

Course Code

**LPSS OTHER**

**399932**

Courses not otherwise listed. Using codes 399930 through 399934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Law, Public Safety and Security

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

Other Endorsement

8888

**LAW, PUBLIC SAFETY AND SECURITY, OTHER**

Short Name

Course Code

**LPSS OTHER**

**399933**

Courses not otherwise listed. Using codes 399930 through 399934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Law, Public Safety and Security

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

OTHER ENDORSEMENT

8888



<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 137</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>LAW, PUBLIC SAFETY AND SECURITY</b>
--

<b>LAW, PUBLIC SAFETY AND SECURITY, OTHER</b>	<u>Short Name</u> <b>LPSS OTHER</b>	<u>Course Code</u> <b>399934</b>
---	--	-------------------------------------

Courses not otherwise listed. Using codes 399930 through 399934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Law, Public Safety and Security

*Clearing Endorsement - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
Other Endorsement	8888

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 138</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>MATHEMATICS</b>
--------------------

**ARITHMETIC**

Short Name

Course Code

**ARITHMETIC**

**110201**

That group of elementary rules and principles giving the existing relationships between, and methods of computing with, numbers. Courses should be designed to develop the skills and habits associated with understanding the number processes.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

**PRE-ALGEBRA**

Short Name

Course Code

**ALGEBRAPRE**

**110299**

This course includes the four basic operations and properties on the real numbers with emphasis on integers, solutions of one and two step equations, and creation of functional tables and graphing linear pairs.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

**ALGEBRA, BEGINNING**

Short Name

Course Code

**ALGEBRA BE**

**110300**

An organization of mathematics subject matter concerned primarily with introductory study of properties of number systems (real number, complex numbers). Topics studied include algebraic expressions and symbols, operations of reals (addition, multiplication, inverse operations), binomials, absolute values, proofs, and functions.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 139</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>MATHEMATICS</b>
--------------------

**ALGEBRA, ADVANCED**

<u>Short Name</u>	<u>Course Code</u>
<b>ALGEBRA AD</b>	<b>110306</b>

An organization of mathematics subject matter concerned primarily with intermediate and advanced study of properties of number systems (real numbers, complex numbers). Topics studied include graphing in two and three dimensions, set notations, polynomials, exponential notation and operations with exponents, upper and lower bounds, continued sums, matrices, vectors, limits, continuous functions, complex number, combinations, and permutations.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100

**APPLIED MATHEMATICS I**

<u>Short Name</u>	<u>Course Code</u>
<b>APPLDMATHI</b>	<b>110501</b>

This course includes concepts found in general mathematics and beginning algebra with emphasis on problems and lab experiences which have everyday relevance. Concepts include using ratio and proportion, powers and roots, and formulas to solve problems.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

**APPLIED MATHEMATICS II**

<u>Short Name</u>	<u>Course Code</u>
<b>APP MATHII</b>	<b>110502</b>

This course includes concepts found in first-year algebra with emphasis on problems and lab experiences which have everyday relevance. Concepts include using linear and nonlinear equations, graphing, factoring, function, quadratics, systems of equations and inequalities to solve problems.

Upon prior completion of a year of appropriate beginning algebra concepts and upon completion of all algebra units in Applied Mathematics II, algebra credit can be given.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 140</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>MATHEMATICS</b>
--------------------

**APPLIED MATHEMATICS III**

Short Name

Course Code

**APPMATHIII**

**110503**

This course includes concepts found in first year geometry with emphasis on exploring basic relationship through informal proofs and making conjectures by utilizing manipulatives, geometry tools and technology, and applying geometry to real world situations throughout the course. Concepts include the study of lines and angles, right triangle relationships, shapes in two and three dimensions, logic, coordinate geometry, transformations and spatial visualization.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

MATHEMATICS

1100

**CALCULUS**

Short Name

Course Code

**CALCULUS**

**110600**

The study of two fundamental limits, called the derivative and the integral, and their evaluation by means of a function of algebra called "the Calculus".

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

MATHEMATICS

1100

**ADVANCED PLACEMENT CALCULUS AB**

Short Name

Course Code

**AP CALC AB**

**110620**

The purpose of this course is to introduce students to the major concepts of Calculus which includes the analysis of graphs, limits of functions, derivatives, and integrals.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: [www.collegeboard.com](http://www.collegeboard.com).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

MATHEMATICS

1100

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 141</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>MATHEMATICS</b>
--------------------

<b>ADVANCED PLACEMENT CALCULUS BC</b>	<u>Short Name</u> <b>AP CALC BC</b>	<u>Course Code</u> <b>110621</b>
---------------------------------------	--	-------------------------------------

This course includes Calculus AB topics with the addition of parametric, polar and vector functions and their derivatives, applications of integrals, polynomial approximations and series.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: [www.collegeboard.com](http://www.collegeboard.com).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100

<b>COLLEGE TECHNICAL MATHEMATICS</b>	<u>Short Name</u> <b>COTECHMATH</b>	<u>Course Code</u> <b>110622</b>
--------------------------------------	--	-------------------------------------

This is a dual-credit course offered by Nebraska Community Colleges for students to develop math sciences required in career/technical fields. This course includes a review of arithmetic operations, exponents, algebraic operations and right triangle trigonometry with emphasis on placed applications.

Recommended Level: Grades 11-12

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100

<b>IB MATHEMATICAL STUDIES-STANDARD LEVEL</b>	<u>Short Name</u> <b>IB MATH</b>	<u>Course Code</u> <b>110623</b>
---	-------------------------------------	-------------------------------------

IB Mathematical Studies-Standard Level focuses on important interconnected mathematical topics. Emphasis is placed on student understanding of fundamental concepts, mathematical reasoning, solving mathematical problems in a wide range of contexts, and using the calculator effectively. Students apply mathematical and statistical techniques. Topics include numbers and algebra; descriptive statistics; logic, sets and probability; statistical application; geometry and trigonometry; mathematical models; and introduction to different calculus. Students will also do an individual project.

International Baccalaureate Organization governs this course from the Diploma Programme. In order to teach IB programmes, the school is an authorized IB World School. <http://www.ibo.org/en/programmes/>

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100

**MATHEMATICS**

**IB MATHEMATICS STANDARD LEVEL**

Short Name

Course Code

**IB MATH SL**

**110624**

IB Mathematics standard level (SL) focuses on introducing important mathematical concepts and the development of mathematical techniques. Introducing these concepts in a comprehensible and coherent way, students apply knowledge to solve realistic problems in context. Topics include algebra; functions and trigonometry; vectors; statistics and probability; and calculus. Students do an individual investigation in an area of mathematics.

International Baccalaureate Organization governs this course from the Diploma Programme. In order to teach IB programmes, the school is an authorized IB World School. <http://www.ibo.org/en/programmes/>

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

MATHEMATICS

1100

**IB FURTHER MATHEMATICS-HIGHER LEVEL**

Short Name

Course Code

**IB MATHFHL**

**110625**

IB Further Mathematics Higher Level allows students, with a strong background in mathematics, to learn about various branches of mathematics in depth and to appreciate practical applications. Most students taking this course will study mathematics at college or as a major component in a related field. Course topics include linear algebra, geometry, statistics and probability, sets, relations and groups, calculus, and discrete mathematics.

International Baccalaureate Organization governs this course from the Diploma Programme. In order to teach IB programmes, the school is an authorized IB World School. <http://www.ibo.org/en/programmes/>

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

MATHEMATICS

1100

**IB MATHEMATICS-HIGHER LEVEL**

Short Name

Course Code

**IB MATH HL**

**110627**

IB Mathematics higher level develops students' insight into mathematical form and structure, and equips them to appreciate the links between concepts in different topic areas. Students are encouraged to develop the skills needed to continue their mathematical growth in other learning environments. The core topics of the class are algebra, functions and equations, circular functions and trigonometry, vectors, statistics and probability, and calculus. Students do an individual investigation in an area of mathematics.

International Baccalaureate Organization governs this course from the Diploma Programme. In order to teach IB programmes, the school is an authorized IB World School. <http://www.ibo.org/en/programmes/>

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

MATHEMATICS

1100

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 143</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>MATHEMATICS</b>
--------------------

**MATHEMATICS, GENERAL**

Short Name

Course Code

**GEN MATH**

**111100**

A course that provides students a comprehensive review of basic mathematical skills. Students have opportunity to apply the math concepts to business, consumer and money management situations.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

**GEOMETRY**

Short Name

Course Code

**GEOMETRY**

**111200**

The branch of mathematics concerned with geometric figures in the plane and in space. Geometry emphasizes the use of logic in establishing proofs.

This code should also be used for geometry courses such as:

- Analytical
- Plane
- Plane and Solid
- Solid

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100

**PRE CALCULUS (INTRODUCTION TO ANALYSIS)**

Short Name

Course Code

**PRE CALC**

**111300**

An integrated body of selected aspects of algebra, trigonometry and analytic geometry.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 144</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>MATHEMATICS</b>
--------------------

**TRIGONOMETRY**

Short Name

Course Code

**TRIG**

**111600**

The study of trigonometric ratios and circular functions.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

MATHEMATICS

1100

**STATISTICS/PROBABILITY**

Short Name

Course Code

**STATISTICS**

**111700**

The study of data analysis involving sampling, organization and interpretation of data. The study of probability through experimental and theoretical approaches.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

MATHEMATICS

1100

**FINITE/DISCRETE MATHEMATICS**

Short Name

Course Code

**FINITE**

**111701**

The topics included in the finite mathematics are linear programming, game theory, Markov processes and probability. The discrete mathematics would include topics like graph and networks, combinations and counting, Boolean algebra, Pascal's triangle, the pigeonhole principle and iterative methods for solving equations.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

MATHEMATICS

1100



<b>MATHEMATICS</b>
--------------------

**ADVANCED PLACEMENT STATISTICS**

Short Name

Course Code

**AP STATS**

**111720**

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes:

- \* Exploring Data: Describing patterns and departures from patterns
- \* Sampling and Experimentation: Planning and conducting a study
- \* Anticipating Patterns: Exploring random phenomena using probability and simulation
- \* Statistical Inference: Estimating population parameters and testing hypotheses

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: [www.collegeboard.com](http://www.collegeboard.com).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

MATHEMATICS

1100

**BUSINESS MATH**

Short Name

Course Code

**BUSNS MATH**

**111800**

This course is designed to prepare students for various life roles by offering multiple opportunities to develop and use mathematical skills. Computational skills are essential for citizens, consumers, wage earners, employers, investors, and entrepreneurs. The objectives of this course are to improve computational skills and apply them to personal business situations. Areas of study include mathematical problems dealing with interest, percentages, loans, installment buying, insurance, savings and investments, depreciation, markup and markdown, payroll, taxes, real estate and retirement.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

MATHEMATICS

1100

MIDDLE GR/MATHEMATICS

1818

**MATHEMATICS-MIDDLE GRADES/JR HIGH I**

Short Name

Course Code

**MATH MG I**

**112800**

This course includes experiences that include practice in numeration, computation, estimation, problem solving, geometry/special concepts and measurement. It introduces algebraic and statistical concepts and provides opportunities for students to develop understanding of the structure of mathematics.

Use this code for the first course in mathematics at the middle grades/junior high level.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

MATHEMATICS

1100

MIDDLE GR/MATHEMATICS

1818

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 146</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>MATHEMATICS</b>
--------------------

**MATHEMATICS-MIDDLE GRADES/JR HIGH II**

<u>Short Name</u>	<u>Course Code</u>
<b>MATH MG II</b>	<b>112801</b>

This course provides experiences that include practice in numeration, computation, estimation, problem solving, geometry/special concepts and measurement. It introduces algebraic and statistical concepts and provides opportunities for students to develop understanding of the structure of mathematics.

Use this code for the second course in mathematics at the middle grades/junior high level.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

**MATHEMATICS-MIDDLE GRADES/JR HIGH III**

<u>Short Name</u>	<u>Course Code</u>
<b>MATH MGIII</b>	<b>112802</b>

This course provides experiences that include practice in numeration, computation, estimation, problem solving, geometry/special concepts and measurement. It introduces algebraic and statistical concepts and provides opportunities for students to develop understanding of the structure of mathematics.

Use this code for the third course in mathematics at the middle grades/junior high level.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

**MATH, OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>MATH OTHER</b>	<b>119930</b>

Mathematics courses not listed or classified under the above codes.

Using codes 119930 through 119934 means you can add five "other" courses by using one code for each one of the five courses.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

<b>MATHEMATICS</b>
--------------------

**MATH, OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>MATH OTHER</b>	<b>119931</b>

Mathematics courses not listed or classified under the above codes.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

**MATH, OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>MATH OTHER</b>	<b>119932</b>

Mathematics courses not listed or classified under the above codes.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

**MATH, OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>MATH OTHER</b>	<b>119933</b>

Mathematics courses not listed or classified under the above codes.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

**MATHEMATICS**

**MATH, OTHER**

Short Name

Course Code

**MATH OTHER**

**119934**

Mathematics courses not listed or classified under the above codes.

*Clearing Endorsement - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

MATHEMATICS

1100

MIDDLE GR/MATHEMATICS

1818

<b>PERSONAL DEVELOPMENT</b>
-----------------------------

**ADOLESCENT DEVELOPMENT**

<u>Short Name</u>	<u>Course Code</u>
<b>ADOLE DEV</b>	<b>260200</b>

A course which focuses on helping adolescents better understand the aspects (social, emotional, physical, intellectual) of their own developmental stage. Topics such as self-concept; building self-esteem, establishing and maintaining positive relationships and communications with peers and adults; and assuming responsibility and independence would be included. The Skills for Adolescence/Quest program is one example of this course. If the course is focused more specifically towards the disciplines of family and consumer sciences, health, or social science, it should be included in the other category for that discipline.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
Other Endorsement	8888

**STUDY SKILLS**

<u>Short Name</u>	<u>Course Code</u>
<b>STUDYSKILL</b>	<b>260300</b>

Learning experiences which develop skills necessary to locate, interpret, understand and use information. Topics included are such reading skills as surveying, skimming, scanning and SQ3R. Additionally, alphabetizing, summarizing, paraphrasing, outlining, note-taking and test-taking skills may be included, as may library, research, and time management skills.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
Other Endorsement	8888

**LIBRARY MEDIA SKILLS**

<u>Short Name</u>	<u>Course Code</u>
<b>LIBR SKILL</b>	<b>260400</b>

Course designed to provide students with information and basic skills in using the resources of library media centers to locate, evaluate, and retrieve information. May include instruction in safe, efficient, and proper use of the Internet.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SCHOOL LIBRARIAN	2508

<b>PERSONAL HEALTH &amp; PHYSICAL FITNESS</b>
---

**HEALTH I**

Short Name

Course Code

**HEALTH I**

**080100**

Learning activities concerning health to achieve desirable knowledge, understanding, attitudes and practices related to personal, family and community health issues.

This code should also be used for such courses as:

- First Aid
- HIV/AIDS Education
- Drug Education
- Other Health

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

**HEALTH II**

Short Name

Course Code

**HEALTH II**

**080101**

An advanced course with current health trends and issues as its central focus, with direction to:

- a) Consumer Health/Protection
- b) Family Life Education
- c) Health Planning
- d) Health Careers
- e) Health Services

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801

<b>PERSONAL HEALTH &amp; PHYSICAL FITNESS</b>
---

<b>HEALTH, SPECIALIZED</b>	<u>Short Name</u> <b>HEALTHSPEC</b>	<u>Course Code</u> <b>080105</b>
----------------------------	--	-------------------------------------

A specialized course with healthful living as its central focus primarily directed to:

- a) a safe and healthful school environment
- b) world health issues past, present, future
- c) the role of nutrition, exercise, and stress management to total physical well being.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
MIDDLE GR/HEALTH & PE	1815

<b>FAMILY HEALTH</b>	<u>Short Name</u> <b>FAM HEALTH</b>	<u>Course Code</u> <b>080106</b>
----------------------	--	-------------------------------------

Instruction related to establishing and maintaining a lifestyle which promotes personal fitness, family health and related consumer skills. May include an examination of all aspects of health (physical, social, emotional and mental), nutrition and fitness (including weight control), substance use and abuse, home safety, and family life education (including death and dying).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
MIDDLE GR/FAMILY & CONSUMER	1813
MIDDLE GR/HEALTH & PE	1815

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 152</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

**PERSONAL HEALTH & PHYSICAL FITNESS**

**FOUNDATIONS FOR PHYSICAL EDUCATION AND FITNESS**

Short Name

Course Code

**PE HS**

**080107**

This course will introduce students to the foundations of physical fitness and equip them with the knowledge and skills necessary to design a fitness program. This includes: (1) assessing their personal fitness levels; (2) creating a plan for improvement; (3) setting physical activity and fitness goals; (4) participating in a variety of physical activities (e.g. weight training, aerobics, individual and team sports, and swimming); and (5) using current technology, (e.g. activity trackers, heart rate monitors, pedometers, and computerized fitness assessment programs).

This course is recommended in grades 9 and 10 as a prerequisite for all other physical education courses.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

**BEGINNING SWIMMING**

Short Name

Course Code

**BEG SWIM**

**080108**

This course is designed for the beginner/non-swimmer and includes survival skills, basic drown proofing techniques, stroke introduction, and aquatic activities.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802



<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 153</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>PERSONAL HEALTH &amp; PHYSICAL FITNESS</b>
---

<b>INTERMEDIATE SWIMMING</b>	<u>Short Name</u> <b>INT SWIM</b>	<u>Course Code</u> <b>080109</b>
------------------------------	--------------------------------------	-------------------------------------

This course is designed for the intermediate swimmer and includes basic swimming strokes, water safety skills, and other aquatic activities.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

<b>FITNESS SWIMMING &amp; AQUATIC ACTIVITIES</b>	<u>Short Name</u> <b>AD AQUATIC</b>	<u>Course Code</u> <b>080110</b>
--	--	-------------------------------------

This course is designed for the advanced swimmer and includes the benefits of fitness swimming and its impact on lifetime health. Students will learn advanced techniques and fitness concepts to integrate into individualized aquatic fitness programs.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
PHYSICAL EDUCATION	0802

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 154</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>PERSONAL HEALTH &amp; PHYSICAL FITNESS</b>
---

**INTRODUCTION TO STRENGTH & CONDITIONING**

Short Name

Course Code

**INTRO S&C**

**080111**

This course is designed for the beginning weight training student and focuses on the development of knowledge and skills utilizing free weights or resistance machines. It includes proper lifting techniques, spotting methods, weight room safety, and workout routines.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

**INTERMEDIATE STRENGTH & CONDITIONING**

Short Name

Course Code

**INTER S&C**

**080112**

This course is designed for the intermediate weight training student. It builds on Introduction to Strength and Conditioning by applying basic strength principles and concepts of proper lifting techniques, spotting methods, weight room safety, and workout routines to the intermediate weight training student. The principles of training (progression, overload, specificity, regularity and individuality) are incorporated into this course.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 155</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>PERSONAL HEALTH &amp; PHYSICAL FITNESS</b>
---

**ADVANCED STRENGTH & CONDITIONING**

Short Name

Course Code

**ADV S&C**

**080113**

This course is designed for the advanced weight training student. It includes advanced lifting techniques and conditioning programs that students will design and integrate into their own individualized strength programs.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

**AEROBIC TRAINING**

Short Name

Course Code

**AEROBIC**

**080114**

This course is designed to introduce students to the skills necessary to perform cardiovascular activities, flexibility and muscular endurance exercises. Students will participate in a wide variety of aerobic activities including (but not limited to) resistance training, cross fit exercises, low-impact aerobic training, and flexibility exercises and activities.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 156</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>PERSONAL HEALTH &amp; PHYSICAL FITNESS</b>
---

**ADVANCED AEROBIC TRAINING**

Short Name

Course Code

**AD AEROBIC**

**080115**

This course is designed to build on Aerobic Training. Students will participate in a wide variety of aerobic activities and resistance training activities while developing an understanding of the variance between high impact and low impact exercises.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

**INTRODUCTION TO DANCE**

Short Name

Course Code

**INTRODANCE**

**080116**

This course is designed to provide students opportunities to develop skills and knowledge in a variety of dance forms. Students will participate in dance-related activities as ways to learn about and through dance.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

**PERSONAL HEALTH & PHYSICAL FITNESS****HIP-HOP DANCE**Short Name**HH DANCE**Course Code**080117**

This course is designed to provide students opportunities to develop skills and knowledge in hip-hop dance. Students will participate in a variety of dance styles, including breaking, locking, and popping, performed to hip-hop music.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

**BALLROOM DANCE**Short Name**BALLROOM**Course Code**080118**

This course is designed to provide students opportunities to develop skills and knowledge in ballroom dance. Students will participate in social dances performed in more formal settings.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

## PERSONAL HEALTH &amp; PHYSICAL FITNESS

## DANCE PERFORMANCE

Short NameCourse Code

DANCE PERF

080119

This course is designed to provide students opportunities to develop skills and knowledge in dance choreography. Students will learn combinations to improve their strength and body awareness, while focusing greater attention toward accuracy and timing of steps.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

## LIFETIME ACTIVITIES

Short NameCourse Code

LIFE ACTIV

080120

This course includes basic skills, knowledge and strategies of lifetime activities that contribute to a healthy, active adult lifestyle. Students will participate in a variety of lone, duo, and group lifetime activities.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

<b>PERSONAL HEALTH &amp; PHYSICAL FITNESS</b>
---

**TEAM GAMES**

<u>Short Name</u>	<u>Course Code</u>
<b>TEAM GAMES</b>	<b>080121</b>

This course is designed to teach a variety of rules, skills, fundamentals, and strategies in multiple team activities. The content will promote a healthy, active lifestyle while emphasizing safety, sportsmanship, and teamwork.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

**OUTDOOR PURSUITS**

<u>Short Name</u>	<u>Course Code</u>
<b>OUTDOOR</b>	<b>080122</b>

This course will provide knowledge and skills in a variety of outdoor activities. The content is designed to promote a healthy, active lifestyle in the outdoors while emphasizing safety techniques, teamwork, communication skills, problem-solving skills, physical challenge, and adventure.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 160</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>PERSONAL HEALTH &amp; PHYSICAL FITNESS</b>
---

<b>LIFEGUARD TRAINING &amp; WATER SAFETY INSTRUCTION AIDE</b>	<u>Short Name</u> <b>LIFEGUARD</b>	<u>Course Code</u> <b>080123</b>
---	---------------------------------------	-------------------------------------

This course is based on American Red Cross Lifeguarding requirements. Provides entry-level participants the knowledge and skills to prevent, recognize and respond to aquatic emergencies and to provide care for breathing and cardiac emergencies, injuries and sudden illnesses until EMS personnel take over.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

<b>SPORT OFFICIATING</b>	<u>Short Name</u> <b>SPORT OFF</b>	<u>Course Code</u> <b>080124</b>
--------------------------	---------------------------------------	-------------------------------------

This course is designed to offer students the coursework and experience to officiate in a variety of major sports including, but not limited to, basketball, football, volleyball, baseball/softball, and soccer.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802



<b>PERSONAL HEALTH &amp; PHYSICAL FITNESS</b>
---

**PHYSICAL EDUCATION ELEMENTARY**

Short Name

Course Code

**PE ELEM**

**080125**

This course is designed to provide students with opportunities to demonstrate competence in fundamental motor skills and selected combinations of skills; use basic movement concepts in rhythmic activities, tumbling and small-sided practice tasks; identify basic health-related fitness concepts; exhibit acceptance of self and others in physical activities; and identify the benefits of a physically active lifestyle.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

**PHYSICAL EDUCATION MIDDLE SCHOOL**

Short Name

Course Code

**PE MS**

**080126**

This course is designed to provide students with opportunities to apply tactics and strategies to modified game play, demonstrate fundamental motor skills in a variety of contexts, design and implement a health-enhancing fitness program, participate in self-selected physical activity, cooperate with and encourage classmates, accept individual differences and demonstrate inclusive behaviors, and engage in physical activity for enjoyment and self-expression.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

<b>PERSONAL HEALTH &amp; PHYSICAL FITNESS</b>
---

**ADAPTIVE PHYSICAL EDUCATION**

<u>Short Name</u>	<u>Course Code</u>
<b>PHYSED AD</b>	<b>080127</b>

Adapted physical education is for individuals with exceptional needs who require development or corrective instruction and who are precluded from participation in the activities of the general physical education program. The program is based on comprehensive assessments and is focused on providing the learner with the skills necessary for a lifetime of rich leisure, recreation, dance, and sport experiences to enhance physical fitness and wellness.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ADAPTED PHYS ED	0805
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

**PHYSICAL EDUCATION, OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>PHYSED OTH</b>	<b>089930</b>

A specialized course which focuses on a specific set of skills such as:  
Scuba Diving, Ballet, Trap Shooting, Taekwondo

Using codes 089930 through 089932 means you can add three "other" courses by using one code for each one of the three courses.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

<b>PERSONAL HEALTH &amp; PHYSICAL FITNESS</b>
---

**PHYSICAL EDUCATION, OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>PHYSED OTH</b>	<b>089931</b>

A specialized course which focuses on a specific set of skills such as:  
Scuba Diving, Ballet, Trap Shooting, Taekwondo

Using codes 089930 through 089932 means you can add three "other" courses by using one code for each one of the three courses.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

**PHYSICAL EDUCATION, OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>PHYSED OTH</b>	<b>089932</b>

A specialized course which focuses on a specific set of skills such as:  
Scuba Diving, Ballet, Trap Shooting, Taekwondo

Using codes 089930 through 089932 means you can add three "other" courses by using one code for each one of the three courses.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 164</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>SCIENCE</b>
----------------

**BIOLOGY**

Short Name

Course Code

**BIOLOGY**

**130201**

The study of the cell, molecular basis of heredity, biological evolution, interdependence of organisms, matter, energy and organization in living systems, and behavior of organisms. Students should develop the ability to think and act in ways associated with scientific inquiry.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
MIDDLE GR/NATURAL SCIENCES	1819
SCIENCE	1301

**BIOLOGY-ADVANCED STUDIES**

Short Name

Course Code

**BIOLOGYADV**

**130202**

A continuation of the topics and concepts of Biology, with Biology as a prerequisite. Topics that may be explored include cell organization, function, and reproduction; energy transformation; human anatomy and physiology; and the evolution and adaptation of organisms. Students should develop the ability to think and act in ways associated with scientific inquiry.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
SCIENCE	1301

**ANATOMY and PHYSIOLOGY**

Short Name

Course Code

**ANAT/PHYS**

**130210**

The branch of Biology that relates to the structure and relationship between body parts and the relationship between the function of body parts and the body as a whole.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
SCIENCE	1301

**SCIENCE**

**IB BIOLOGY**

Short Name

Course Code

**IB BIOLOGY**

**130211**

IB Biology courses prepare students to take the International Baccalaureate Biology exams at either the Subsidiary or Higher level. In keeping with the general aim of IB Experimental Sciences courses, IB Biology promotes understanding of the facts, principles, and concepts underlying the biological field; critical analysis, evaluation, and generation of scientific information and hypotheses; improved ability to communicate scientific ideas; and an awareness of the impact of biology and scientific advances in biology upon both society and issues of ethical, philosophical, and political importance. Course content varies, but includes study of living organisms from the cellular level through functioning entities within the biosphere. Laboratory experimentation is an essential component of these courses.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
SCIENCE	1301

**BOTANY**

Short Name

Course Code

**BOTANY**

**130212**

Botany courses provide students with an understanding of plants and their relationship to the environment. Topics of exploration may include: life cycles, taxonomy, plant genetics, plant physiology, and ecology.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
SCIENCE	1301

**GENETICS**

Short Name

Course Code

**GENETICS**

**130213**

Courses in genetics provide students with an understanding of general concepts concerning genes, heredity, and variation of organisms. Course topics typically include chromosomes, the structure of DNA and RNA molecules, and dominant and recessive inheritance. Additional topics may include: lethal alleles, epistasis and hypostasis, and polygenic inheritance.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
SCIENCE	1301

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 166</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>SCIENCE</b>
----------------

**MICROBIOLOGY**

Short Name

Course Code

**MICRO BIOL**

**130214**

Microbiology courses provide students with a general understanding of microbes, prokaryotic, and eukaryotic cells. Topics of exploration may include classification of microorganisms; cellular structure and function; metabolic diversity; microbial genetics; control of microbial growth; microbial ecology, biotechnology and applied microbiology; and host-microbe interactions. Additional topics may include the impact microorganisms have on health, agriculture, biotechnology and the environment.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
SCIENCE	1301

**ZOOLOGY**

Short Name

Course Code

**ZOOLOGY**

**130215**

Zoology courses provide students with an understanding of animals, the niche they occupy in their environment or habitat, their life cycles, and their evolutionary relationships to other organisms. These courses should also help students develop an awareness and understanding of biotic communities.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
SCIENCE	1301

**CONCEPTUAL BIOLOGY**

Short Name

Course Code

**CNCPT BIOL**

**130216**

These courses provide students with a basic understanding of living things. Topics covered may include ecology and environmental problems such as overpopulation and pollution as well as cells, types of organisms, evolutionary behavior, and inheritance.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
MIDDLE GR/NATURAL SCIENCES	1819
SCIENCE	1301

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 167</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>SCIENCE</b>
----------------

**PARTICULAR TOPICS IN BIOLOGY**

<u>Short Name</u>	<u>Course Code</u>
<b>TOPIC BIOL</b>	<b>130217</b>

Particular Topics in Biology courses concentrate on a particular subtopic within the field of biology (such as virology, cell biology, human genetics, and so on) that is not otherwise described within this classification system.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
SCIENCE	1301

**BIOLOGY - OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>BIOL OTHER</b>	<b>130218</b>

Biology courses not otherwise listed or classified.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
SCIENCE	1301

## SCIENCE

## PHYSICAL SCIENCE

Short NameCourse Code

PHYSIC SCI

130300

Study of the major topics, concepts, processes and interrelationship of basic chemistry and physics. Students should develop the ability to think and act in ways associated with scientific inquiry.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
MIDDLE GR/NATURAL SCIENCES	1819
PHYSICS	1308
SCIENCE	1301

## CHEMISTRY

Short NameCourse Code

CHEM

130301

The study of the structure of atoms, structure and properties of matter, and chemical reactions. Student should develop the ability to think and act in ways associated with scientific inquiry.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
CHEMISTRY	1307
SCIENCE	1301



<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 169</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>SCIENCE</b>
----------------

**CHEMISTRY-ADVANCED STUDIES**

Short Name

Course Code

**CHEM ADV**

**130302**

A continuation of topics covered in Chemistry, with Chemistry as a prerequisite. Topics explored may include: organic chemistry, thermodynamics, electrochemistry, macromolecules, kinetic theory, and nuclear chemistry. Students should develop the ability to think and act in ways associated with scientific inquiry.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
CHEMISTRY	1307
SCIENCE	1301

**PHYSICS**

Short Name

Course Code

**PHYSICS**

**130303**

The study of motions and forces, conservation of energy and increase in disorder, and interactions of energy and matter. Students should develop the ability to think and act in ways associated with scientific inquiry.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
PHYSICS	1308
SCIENCE	1301

**PRINCIPLES OF TECHNOLOGY I (SCIENCE)**

Short Name

Course Code

**PRTEC SCI**

**130304**

Principles of Technology (Science) is an applied physics course designed to prepare students more effectively for technical careers. This course includes instruction and application of principles of physics such as force transformers, power, energy, resistance, rate, work, force, momentum, waves and vibrations, energy convertors, transducers, radiating optical systems, and time certificate with clear constants. Application of the principles is conducted in a laboratory setting which demonstrates the use of these principles by workers in technical occupations.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
PHYSICS	1308
SCIENCE	1301

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 170</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>SCIENCE</b>
----------------

<b>PRINCIPLES OF TECHNOLOGY II (SCIENCE)</b>	<u>Short Name</u> <b>PRTEC SCII</b>	<u>Course Code</u> <b>130306</b>
--	--	-------------------------------------

A continuation of the topics and concepts in Principles of Technology I, with Principles of Technology I as a prerequisite.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
PHYSICS	1308
SCIENCE	1301

<b>PHYSICS-ADVANCED STUDIES</b>	<u>Short Name</u> <b>PHYS ADV</b>	<u>Course Code</u> <b>130307</b>
---------------------------------	--------------------------------------	-------------------------------------

Usually taken after a comprehensive initial study of physics, Physics-Advanced Studies courses provide instruction in laws of conservation, thermodynamics, and kinetics; wave and particle phenomena; electromagnetic fields; and fluid dynamics.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
PHYSICS	1308
SCIENCE	1301

<b>IB CHEMISTRY</b>	<u>Short Name</u> <b>IB CHEM</b>	<u>Course Code</u> <b>130308</b>
---------------------	-------------------------------------	-------------------------------------

IB Chemistry courses prepare students to take the International Baccalaureate Chemistry exams at either the Subsidiary or Higher level. In keeping with the general aim of IB Experimental Sciences courses, IB Chemistry promotes understanding of the facts, patterns, and principles underlying the field of chemistry; critical analysis, evaluation, prediction, and generation of scientific information and hypotheses; improved ability to communicate scientific ideas; and an awareness of the impact of chemistry and scientific advances in chemistry upon both society and issues of ethical, philosophical, and political importance. Course content varies, but includes the study of the materials of the environment, their properties, and their interaction. Laboratory experimentation is an essential part of these courses.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
CHEMISTRY	1307
SCIENCE	1301

**SCIENCE****CONCEPTUAL CHEMISTRY**Short Name  
**CNCPT CHEM**Course Code  
**130309**

Conceptual Chemistry courses are practical, non-quantitative chemistry courses designed for students who desire an understanding of chemical concepts and applications.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
CHEMISTRY	1307
MIDDLE GR/NATURAL SCIENCES	1819
SCIENCE	1301

**PARTICULAR TOPICS IN CHEMISTRY**Short Name  
**PTOP CHEM**Course Code  
**130310**

Particular Topics in Chemistry courses concentrate on a particular subtopic within the field of chemistry (such as chromatography and spectrometry) that is not otherwise described in this classification system.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
CHEMISTRY	1307
SCIENCE	1301

**CHEMISTRY - OTHER**Short Name  
**CHEM OTHER**Course Code  
**130311**

Chemistry courses not otherwise listed or classifiable.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
CHEMISTRY	1307
SCIENCE	1301

<b>SCIENCE</b>
----------------

**ASTRONOMY**

Short Name

Course Code

**ASTRON**

**130312**

Astronomy courses introduce students to the basic laws of motion and gravity, the concepts of modern astronomy, and the methods scientists use to explore the universe. Additional topics of exploration may include: the solar system, the sun and stars, the Milky Way and other galaxies, and origins of the universe.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARTH AND SPACE SCIENCE	1305
SCIENCE	1301

**EARTH AND SPACE SCIENCE**

Short Name

Course Code

**ES SCIENCE**

**130313**

Earth and Space Science courses introduce student to the study of the earth from a local and global perspective. Common topics of exploration include: time zones, latitude and longitude, atmosphere, geosphere, weather, climate, and matter and energy transfer.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARTH AND SPACE SCIENCE	1305
SCIENCE	1301

**PARTICULAR TOPICS IN EARTH SCIENCE**

Short Name

Course Code

**PTOP ESCI**

**130314**

Particular Topics in Earth Science courses concentrate on a particular subtopic within the field of earth science (such as meteorology, natural disasters, physical geology, and others) that is not otherwise described in this course code system.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARTH AND SPACE SCIENCE	1305
SCIENCE	1301

<b>SCIENCE</b>
----------------

**EARTH SCIENCE - OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>ESCI OTHER</b>	<b>130315</b>

Earth Science courses not otherwise listed or classified.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARTH AND SPACE SCIENCE	1305
SCIENCE	1301

**MARINE SCIENCE**

<u>Short Name</u>	<u>Course Code</u>
<b>MARINE SCI</b>	<b>130316</b>

Marine Science courses focus on the content, features, and possibilities of the earth's oceans. They explore marine organisms, conditions, and ecology. Additional topics may include: marine mining, farming, and exploration.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
EARTH AND SPACE SCIENCE	1305
SCIENCE	1301

<b>SCIENCE</b>
----------------

**FORENSIC SCIENCE**

<u>Short Name</u>	<u>Course Code</u>
<b>FORENSIC</b>	<b>130317</b>

Forensic Science courses incorporate Biology, Chemistry, Physics, Earth Science disciplines and the process of science to the study of crimes. Topics of exploration may include: processing a crime scene, collecting and preserving evidence, physical evidence, organic and inorganic analysis of evidence, trace evidence, toxicology, arson and explosion investigations, serology, DNA, fingerprints, firearms, and document analysis.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
PHYSICS	1308
SCIENCE	1301

**GEOSCIENCE**

<u>Short Name</u>	<u>Course Code</u>
<b>GEO SCI</b>	<b>130415</b>

The study of energy in the earth systems, geochemical cycles, and origin and evolution of the earth system and universe. Students should develop the ability to think and act in ways associated with scientific inquiry.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARTH AND SPACE SCIENCE	1305
MIDDLE GR/NATURAL SCIENCES	1819
SCIENCE	1301

**SCIENCE**

**IB PHYSICS**

Short Name

Course Code

**IB PHYSICS**

**130416**

IB Physics courses prepare students to take the International Baccalaureate Physics exams at either the Subsidiary or Higher level. In keeping with the general aim of IB Experimental Sciences courses, IB Physics promotes understanding of the facts, patterns, and principles underlying the field of physics; critical analysis, prediction, and application of scientific information and hypotheses; improved ability to communicate scientific ideas; and an awareness of the impact of scientific advances in physics upon both society and issues of ethical, philosophical, and political importance. Course content varies, but includes the study of the fundamental laws of nature and the interaction between concepts of matter, fields, waves, and energy. Laboratory experimentation is essential; calculus may be used in some courses.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
PHYSICS	1308
SCIENCE	1301

**CONCEPTUAL PHYSICS**

Short Name

Course Code

**CNCPT PHYS**

**130417**

Conceptual Physics courses introduce students to the use of chemicals, characteristic properties of materials, and simple mechanics to better describe the world and nonliving matter. The courses emphasize precise measurements and descriptive analysis of experimental results. Topics covered may include energy and motion, electricity, magnetism, heat, the structure of matter, and how matter reacts to materials and forces.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MIDDLE GR/NATURAL SCIENCES	1819
PHYSICS	1308
SCIENCE	1301

**PARTICULAR TOPICS IN PHYSICS**

Short Name

Course Code

**PTOPIC PHY**

**130418**

Particular Topics in Physics courses concentrate on a particular subtopic within the field of physics (such as optics, thermodynamics, quantum physics, and so on) that is not otherwise described in this course code system.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
PHYSICS	1308
SCIENCE	1301

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 176</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>SCIENCE</b>
----------------

**PHYSICS - OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>PHYS OTHER</b>	<b>130419</b>

Physic courses not otherwise listed or classified.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
PHYSICS	1308
SCIENCE	1301

**PHYSICAL SCIENCE - INTEGRATED**

<u>Short Name</u>	<u>Course Code</u>
<b>PSCI INTEG</b>	<b>130420</b>

The content of Integrated Science--Physical Science allows students to continue to develop their understanding of the core ideas in the physical, life, and earth and space sciences learned in middle school. These ideas include the most fundamental concepts from chemistry, physics, biology, and Earth and space science and are intended to leave room for expanded study in upper-level high school courses.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
MIDDLE GR/NATURAL SCIENCES	1819
PHYSICS	1308
SCIENCE	1301



**SCIENCE**

**APPLIED BIOLOGY/CHEMISTRY**

Short Name

Course Code

**APPL BCHEM**

**130421**

Applied Biology/Chemistry courses integrate biology and chemistry into a unified domain of study and present the resulting body of knowledge in the context of work, home, society, and the environment, emphasizing field and laboratory activities. Topics include natural resources, water, air and other gases, nutrition, disease and wellness, plant growth and reproduction, life processes, microorganisms, synthetic materials, waste and waste management, and the community of life.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
CHEMISTRY	1307
MIDDLE GR/NATURAL SCIENCES	1819
SCIENCE	1301

**BIOLOGY - INTEGRATED**

Short Name

Course Code

**BIO INTEG**

**130422**

The content of Integrated Science--Biology allows students to continue to develop their understanding of the core ideas in the physical, life, and earth and space sciences with a focus on biology and closely related Earth science concepts. The content is intended to leave room for expanded study in upper-level high school courses.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
PHYSICS	1308
SCIENCE	1301

**SCIENCE****CHEMISTRY - INTEGRATED**Short Name  
**CHEM INTEG**Course Code  
**130423**

The content of Integrated Science--Chemistry allows students to fully develop their understanding of the core ideas in the physical, life, and Earth and space sciences. These ideas include the more complex concepts from chemistry, physics, biology, and Earth and space science but are intended to leave room for expanded study in advanced high school courses.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
PHYSICS	1308
SCIENCE	1301

**INDEPENDENT STUDY**Short Name  
**IND STUDY**Course Code  
**130424**

Independent Study courses, often conducted with instructors as mentors, enable students to explore scientific topics of interest, using advanced methods of scientific inquiry and experimentation. These courses may be offered in conjunction with other rigorous science courses or may serve as an opportunity for students to explore a topic of special interest.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
PHYSICS	1308
SCIENCE	1301

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 179</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>SCIENCE</b>
----------------

**SCIENCE-MIDDLE GRADES/JR HIGH I**

Short Name

Course Code

**SCI MG I**

**130801**

The study of topics from the biological, physical, and earth sciences. Learning experiences involve students in observing, exploring, discovering and experimenting for purposes of achieving understanding of how scientists work and what they know about the universe.

Use this code for the first course in science at the middle grades/junior high level.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
MIDDLE GR/NATURAL SCIENCES	1819
PHYSICS	1308
SCIENCE	1301

**SCIENCE-MIDDLE GRADES/JR HIGH II**

Short Name

Course Code

**SCI MG II**

**130802**

The study of topics from the biological, physical, and earth sciences. Learning experiences involve students in observing, exploring, discovering and experimenting for purposes of achieving understanding of how scientists work and what they know about the universe.

Use this code for the second course in science at the middle grades/junior high level.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
MIDDLE GR/NATURAL SCIENCES	1819
PHYSICS	1308
SCIENCE	1301

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 180</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>SCIENCE</b>
----------------

**SCIENCE-MIDDLE GRADES/JR HIGH III**

Short Name

Course Code

**SCI MG III**

**130803**

The study of topics from the biological, physical, and earth sciences. Learning experiences involve students in observing, exploring, discovering and experimenting for purposes of achieving understanding of how scientists work and what they know about the universe.

Use this code for the third course in science at the middle grades/junior high level.

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
MIDDLE GR/NATURAL SCIENCES	1819
PHYSICS	1308
SCIENCE	1301

**ADVANCED PLACEMENT BIOLOGY**

Short Name

Course Code

**AP BIOLOGY**

**135000**

The AP Biology course is designed to be the equivalent of a two-semester college introductory biology course usually taken by biology majors during their first year. AP Biology should include those topics regularly covered in a college biology course for majors. The college course in biology differs significantly from the usual first high school course in biology with respect to the kind of textbook used, the range and depth of topics covered, the type of laboratory work done by students, and the time and effort required of students. The textbooks used for AP Biology should be those used by the college biology majors. The kinds of labs done by AP students must be the equivalent of those done by college students. It aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: [www.collegeboard.com](http://www.collegeboard.com).

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
SCIENCE	1301

**SCIENCE**

**ADVANCED PLACEMENT CHEMISTRY**

Short Name

Course Code

**AP CHEM**

**135010**

The AP Chemistry course should be the equivalent of the general chemistry course usually taken during the first college year. Students should attain understanding of fundamentals and a reasonable competence in dealing with chemical problems. The course should develop the students' abilities to think clearly and express their ideas, orally & in writing, with clarity & logic. The college course in general chemistry differs qualitatively from the usual first secondary school course in chemistry with respect to the kind of textbook used, the topics covered, the emphasis on chemical calculations and the mathematical formulation of principles, and the kind of lab work done. Quantitative differences appear in the number of topics treated, the time spent on the course, and the nature and the variety of experiments done in the lab. Secondary schools that wish to offer an AP Chemistry course must be prepared to provide a lab experience equivalent to a typical college course.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: [www.collegeboard.com](http://www.collegeboard.com).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
CHEMISTRY	1307
SCIENCE	1301

**ADVANCED PLACEMENT PHYSICS 1: ALGEBRA-BASED**

Short Name

Course Code

**APPHYSICS1**

**135021**

This course is an introductory college level, algebra-based, physics course and provides the foundation for future coursework in physics. Subjects such as Newtonian mechanics, (including rotational motion); work, energy and power; and other areas are covered. Instruction is based upon the Six Big Ideas, which encompass core scientific principles, theories, and processes that cut across traditional boundaries. Twenty five percent of the instructional time is spent in a lab doing inquiry based investigations.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on the website: [www.collegeboard.com](http://www.collegeboard.com).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SCIENCE	1301

**ADVANCED PLACEMENT PHYSICS 2: ALGEBRA-BASED**

Short Name

Course Code

**APPHYSICS2**

**135022**

This college level course explores additional upper level topics in physics, through inquiry based learning. The topics include but are not limited to fluid statics and dynamics; thermodynamics with kinetic theory, PV diagrams and probability; electrostatics; electric circuits with capacitors; magnetic fields; electromagnetism; quantum, atomic and nuclear physics. Twenty five percent of the instructional time is based in a lab with an emphasis on inquiry based investigations.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on the website: [www.collegeboard.com](http://www.collegeboard.com).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SCIENCE	1301

**SCIENCE**

**ADVANCED PLACEMENT PHYSICS C: ELECTRICITY AND  
MAGNETISM**

Short Name  
**APPHYSICEM**

Course Code  
**135023**

Physics C courses compare to a second-year physics courses in college, and have laboratory experiences roughly equivalent to an introductory college course. Guided inquiry and student-centered learning foster the development of critical thinking skills. This course uses introductory differential and integral calculus throughout. Physics C: Electricity and Magnetism provides instruction in the following content: electrostatics; conductors, capacitors, dielectrics; electric circuits; magnetic fields; and electromagnetism.

AP College Board governs this course, and individual teachers submit their syllabus and course materials for approval from College Board prior to offering the course. Topic definitions are on College Board's website: [www.collegeboard.com](http://www.collegeboard.com)

Student may obtain college credit by sending their AP® transcript to the credit awarding institution. Each institution has their own credit policies.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
PHYSICS	1308
SCIENCE	1301

**ADVANCED PLACEMENT PHYSICS C: MECHANICS**

Short Name  
**AP PHYMECH**

Course Code  
**135024**

AP Physics C course is comparable to a second-year physics course and must have laboratory experiences roughly equivalent to an introductory college course. Guided inquiry and student-centered learning foster the development of critical thinking skills. This course uses introductory differential and integral calculus throughout. Physics C: Mechanics provides instruction in the following six content areas: kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation.

AP College Board governs this course and individual teachers submit their syllabus and course materials for approval from College Board prior to offering the course. Topics definitions are on College Board's website: [www.collegeboard.com](http://www.collegeboard.com)

Student may obtain college credit by sending their AP® transcript to the credit awarding institution. Each institution has their own credit policies.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
PHYSICS	1308
SCIENCE	1301

**METEOROLOGY**

Short Name  
**METEOR**

Course Code  
**135025**

Meteorology courses examine the properties of the earth's atmosphere. Topics usually include atmospheric layering, changing pressures, winds, water vapor, air masses, fronts, temperature changes and weather forecasting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARTH AND SPACE SCIENCE	1305
SCIENCE	1301

**SCIENCE**

**SCIENCE, OTHER**

Short Name

Course Code

**SCI OTHER**

**139930**

Science courses not otherwise listed or classifiable.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
MIDDLE GR/NATURAL SCIENCES	1819
PHYSICS	1308
SCIENCE	1301

<b>SKILLED AND TECHNICAL SCIENCES</b>
---------------------------------------

**INTRODUCTION TO SKILLED AND TECHNICAL SCIENCES**

<u>Short Name</u>	<u>Course Code</u>
<b>INTROSTS</b>	<b>100100</b>

This course provides the skills and technical knowledge for a beginning student in areas of industry, safety, material, equipment and process understanding. The student will develop awareness of the basics in the skilled and technical sciences areas.

Recommended Level: Grades 9-12

Career Cluster: Architecture and Construction, Energy and Engineering, Manufacturing, and Transportation, Distribution and Logistics

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**CONSTRUCTION TRADES 1**

<u>Short Name</u>	<u>Course Code</u>
<b>CONSTR 1</b>	<b>100110</b>

This course provides an overview of the construction materials, tools and processes.

Recommended Level: Grades 9-12

Career Cluster: Architecture and Construction

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**CONSTRUCTION TRADES 2**

<u>Short Name</u>	<u>Course Code</u>
<b>CONSTR 2</b>	<b>100120</b>

This course is designed for the student pursuing a career as a construction professional and combines technical skills with planning and management to prepare the student for all stages of a project.

Recommended Level: Grades 11-12

Career Cluster: Architecture and Construction

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700



<b>SKILLED AND TECHNICAL SCIENCES</b>
---------------------------------------

**DRAFTING AND DESIGN**

<u>Short Name</u>	<u>Course Code</u>
<b>DRFT DSGN</b>	<b>100130</b>

This course builds the skills necessary to understand what is being communicated through drawings and documents, and in turn, convey ideas, duties, and tasks to others in a form representing the industry. Students will use and follow industry specific verbal and visual skills to accomplish workplace/jobsite communications. Students will review traditional project phases and various roles within them to plan for and implement phases within a project. Students will develop preliminary drawings that will be used in design and manufacturing. Computer-aided drafting/design (CADD) may be used.

Recommended Level: Grades 9-12

Career Cluster: Manufacturing

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**ARCHITECTURAL DESIGN 1**

<u>Short Name</u>	<u>Course Code</u>
<b>ARCHDSGN 1</b>	<b>100140</b>

This course provides students with an introduction into Computer-Aided-Drafting (CAD) and the foundation for architectural design.

Recommended Level: Grades 9-12

Career Cluster: Architecture and Construction

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**ARCHITECTURAL DESIGN 2**

<u>Short Name</u>	<u>Course Code</u>
<b>ARCHDSGN 2</b>	<b>100141</b>

This course allows students to create working drawings for residential construction and systems that meet industry standards and codes.

Recommended Level: Grades 11-12

Career Cluster: Architecture and Construction

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 186</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>SKILLED AND TECHNICAL SCIENCES</b>
---------------------------------------

**PLTW PRINCIPLES OF ENGINEERING**

Short Name

Course Code

**PLTW P/ENG**

**100160**

Principles of Engineering (POE) is a Project Lead The Way survey course of engineering. The course exposes students to some of the major concepts that they will encounter in a postsecondary engineering course of study. Students have the opportunity to investigate engineering and high tech career. POE gives students the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based (APPB) learning.

Teacher/Instructor is required to complete PLTW teacher professional development in order to teach this course.

Recommended Level: Grades 9-12

Career Cluster: Energy and Engineering (CEENEG)

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
PHYSICS	1308
SCIENCE	1301
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**PLTW INTRODUCTION TO ENGINEERING DESIGN**

Short Name

Course Code

**PLTW ENG**

**100161**

This course encourages students to use a problem-solving model to improve existing products and invent new ones. They learn how to apply this model to solve any problems, even outside of the classroom. Students use sophisticated three-dimension modeling software to communicate the details of these products. Emphasis is placed on analyzing potential solutions and communicating ideas to others.

Teacher/Instructor is required to complete PLTW teacher professional development in order to teach this course.

Recommended Level: Grades 9-12

Career Cluster: Energy and Engineering (CEENEG)

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
PHYSICS	1308
SCIENCE	1301
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 187</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>SKILLED AND TECHNICAL SCIENCES</b>
---------------------------------------

**PLTW CIVIL ENGINEERING AND ARCHITECTURE**

<u>Short Name</u>	<u>Course Code</u>
<b>PLTW CIVIL</b>	<b>100162</b>

Civil Engineering and Architecture is a Project Lead The Way course that includes the study of the design and construction of residential and commercial building projects. The course includes an introduction to many of the varied factors involved in building design and construction including building components and systems, structural design, storm water management, site design, utilities and services, cost estimation, energy efficiency, and careers in the design and construction industry.

Teacher/Instructor is required to complete PLTW teacher professional development in order to teach this course.

Recommended Level: Grades 10-12

Career Cluster: Energy and Engineering (CEENEG)

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
PHYSICS	1308
SCIENCE	1301
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**PLTW ENGINEERING DESIGN AND DEVELOPMENT**

<u>Short Name</u>	<u>Course Code</u>
<b>PLTW ENG D</b>	<b>100163</b>

Engineering Design and Development (EDD) is the capstone course in in the Project Lead The Way high school engineering program. It is an engineering research course in which students work in teams to design and develop an original solution to a valid open-ended technical problem by applying the engineering design process. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology.

Teacher/Instructor is required to complete PLTW teacher professional development in order to teach this course.

Recommended Level: 10-12

Career Cluster: Energy and Engineering (CEENEG)

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARTH AND SPACE SCIENCE	1305
MATHEMATICS	1100
PHYSICS	1308
SCIENCE	1301
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 188</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>SKILLED AND TECHNICAL SCIENCES</b>
---------------------------------------

**PLTW AEROSPACE ENGINEERING**

Short Name

Course Code

**PLTW AERO**

**100164**

Aerospace Engineering (AE) is a Project Lead The Way course that includes the study of the engineering discipline which develops new technologies for use in aviation, defense systems, and space exploration. The course explores the evolution of flight, flight fundamentals, navigation and control, aerospace materials, propulsion, space travel, orbital mechanics, ergonomics, remotely operated systems and related careers. In addition the course presents alternative applications for aerospace engineering concepts.

Teacher/Instructor is required to complete PLTW teacher professional development in order to teach this course.

Recommended Level: Grades 10-12

Career Cluster: Energy and Engineering (CEENEG)

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
PHYSICS	1308
SCIENCE	1301
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**PLTW BIOTECHNICAL ENGINEERING**

Short Name

Course Code

**PLTW BIO**

**100165**

Biotechnical Engineering (BE) is a Project Lead The Way course designed to expose students to the diverse fields of biotechnology including biomedical engineering, biomolecular genetics, bioprocess engineering, and agricultural and environmental engineering. Lessons engage students in engineering design problems that can be accomplished in a high school setting related to biomechanics, cardiovascular engineering, genetic engineering, agricultural biotechnology tissue engineering, biomedical devices, human interface, bioprocesses, forensics, and bio-ethics. Students in this course will apply biological and engineering concepts to design materials and processes that directly measure, repair, improve, and extending living systems.

Teacher/Instructor is required to complete PLTW teacher professional development in order to teach this course.

Recommended Level: Grades 11-12

Career Cluster: Energy and Engineering (CEENEG)

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
MATHEMATICS	1100
PHYSICS	1308
SCIENCE	1301
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**SKILLED AND TECHNICAL SCIENCES**

**INTRODUCTION TO ELECTRONICS**

Short Name

Course Code

**INT ELECT**

**100401**

Electronics – Comprehensive courses provide a survey of the theory, terminology, equipment, and practical experience in the skills needed for careers in the electronic field as well as typically cover the theory of electricity. Course topics may include AC, DC, analog, and integrated circuitry and solid state and digital devices, amplifiers, and semiconductors. Skills covered involve the repair, maintenance, and building of electronic equipment such as radios, television sets, and industrial equipment.

Recommended Level: Grades 10-12

Career Cluster: Manufacturing

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**ADVANCED ELECTRONICS**

Short Name

Course Code

**ADV ELECT**

**100402**

Advanced electronics theory and application. Circuitry diagnostics and the application and design of circuits using the principals of analog and digital electronics will be used.

Recommended Level: Grades 10-12

Career Cluster: Manufacturing

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**SKILLED AND TECHNICAL SCIENCES****PLTW DIGITAL ELECTRONICS**Short NameCourse Code**PLTW DIG****100403**

Digital Electronics (DE) is a Project Lead The Way course designed for the study of electronic circuits that are used to process and control digital signals. In contrast to analog electronics, where information is represented by a continuously varying voltage, digital signals are represented by two discrete voltages or logic levels. This distinction allows for greater signal speed and storage capabilities and has revolutionized the world of electronics. Digital electronics is the foundation of all modern electronic devices such as cellular phones, MP3 players, laptop computers, digital cameras, high definition televisions, etc. The major focus of the DE course is to expose students to the design process of combinational and sequential logic design, teamwork, communication methods, engineering standards, and technical documentation.

Teacher/Instructor is required to complete PLTW teacher professional development in order to teach this course.

Recommended Level: Grades 10-12

Career Cluster: Energy and Engineering (CEENEG)

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
PHYSICS	1308
SCIENCE	1301
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**ELECTRICITY**Short NameCourse Code**ELECTRIC****100405**

Comprehensive courses provide an overview of the theory, terminology, tools, and practical experience in the skills needed for a career in the electrical field. This course typically includes circuitry, safety, and the National Electrical Code. This course covers skills that are involved in building circuits, wiring residential, and commercial and/or industrial buildings. Installing lighting, power circuits, cables and estimating job costs may be included.

Recommended Level: Grades 9-12

Career Cluster: Architecture and Construction

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**SKILLED AND TECHNICAL SCIENCES**

**FUNDAMENTALS OF ENERGY**

Short Name  
**FUNDENERGY**

Course Code  
**100406**

This introductory course will focus on the various types, principles and distribution of energy and energy systems.

Recommended Level: Grades 9-12

Career Cluster: Energy and Engineering (CEENEG)

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**PHYSICS AND MATHEMATICS OF ENERGY**

Short Name  
**PHYMATHENG**

Course Code  
**100407**

This course is an in-depth study of energy and its applications.

Recommended Level: Grades 9-12

Career Cluster: Energy and Engineering (CEENEG)

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**SUSTAINABLE ENERGY**

Short Name  
**SUSENERGY**

Course Code  
**100408**

This course will focus on energy sources and alternative forms of energy and their uses.

Recommended Level: Grades 9-12

Career Cluster: Energy and Engineering (CEENEG)

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**SKILLED AND TECHNICAL SCIENCES****EXPLORING SKILLED AND TECHNICAL SCIENCE - 6TH GRADE**Short NameCourse Code**EXPLSTS6****100706**

In this course students will explore fundamentals in Skilled and Technical Sciences at the 6th grade level.

Course Standards : (Please list)

Student will understand and accurately apply measurement.

Students will know and model safe lab procedures and techniques.

Students will be introduced to technical communications.

Students will experience skills needed to complete a project.

Student will explore career opportunities.

Recommended Level: Middle/Junior High

Career Cluster: Career Development and Exploratory Courses

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MIDDLE GR/INDUSTRIAL TECH	1816
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**EXPLORING SKILLED AND TECHNICAL SCIENCE - 7TH GRADE**Short NameCourse Code**EXPLSTS7****100707**

In this course students will explore fundamentals in Skilled and Technical Sciences at the 7th grade level.

Course Standards : (Please list)

Student will understand and accurately apply measurement.

Students will know and model safe lab procedures and techniques.

Students will be introduced to technical communications.

Students will experience skills needed to complete a project.

Student will explore career opportunities.

Recommended Level: Middle/Junior High

Career Cluster: Career Development and Exploratory Courses

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MIDDLE GR/INDUSTRIAL TECH	1816
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700



<b>SKILLED AND TECHNICAL SCIENCES</b>
---------------------------------------

**EXPLORING SKILLED AND TECHNICAL SCIENCE - 8TH GRADE**

<u>Short Name</u>	<u>Course Code</u>
<b>EXPLSTS8</b>	<b>100708</b>

In this course students will explore fundamentals in Skilled and Technical Sciences at the 8th grade level.

Course Standards : (Please list)

Student will understand and accurately apply measurement.

Students will know and model safe lab procedures and techniques.

Students will be introduced to technical communications.

Students will recognize material types and properties.

Students will demonstrate material processing.

Students will select tools for the correct operation.

Student will explore career opportunities.

Recommended Level: Middle/Junior High      Career Cluster: Career Development and Exploratory Courses

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MIDDLE GR/INDUSTRIAL TECH	1816
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**MANUFACTURING PROCESS - METALS**

<u>Short Name</u>	<u>Course Code</u>
<b>MANPROCMTL</b>	<b>101400</b>

Students will be introduced to the basic manufacturing process in metal manufacturing.

Recommended Level: Grades 9-12

Career Cluster: Manufacturing

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**MANUFACTURING PRODUCTION - METALS**

<u>Short Name</u>	<u>Course Code</u>
<b>MANPRODMTL</b>	<b>101401</b>

Students will utilize tools and equipment to produce parts and projects within specifications using metal.

Recommended Level: Grades 11-12

Career Cluster: Manufacturing

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

<b>SKILLED AND TECHNICAL SCIENCES</b>
---------------------------------------

<b>ADVANCED MANUFACTURING &amp; FABRICATION - METALS</b>	<u>Short Name</u> <b>ADVMANMTL</b>	<u>Course Code</u> <b>101402</b>
--	---------------------------------------	-------------------------------------

Students will use advanced tools and equipment (CNC) to produce parts and projects to industry standards and specifications.

Recommended Level: Grades 11-12

Career Cluster: Manufacturing

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
T&I METALS	1704

<b>TRANSPORTATION 1</b>	<u>Short Name</u> <b>TRANS 1</b>	<u>Course Code</u> <b>101600</b>
-------------------------	-------------------------------------	-------------------------------------

This course will provide students with basic knowledge and skills of the tools and systems needed to be a TDL technician.

Recommended Level: Grades 9-12

Career Cluster: Transportation, Distribution and Logistics

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

<b>INTRODUCTION TO TDL</b>	<u>Short Name</u> <b>INTROTDL</b>	<u>Course Code</u> <b>101601</b>
----------------------------	--------------------------------------	-------------------------------------

This course will introduce students to the basics in the area of distribution and logistics and how the supply chain of products, materials, etc. operate.

Recommended Level: Grades 9-12

Career Cluster: Transportation, Distribution and Logistics

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

<b>SKILLED AND TECHNICAL SCIENCES</b>
---------------------------------------

**DISTRIBUTION AND LOGISTICS**

<u>Short Name</u>	<u>Course Code</u>
<b>DIST/LOG</b>	<b>101610</b>

Distribution and Logistics is a study of the acquisition, storage, use, packaging, transportation and distribution of materials and products. Topics covered include: product receiving and storage, order processing, packaging, shipping, inventory control, quality control, tracking operations, and material handling safety.

Recommended Level: Grades 9-12

Career Cluster: Transportation, Distribution and Logistics

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**TRANSPORTATION 2**

<u>Short Name</u>	<u>Course Code</u>
<b>TRANS 2</b>	<b>101620</b>

This course will expand on the basic concepts and systems needed by the TDL technician. It will focus on service and maintenance of automobiles and mobile equipment.

Recommended Level: Grades 10-12

Career Cluster: Transportation, Distribution and Logistics

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**TRANSPORTATION 3**

<u>Short Name</u>	<u>Course Code</u>
<b>TRANS 3</b>	<b>101630</b>

This course focuses on the diagnosis, service and repair of the automobile and mobile equipment.

Recommended Level: Grades 11-12

Career Cluster: Transportation, Distribution and Logistics

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

<b>SKILLED AND TECHNICAL SCIENCES</b>
---------------------------------------

<b>COLLISON REPAIR</b>	<u>Short Name</u> <b>COLLREPAIR</b>	<u>Course Code</u> <b>101640</b>
------------------------	--	-------------------------------------

This course exposes students to the knowledge and skills needed to be a collision repair and refinishing technician.

Recommended Level: Grades 11-12

Career Cluster: Transportation, Distribution and Logistics

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

<b>BUSINESS LOGISTICS</b>	<u>Short Name</u> <b>BUSLOG</b>	<u>Course Code</u> <b>101650</b>
---------------------------	------------------------------------	-------------------------------------

Distribution and Logistics is a study of the acquisition, storage, use, packaging, transportation and distribution of materials and products. Topics covered include: management of materials and physical distribution; transportation choices, regulation and rates; traffic management; product storage, warehousing, handling and packaging; inventory management; acquisition and production scheduling; order entry and processing; logistics systems design and operation; and international logistics.

Recommended Level: Grades 11-12

Career Cluster: Transportation, Distribution and Logistics

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

<b>INTRODUCTION TO AIRCRAFT AND ROCKETRY</b>	<u>Short Name</u> <b>INTROAIR</b>	<u>Course Code</u> <b>101700</b>
--	--------------------------------------	-------------------------------------

This course will serve as an introduction to history, function, design, and principles of flight and rocketry. Students will learn the history of manned flight and space exploration. They will research, design, build, and flight test airframes and rockets. Students will do a hands-on study of the history and future of the aerospace industry.

Recommended Level: Grades 9-10

Career Cluster: Transportation, Distribution and Logistics

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000

**SKILLED AND TECHNICAL SCIENCES**

**INTRODUCTION TO AVIATION AND AEROSPACE**

Short Name

Course Code

**INTROAV**

**101701**

The course engages students in an inquiry-based, problem-solving approach to investigate and understand the science of aeronautics and aerodynamics. The activities are designed to encourage teamwork and participation among the students. The course also provides a broad understanding of the three types of aviation: commercial, military, and general aviation.

Recommended Level: Grades 10-11

Career Cluster: Transportation, Distribution and Logistics

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

SKILLED & TECHNICAL SCIENCES

1000

**HISTORY OF AVIATION**

Short Name

Course Code

**HISTOFAV**

**101702**

This course explores the historical development of aviation and aerospace on a global and national scale. The class focuses on the key individuals, their achievements and overall contribution to the science of aeronautics and aircraft; including the technologies and key events that have unfolded since the dawn of flight.

Recommended Level: Grades 11-12

Career Cluster: Transportation, Distribution and Logistics

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

HISTORY

1505

SKILLED & TECHNICAL SCIENCES

1000

SOCIAL SCIENCE

1501

**AVIATION SAFETY**

Short Name

Course Code

**AVSAFE**

**101703**

This course provides the student with a detailed introduction to aspects of aviation safety as well as the associated components of flight in regards to human factors, aircraft technology, weather related accidents, and aeronautical accident investigation. The student will develop an understanding of the issues relating to aviation safety including the regulatory framework, aeronautical decision making, safety data analysis, nature of accidents, safety management, human factors, air traffic technology, aircraft technology, the accident investigation process, and apply these to current issues facing the civil, military, and commercial aviation industry.

Recommended Level: Grades 11-12

Career Cluster: Transportation, Distribution and Logistics

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

SKILLED & TECHNICAL SCIENCES

1000

**SKILLED AND TECHNICAL SCIENCES****INTRODUCTION TO POWERED FLIGHT**Short Name**INTOPFLT**Course Code**101704**

The successful completion of this course will prepare the student to take and pass the Federal Aviation Administration's (FAA) Private Pilot Written Exam which is a requirement to fulfill in obtaining a Private Pilot Certificate. This course will introduce the student to a variety of subject matters ranging in, but not limited to, Basic Aerodynamics, Aircraft Systems, Flight Instrument applications, Federal Aviation Regulations, Meteorology, Aerial Navigation, Airport Operations and Procedures, In-route Flight Planning, and applications of Determining Aircraft Performance Parameters for safe flight.

Recommended Level: Grade 12

Career Cluster: Transportation, Distribution and Logistics

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement NameEndorsement Number

SKILLED &amp; TECHNICAL SCIENCES

1000

**INTRODUCTION TO MECHATRONICS**Short Name**INTERMECH**Course Code**101900**

This course prepares students for careers in manufacturing and for postsecondary education. The main focus is a core structure study in hydraulics, pneumatics, electrical, material testing, sensors, electric and pneumatic robot operations and an introduction to programmable logic controllers.

Recommended Level: Grades 9-12

Career Cluster: Manufacturing

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement NameEndorsement Number

SKILLED &amp; TECHNICAL SCIENCES

1000

SKILLED &amp; TECHNICAL, SKILL SPEC

1700

<b>SKILLED AND TECHNICAL SCIENCES</b>
---------------------------------------

**PLTW COMPUTER INTEGRATED MANUFACTURING**

<u>Short Name</u>	<u>Course Code</u>
<b>PLTW MFG</b>	<b>101901</b>

Computer Integrated Manufacturing (CIM) is a Project Lead The Way course designed to study manufacturing planning, integration and implementation of automation. The course explores manufacturing history. Individual processes, systems, and careers. In addition to technical concepts, the course incorporates finance, ethics, and engineering design. This reflects an integrated approach that leading manufacturers have adopted to improve safety, quality and efficiently.

Teacher/Instructor is required to complete PLTW teacher professional development in order to teach this course.

Recommended Level: Grades 9-12

Career Cluster: Energy and Engineering (CEENEG)

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
PHYSICS	1308
SCIENCE	1301
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**MANUFACTURING PROCESSES - WOODS**

<u>Short Name</u>	<u>Course Code</u>
<b>MANPROCWD</b>	<b>101920</b>

Students will be introduced to the basic manufacturing process in wood manufacturing.

Recommended Level: Grades 9-11

Career Cluster: Manufacturing

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

<b>SKILLED AND TECHNICAL SCIENCES</b>
---------------------------------------

**MANUFACTURING PRODUCTION - WOODS**

<u>Short Name</u>	<u>Course Code</u>
<b>MANPRODWD</b>	<b>101921</b>

Students will utilize tools and equipment to produce parts and projects within specifications using wood.

Recommended Level: Grades 11-12

Career Cluster: Manufacturing

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**ADVANCED MANUFACTURING & FABRICATION - WOODS**

<u>Short Name</u>	<u>Course Code</u>
<b>ADVMANWD</b>	<b>101922</b>

Students will use advanced tools and equipment (CNC) to produce parts and projects to industry standards and specifications.

Recommended Level: Grades 11-12

Career Cluster: Manufacturing

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**WELDING 1**

<u>Short Name</u>	<u>Course Code</u>
<b>WELD 1</b>	<b>101930</b>

Students will be introduced to the basic manufacturing process in welding manufacturing.

Recommended Level: Grades 9-12

Career Cluster: Manufacturing

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700



<b>SKILLED AND TECHNICAL SCIENCES</b>
---------------------------------------

**WELDING 2**

Short Name

Course Code

**WELD 2**

**101940**

This course is a continuation of learning the knowledge and skills of the welding industry.

Recommended Level: Grades 11-12

Career Cluster: Manufacturing

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**WELDING 3**

Short Name

Course Code

**WELD 3**

**101941**

Students will produce projects and welds to specifications and work towards welding certifications.

Recommended Level: Grades 11-12

Career Cluster: Manufacturing

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700
T&I METALS	1704

<b>SKILLED AND TECHNICAL SCIENCES</b>
---------------------------------------

**MANUFACTURING PROCESSES - PLASTICS**

<u>Short Name</u>	<u>Course Code</u>
<b>MANPROCPL</b>	<b>101950</b>

Students will be introduced to the basic manufacturing process in plastics manufacturing.

Recommended Level: Grades 9-12

Career Cluster: Manufacturing

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**MANUFACTURING PRODUCTION - PLASTICS**

<u>Short Name</u>	<u>Course Code</u>
<b>MANPRODPL</b>	<b>101951</b>

Students will utilize tools and equipment to produce parts and projects within specifications using plastics.

Recommended Level: Grades 11-12

Career Cluster: Manufacturing

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**ADVANCED MANUFACTURING & FABRICATION - PLASTICS**

<u>Short Name</u>	<u>Course Code</u>
<b>ADVMANPLST</b>	<b>101952</b>

Students will use advanced tools and equipment (CNC) to produce parts and projects to industry standards and specifications.

Recommended Level: Grades 11-12

Career Cluster: Manufacturing

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 203</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>SKILLED AND TECHNICAL SCIENCES</b>
---------------------------------------

<b>ENGINEERING DESIGN AND SYSTEMS THINKING</b>	<u>Short Name</u> <b>ENGDSNTHK</b>	<u>Course Code</u> <b>103191</b>
--	---------------------------------------	-------------------------------------

This course gives students the opportunity to develop skills and understanding of engineering concepts.

Recommended Level: Grades 9-10

Career Cluster: Energy and Engineering (CEENEG)

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

<b>ENGINEERING PROBLEM SOLVING</b>	<u>Short Name</u> <b>ENGPROBSLV</b>	<u>Course Code</u> <b>103192</b>
------------------------------------	--	-------------------------------------

This course exposes students to some of the major concepts that they will encounter in a postsecondary engineering course of study.

Recommended Level: Grades 9-12

Career Cluster: Energy and Engineering (CEENEG)

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

<b>SYSTEMS ENGINEERING AND PROJECT MANAGEMENT</b>	<u>Short Name</u> <b>SYSENGPRJT</b>	<u>Course Code</u> <b>103193</b>
---	--	-------------------------------------

This is an engineering research course in which students will design and develop an original solution to a valid open-ended technical problem by applying the engineering design process.

Recommended Level: Grades 11-12

Career Cluster: Energy and Engineering (CEENEG)

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

<b>SKILLED AND TECHNICAL SCIENCES</b>
---------------------------------------

**ROBOTICS**

Short Name

Course Code

**ROBOTICS**

**103194**

Introduction of Robotics (IR) is designed to explore the current and future use of automation technology in industry and everyday use. Students will receive a comprehensive overview of robotic systems and the subsystems that comprise them while engaging with a robotics platform. This course is designed for students who have an interest in Energy and Engineering (CEENEG) robotics applications.

Recommended Level: Grades 9-12

Career Cluster: Energy and Engineering (CEENEG)

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
PHYSICS	1308
SCIENCE	1301
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**ADVANCED ROBOTICS**

Short Name

Course Code

**ADV ROBOT**

**103195**

Advanced Robotics is designed to be a continuation of the Robotics course and provide a capstone experience in a sequence of courses dealing with the current and future use of automation technology in industry. Students will continue the study and exploration of robotic systems and the subsystems that comprise them while engaging with a robotics platform. This course is designed for students who have an interest in Engineering and Manufacturing.

Recommended Level: Grades 11-12

Career Cluster: Energy and Engineering

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
PHYSICS	1308
SCIENCE	1301
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

<b>SKILLED AND TECHNICAL SCIENCES</b>
---------------------------------------

**SKILLED AND TECHNICAL SCIENCE, OTHER**

Short Name

Course Code

**STSOTHER**

**109930**

SKILLED AND TECHNICAL SCIENCE courses not otherwise listed or classified. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Manufacturing

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**SKILLED AND TECHNICAL SCIENCE, OTHER**

Short Name

Course Code

**STSOTHER**

**109931**

SKILLED AND TECHNICAL SCIENCE courses not otherwise listed or classified. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Manufacturing

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

**SKILLED AND TECHNICAL SCIENCE, OTHER**

Short Name

Course Code

**STSOTHER**

**109932**

SKILLED AND TECHNICAL SCIENCE courses not otherwise listed or classified. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Manufacturing

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

<b>SKILLED AND TECHNICAL SCIENCES</b>
---------------------------------------

<b>SKILLED AND TECHNICAL SCIENCE, OTHER</b>	<u>Short Name</u> <b>STSOTHER</b>	<u>Course Code</u> <b>109933</b>
---	--------------------------------------	-------------------------------------

SKILLED AND TECHNICAL SCIENCE courses not otherwise listed or classified. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Manufacturing

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

<b>SKILLED AND TECHNICAL SCIENCE, OTHER</b>	<u>Short Name</u> <b>STSOTHER</b>	<u>Course Code</u> <b>109934</b>
---	--------------------------------------	-------------------------------------

SKILLED AND TECHNICAL SCIENCE courses not otherwise listed or classified. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Manufacturing

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SKILLED & TECHNICAL SCIENCES	1000
SKILLED & TECHNICAL,SKILL SPEC	1700

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 207</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>SOCIAL SCIENCE/SOCIAL STUDIES</b>
--------------------------------------

<b>SOCIAL STUDIES-MIDDLE GRADES/JR HIGH I</b>	<u>Short Name</u> <b>SOC MG I</b>	<u>Course Code</u> <b>150011</b>
---	--------------------------------------	-------------------------------------

The study of curriculum and experiences from one or all of the following: history, geography, economics, citizenship, government, cultural studies, and current events.

Use this code for the first course in Social Studies at the middle grades/junior high.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
SOCIAL SCIENCE	1501

<b>SOCIAL STUDIES-MIDDLE GRADES/JR HIGH II</b>	<u>Short Name</u> <b>SOC MG II</b>	<u>Course Code</u> <b>150012</b>
--	---------------------------------------	-------------------------------------

The study of curriculum and experiences from one or all of the following: history, geography, economics, citizenship, government, cultural studies, and current events.

Use this code for the second course in Social Studies at the middle grades/junior high level.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
SOCIAL SCIENCE	1501

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 208</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>SOCIAL SCIENCE/SOCIAL STUDIES</b>
--------------------------------------

**SOCIAL STUDIES-MIDDLE GRADES/JR HIGH III**

Short Name

Course Code

**SOC MG III**

**150013**

The study of curriculum and experiences from one or all of the following; history, geography, economics, citizenship, government, cultural studies, and current events.

Use this code for the third course in Social Studies at the middle grades/junior high level.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
SOCIAL SCIENCE	1501

---

**ANTHROPOLOGY**

Short Name

Course Code

**ANTHROPOL**

**150100**

The study of people and their worlds in which attention is focused on the relations between people and their culture in the past and present and their ongoing cultural development, and the varieties of human, social and cultural forms.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ANTHROPOLOGY	1502
HISTORY	1505
SOCIAL SCIENCE	1501

---



<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 209</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>SOCIAL SCIENCE/SOCIAL STUDIES</b>
--------------------------------------

<b>CULTURAL/ETHNIC STUDIES</b>	<u>Short Name</u> <b>CULT/ETH</b>	<u>Course Code</u> <b>150104</b>
--------------------------------	--------------------------------------	-------------------------------------

The study of the cultural development and relationships between or among ethnic groups and their impact on the larger culture.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ANTHROPOLOGY	1502
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
HISTORY	1505
MIDDLE GR/LANGUAGE ARTS	1817
MIDDLE GR/SOCIAL SCIENCE	1820
SOCIAL SCIENCE	1501
SOCIOLOGY	1509

<b>GEOGRAPHY</b>	<u>Short Name</u> <b>GEOGRAPHY</b>	<u>Course Code</u> <b>150700</b>
------------------	---------------------------------------	-------------------------------------

The study of spatial relations and processes on the earth's surface studied on a variety of scales ranging from local to world-wide.

This code should also be used for such geography courses as:

- Human
- Physical
- World
- North America
- South America
- Nebraska
- Other

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
GEOGRAPHY	1504
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
SOCIAL SCIENCE	1501

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 210</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>SOCIAL SCIENCE/SOCIAL STUDIES</b>
--------------------------------------

**ADVANCED PLACEMENT HUMAN GEOGRAPHY**

Short Name

Course Code

**AP HGEOG**

**150750**

AP Human Geography is equivalent to an introductory college-level course in human geography. Students learn to study systematic patterns and process that have shaped human understanding, use, and alteration of Earth's surface. Students study geography; population and migration; cultural patterns and processes; political organization; agriculture, food production, and rural land use; industrialization and economic development; and cities and urban land use.

AP College Board governs this course and individual teachers submit their syllabus and course materials for approval from College Board prior to offering the course. Topics definitions are on College Board's website: [www.collegeboard.com](http://www.collegeboard.com)

Student may obtain college credit by sending their AP® transcript to the credit awarding institution. Each institution has their own credit policies.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
GEOGRAPHY	1504
HISTORY	1505
SOCIAL SCIENCE	1501

**WORLD HISTORY**

Short Name

Course Code

**WORLD HIST**

**150800**

The study of the history of events, individuals, groups, institutions, artifacts, ideas and other phenomena associated with the entire world. The course typically includes a historical overview of political, military, scientific, and social developments. The course should also include historical analysis, comprehension and research skills.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
SOCIAL SCIENCE	1501

<b>SOCIAL SCIENCE/SOCIAL STUDIES</b>
--------------------------------------

**ADVANCED PLACEMENT WORLD HISTORY**

<u>Short Name</u>	<u>Course Code</u>
<b>AP HISTW</b>	<b>150805</b>

The purpose of AP World History course is to develop greater understanding of the evolution of global processes and contracts in different types of human societies.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: [www.collegeboard.com](http://www.collegeboard.com).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
SOCIAL SCIENCE	1501

**ADVANCED PLACEMENT EUROPEAN HISTORY**

<u>Short Name</u>	<u>Course Code</u>
<b>AP HISTEU</b>	<b>150806</b>

The purpose of AP European History since 1450 is to introduce students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: [www.collegeboard.com](http://www.collegeboard.com).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
SOCIAL SCIENCE	1501

**NEBRASKA HISTORY**

<u>Short Name</u>	<u>Course Code</u>
<b>NEBR HIST</b>	<b>150810</b>

The study of the history of events, individuals, groups, institutions, artifacts, ideas and other phenomena associated with Nebraska.

This code should also be used for such courses as:  
Great Plains History

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
SOCIAL SCIENCE	1501

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 212</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>SOCIAL SCIENCE/SOCIAL STUDIES</b>
--------------------------------------

**AMERICAN HISTORY**

Short Name

Course Code

**AMER HIST**

**150820**

The study of the history of events, individual groups, institutions, artifacts, ideas and other phenomena associated with the United States. The course typically includes a historical overview of political, military, scientific, and social developments. The course should also include historical analysis, comprehension and research skills.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
SOCIAL SCIENCE	1501

**ADVANCED PLACEMENT US HISTORY**

Short Name

Course Code

**AP HIST US**

**150830**

The purpose of the AP program in United States History is to provide students with the analytical skills and enduring understandings necessary to deal critically with the problems and materials in United State History.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: [www.collegeboard.com](http://www.collegeboard.com).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
SOCIAL SCIENCE	1501

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 213</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>SOCIAL SCIENCE/SOCIAL STUDIES</b>
--------------------------------------

**HUMANITIES**

Short Name

Course Code

**HUMANITIES**

**150900**

The advanced study of a group of related subjects such as literature, art, music, religion, history, philosophy, and classical and modern languages, with aspects of social science/social studies forming the core; concerned with individual cultural achievements and values in society.

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
ENGLISH	0501
HISTORY	1505
MUSIC	1201
RELIGIOUS EDUCATION	1506
SOCIAL SCIENCE	1501

**ECONOMICS**

Short Name

Course Code

**ECONOMICS**

**151000**

Economics is a course designed to help students make decisions and understand economic principles as applied to current events and issues. Emphasis includes allocation of resources, economic systems, economic institutions and incentives, markets and prices, market structures, productivity, role of government, global economic concepts, and economic indicators.

Recommended Level: Grades 11-12

Career Cluster: Finance

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503
SOCIAL SCIENCE	1501

**SOCIAL SCIENCE/SOCIAL STUDIES**

**POLITICAL SCIENCE**

Short Name  
**POLISCIENC**

Course Code  
**151100**

The study of governments and political behavior.

This code could also be used for such courses as:

- Comparative Governments
- Political Parties and Public Opinion
- Other

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
POLITICAL SCIENCE	1507
SOCIAL SCIENCE	1501

**MODERN PROBLEMS**

Short Name  
**MOD PROBS**

Course Code  
**151103**

An advanced course dealing with the analysis of economic, social, political, cultural, and other issues which influence the economic, social, political, and cultural change and development of modern societies, specifically American society.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
POLITICAL SCIENCE	1507
SOCIAL SCIENCE	1501

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 215</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>SOCIAL SCIENCE/SOCIAL STUDIES</b>
--------------------------------------

**AMERICAN GOVERNMENT**

Short Name

Course Code

**AMER GVNMT**

**151110**

This course provides an overview of the structure and functions of the U.S. government and political institutions and examines constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. The course examines how people govern themselves at the national, state and local level.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
POLITICAL SCIENCE	1507
SOCIAL SCIENCE	1501

**ADVANCED PLACEMENT UNITED STATES GOVERNMENT AND  
POLITICS**

Short Name

Course Code

**AP US GOV**

**151113**

AP United States Government and Politics is equivalent to an introductory college-level course. It gives students an analytical perspective of government and politics in the United States. Students learn to interpret and analyze government and politics through the various institutions, groups, beliefs, and ideas that constitute the United States. Topics include: the Constitution, political beliefs and behaviors, political parties, interest groups, and mass media, institutions of national government, public policy, civil rights and civil liberties,

AP College Board governs this course and individual teachers submit their syllabus and course materials for approval from College Board prior to offering the course. Topics definitions are on College Board's website: [www.collegeboard.com](http://www.collegeboard.com)

Student may obtain college credit by sending their AP® transcript to the credit awarding institution. Each institution has their own credit policies.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
POLITICAL SCIENCE	1507
SOCIAL SCIENCE	1501

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 216</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>SOCIAL SCIENCE/SOCIAL STUDIES</b>
--------------------------------------

**CIVICS**

Short Name

Course Code

**CIVICS**

**151114**

Courses which develop understanding and attitudes that encourage people to participate in civic affairs and to understand their rights and responsibilities as citizens.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
POLITICAL SCIENCE	1507
SOCIAL SCIENCE	1501

**ADVANCED PLACEMENT COMPARITIVE GOVERNMENT AND  
POLITICS**

Short Name

Course Code

**AP COM GP**

**151115**

AP Comparative Government and Politics introduces students to the rich diversity of political life outside the United States. A comparison approach assists in both identifying problems, and analyzing policymaking. Included topics for comparison: political systems, policy implementation and effectiveness; political institutions and practices; economic well-being; and political leaders. Six countries will form the core of these comparisons: China, Great Britain, Iran, Mexico, Nigeria, and Russia.

AP College Board governs this course and individual teachers submit their syllabus and course materials for approval from College Board prior to offering the course. Topics definitions are on College Board's website: [www.collegeboard.com](http://www.collegeboard.com)

Student may obtain college credit by sending their AP® transcript to the credit awarding institution. Each institution has their own credit policies.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
POLITICAL SCIENCE	1507
SOCIAL SCIENCE	1501



<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 217</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>SOCIAL SCIENCE/SOCIAL STUDIES</b>
--------------------------------------

**INTERNATIONAL RELATIONS**

<u>Short Name</u>	<u>Course Code</u>
<b>INTL RELAT</b>	<b>151120</b>

The study of agencies, operations and principles involved in communication and interaction among nations, with emphasis typically given to relations among governments.

This code should also be used for such courses as:  
 Global Studies  
 Global Conflict

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
POLITICAL SCIENCE	1507
SOCIAL SCIENCE	1501

**PSYCHOLOGY**

<u>Short Name</u>	<u>Course Code</u>
<b>PSYCHOLOGY</b>	<b>151200</b>

The study of human behavior and mental processes.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
PSYCHOLOGY	1508
SCHOOL COUNSELOR	2501
SOCIAL SCIENCE	1501

<b>SOCIAL SCIENCE/SOCIAL STUDIES</b>
--------------------------------------

<b>ADVANCED PLACEMENT PSYCHOLOGY</b>	<u>Short Name</u> <b>AP PSYCHOL</b>	<u>Course Code</u> <b>151210</b>
--------------------------------------	--	-------------------------------------

The purpose of AP Psychology course is to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: [www.collegeboard.com](http://www.collegeboard.com).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
PSYCHOLOGY	1508
SOCIAL SCIENCE	1501

<b>SOCIOLOGY</b>	<u>Short Name</u> <b>SOCIOLOGY</b>	<u>Course Code</u> <b>151300</b>
------------------	---------------------------------------	-------------------------------------

The study of the structure, functions, and various forms of human society.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SOCIAL SCIENCE	1501
SOCIOLOGY	1509

<b>RELIGION I</b>	<u>Short Name</u> <b>RELIGION I</b>	<u>Course Code</u> <b>151301</b>
-------------------	--	-------------------------------------

The investigation of religious beliefs and statements; the study of religious organizations and churches and their functions in society. Religion classes in nonpublic schools which are not counted as a part of the school offering SHOULD NOT BE ENTERED. See 92NAC 10-003.01.

This code should be used for such courses as:  
Philosophy of Religion

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
RELIGIOUS EDUCATION	1506

<b>SOCIAL SCIENCE/SOCIAL STUDIES</b>
--------------------------------------

**RELIGION II**

<u>Short Name</u>	<u>Course Code</u>
<b>RELIGIONII</b>	<b>151302</b>

Nonpublic schools offering advanced religion courses may develop an appropriate course description.

Religion classes in nonpublic schools which are not counted as a part of the school offering SHOULD NOT BE ENTERED. See 92NAC 10-003.01

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
RELIGIOUS EDUCATION	1506

**RELIGION III**

<u>Short Name</u>	<u>Course Code</u>
<b>RELIG III</b>	<b>151303</b>

Nonpublic schools offering advanced religion courses may develop an appropriate course description.

Religion classes in nonpublic schools which are not counted as a part of the school offering SHOULD NOT BE ENTERED. See 92NAC 10-003.01

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
RELIGIOUS EDUCATION	1506

**RELIGION IV**

<u>Short Name</u>	<u>Course Code</u>
<b>RELIGIONIV</b>	<b>151304</b>

Nonpublic schools offering advanced religion courses may develop an appropriate course description.

Religion classes in nonpublic schools which are not counted as a part of the school offering SHOULD NOT BE ENTERED. See 92NAC 10-003.01

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
RELIGIOUS EDUCATION	1506

**SOCIAL SCIENCE/SOCIAL STUDIES**

**HOLOCAUST HISTORY**

Short Name

Course Code

**HOL HIST**

**152000**

This high school level course about the Holocaust, its roots and implications seek to explore the historical events before, during and after the Holocaust and to examine this history as a watershed event with lessons and implications for humanity and contemporary society.

PREREQUISITE: None

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
SOCIAL SCIENCE	1501

**IB HISTORY**

Short Name

Course Code

**IB HIST**

**152001**

IB History courses prepare students to take the International Baccalaureate History exams at either the Subsidiary or Higher level. In these courses, students study political, military, economic, social, and cultural trends and explore the nature of historical documentation and the methods used by historians. IB History courses survey 20th-century topics in an international context; provide a detailed regional study of a major area (Africa, Europe, the Americas, West and South Asia, East and Southeast Asia, or Australia); and enable students to undertake individual study on a subject of interest in greater detail and depth.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
SOCIAL SCIENCE	1501

**IB PSYCHOLOGY**

Short Name

Course Code

**IB PSYCHOL**

**152002**

IB Psychology courses prepare students to take the International Baccalaureate Psychology exams at either the Subsidiary or Higher level. Course content includes developmental and social psychology, cognition and learning, and personality subject areas, which are approached from biological/physiological, behavioral, and humanistic points of view. These courses may include a study of research design and statistics and involve practical work in psychological research.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
PSYCHOLOGY	1508
SOCIAL SCIENCE	1501

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 221</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>SOCIAL SCIENCE/SOCIAL STUDIES</b>
--------------------------------------

<b>IB THEORY OF KNOWLEDGE</b>	<u>Short Name</u> <b>IB TOK</b>	<u>Course Code</u> <b>152003</b>
-------------------------------	------------------------------------	-------------------------------------

Obligatory for every International Baccalaureate degree candidate, IB Theory of Knowledge courses aim to stimulate critical self-reflection of students' knowledge and experiences. Course content generates questions regarding the bases of knowledge and their verification in the disciplines of mathematics, natural sciences, human sciences, and history, with an awareness of moral, political, and aesthetic judgments and biases. Students learn to appreciate the strengths and limitations of various kinds of knowledge; to relate studied subjects to one another, general knowledge, and living experiences; to formulate rational arguments; and to evaluate the role of language in knowledge and as a way to convey knowledge.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
POLITICAL SCIENCE	1507
SOCIAL SCIENCE	1501

<b>GENDER STUDIES</b>	<u>Short Name</u> <b>GENDER ST</b>	<u>Course Code</u> <b>152004</b>
-----------------------	---------------------------------------	-------------------------------------

Gender Studies courses examine the history, politics, economics, and/or culture of gender in society. These courses may focus primarily on gender relations or may take a more comprehensive approach to studying the contemporary issues related to gender.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
SOCIAL SCIENCE	1501

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 222</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>SOCIAL SCIENCE/SOCIAL STUDIES</b>
--------------------------------------

**SOCIAL SCIENCE, OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>SOC OTHER</b>	<b>159930</b>

Social Science courses not listed or classifiable under the above codes.

Course codes for Criminal Justice, AP Microeconomics, and AP Macroeconomics are found within Career Education course listings.

- Criminal Justice is listed under LAW, PUBLIC SAFETY AND SECURITY.
- Advanced Placement Microeconomics and Advanced Placement Macroeconomics are listed under BUSINESS, MARKETING AND MANAGEMENT.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ANTHROPOLOGY	1502
ECONOMICS	1503
GEOGRAPHY	1504
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
POLITICAL SCIENCE	1507
RELIGIOUS EDUCATION	1506
SOCIAL SCIENCE	1501
SOCIOLOGY	1509

---

**SOCIAL SCIENCE, OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>SOC OTHER</b>	<b>159931</b>

Social Science courses not listed or classifiable under the above codes.

Course codes for Criminal Justice, AP Microeconomics, and AP Macroeconomics are found within Career Education course listings.

- Criminal Justice is listed under LAW, PUBLIC SAFETY AND SECURITY.
- Advanced Placement Microeconomics and Advanced Placement Macroeconomics are listed under BUSINESS, MARKETING AND MANAGEMENT.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ANTHROPOLOGY	1502
ECONOMICS	1503
GEOGRAPHY	1504
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
POLITICAL SCIENCE	1507
RELIGIOUS EDUCATION	1506
SOCIAL SCIENCE	1501
SOCIOLOGY	1509

---

<b>SOCIAL SCIENCE/SOCIAL STUDIES</b>
--------------------------------------

<b>SOCIAL SCIENCE, OTHER</b>	<u>Short Name</u> <b>SOC OTHER</b>	<u>Course Code</u> <b>159932</b>
------------------------------	---------------------------------------	-------------------------------------

Social Science courses not listed or classifiable under the above codes.

Course codes for Criminal Justice, AP Microeconomics, and AP Macroeconomics are found within Career Education course listings.

- Criminal Justice is listed under LAW, PUBLIC SAFETY AND SECURITY.
- Advanced Placement Microeconomics and Advanced Placement Macroeconomics are listed under BUSINESS, MARKETING AND MANAGEMENT.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ANTHROPOLOGY	1502
ECONOMICS	1503
GEOGRAPHY	1504
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
POLITICAL SCIENCE	1507
RELIGIOUS EDUCATION	1506
SOCIAL SCIENCE	1501
SOCIOLOGY	1509

<b>SOCIAL SCIENCE, OTHER</b>	<u>Short Name</u> <b>SOC OTHER</b>	<u>Course Code</u> <b>159932</b>
------------------------------	---------------------------------------	-------------------------------------

Social Science courses not listed or classifiable under the above codes.

Course codes for Criminal Justice, AP Microeconomics, and AP Macroeconomics are found within Career Education course listings.

- Criminal Justice is listed under LAW, PUBLIC SAFETY AND SECURITY.
- Advanced Placement Microeconomics and Advanced Placement Macroeconomics are listed under BUSINESS, MARKETING AND MANAGEMENT.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ANTHROPOLOGY	1502
ECONOMICS	1503
GEOGRAPHY	1504
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
POLITICAL SCIENCE	1507
RELIGIOUS EDUCATION	1506
SOCIAL SCIENCE	1501
SOCIOLOGY	1509

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 224</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>SOCIAL SCIENCE/SOCIAL STUDIES</b>
--------------------------------------

**SOCIAL SCIENCE, OTHER**

Short Name

Course Code

**SOC OTHER**

**159934**

Social Science courses not listed or classifiable under the above codes.

Course codes for Criminal Justice, AP Microeconomics, and AP Macroeconomics are found within Career Education course listings.

--- Criminal Justice is listed under LAW, PUBLIC SAFETY AND SECURITY.

--- Advanced Placement Microeconomics and Advanced Placement Macroeconomics are listed under BUSINESS, MARKETING AND MANAGEMENT.

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ANTHROPOLOGY	1502
ECONOMICS	1503
GEOGRAPHY	1504
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
POLITICAL SCIENCE	1507
RELIGIOUS EDUCATION	1506
SOCIAL SCIENCE	1501
SOCIOLOGY	1509



<b>WORLD LANGUAGE</b>
-----------------------

**WORLD LANGUAGE ARABIC I**

<u>Short Name</u>	<u>Course Code</u>
<b>ARABIC I</b>	<b>060001</b>

This beginning course includes the study of speaking, listening, reading, writing, and culture of the people. Students will be able to understand familiar words and very basic phrases concerning themselves, their family and immediate surroundings when people speak slowly and clearly. They will be able to understand familiar names, words, and very simple sentences and ask and answer simple questions in the areas of immediate need or on very familiar topics. Students will be able to use and write simple phrases and sentences to describe situations. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORLD LANGUAGE	0699

**WORLD LANGUAGE ARABIC II**

<u>Short Name</u>	<u>Course Code</u>
<b>ARABIC II</b>	<b>060002</b>

This course enables student to understand phrases and commonly used vocabulary related to areas of personal relevance and recognize the main point in short, clear, simple messages and announcements. Students will be able to read very short, simple texts and find specific, predictable information in simple everyday materials. Student can communicate in simple and routine tasks requiring a direct exchange of information on familiar topics and activities. They will be able to handle very short social exchanges and use a series of phrases and sentences to describe in simple terms their family and other people. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORLD LANGUAGE	0699

**WORLD LANGUAGE LATIN I**

<u>Short Name</u>	<u>Course Code</u>
<b>LATIN I</b>	<b>060105</b>

This beginning course includes the study of the language, literature and culture of the Roman world. Students will be able to understand familiar words, interpret very simple sentences and respond appropriately to simple questions, statements, and commands. Students will be able to read and write words, phrases and simple sentences. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MIDDLE GR/WORLD LANGUAGE	1814
WORLD LANGUAGE-LATIN	0603

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 226</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>WORLD LANGUAGE</b>
-----------------------

**WORLD LANGUAGE LATIN II**

Short Name

Course Code

**LATIN II**

**060106**

This course includes a more complex study of the language, literature and culture of the Roman world. Students will be able to understand phrases, sentences and commonly used vocabulary, interpret content, and recognize the main point of simple texts. Students will be able to read and interpret the meaning of short, simple texts and can communicate comprehension of prose and poetry by responding and writing answers to questions and statements. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-LATIN

0603

**ADVANCED PLACEMENT LATIN**

Short Name

Course Code

**AP LATIN**

**060107**

The AP Latin course takes a holistic approach to language proficiency and recognizes the complex interrelatedness of comprehension and comprehensibility, vocabulary usage, language control, communication strategies, and cultural awareness. This course strives to promote both fluency and accuracy in language use and not to overemphasize grammatical accuracy at the expense of communication. In order to best facilitate the study of language and culture, the course is taught in the target language.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: [www.collegeboard.com](http://www.collegeboard.com)

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-LATIN

0603

**LATIN III**

Short Name

Course Code

**LATIN III**

**060108**

This course builds students' knowledge of the Latin language and culture, typically focusing on having students express increasingly complex concepts in writing and comprehend and react to original Latin texts.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-LATIN

0603

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 227</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>WORLD LANGUAGE</b>
-----------------------

**LATIN IV**

Short Name

Course Code

**LATIN IV**

**060109**

This course builds upon the content explored in Latin III. This course continues to build students' knowledge of the Latin language and culture, typically focusing on having students express increasingly complex concepts in writing and comprehend and react to original Latin texts.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-LATIN

0603

**LATIN IB CLASSICAL LANGUAGE**

Short Name

Course Code

**LATIN IB**

**060111**

IB Classical Languages—Latin courses seek to strike a balance between the study of the classic Latin language itself (structure, meaning, and formulation) and the civilization it reflects (particularly its culture, philosophies, and institutions). Course content enables students to understand, translate, and appreciate a classical Latin text; relate literature to its historical or social background; recognize current relevance of ancient literature; and apply acquired knowledge to other subjects.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-LATIN

0603

**WORLD LANGUAGE FRENCH I**

Short Name

Course Code

**FRENCH I**

**060221**

This beginning course includes the study of speaking, listening, reading, writing, and culture of the people. Students will be able to understand familiar words and very basic phrases concerning themselves, their family and immediate surroundings when people speak slowly and clearly. They will be able to understand familiar names, words, and very simple sentences and ask and answer simple questions in the areas of immediate need or on very familiar topics. Students will be able to use and write simple phrases and sentences to describe situations. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

MIDDLE GR/WORLD LANGUAGE

1814

WORLD LANGUAGE-FRENCH

0601

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 228</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>WORLD LANGUAGE</b>
-----------------------

**WORLD LANGUAGE FRENCH II**

Short Name

**FRENCH II**

Course Code

**060222**

This course enables student to understand phrases and commonly used vocabulary related to areas of personal relevance and recognize the main point in short, clear, simple messages and announcements. Students will be able to read very short, simple texts and find specific, predictable information in simple everyday materials. Student can communicate in simple and routine tasks requiring a direct exchange of information on familiar topics and activities. They will be able to handle very short social exchanges and use a series of phrases and sentences to describe in simple terms their family and other people. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-FRENCH

0601

**WORLD LANGUAGE FRENCH III**

Short Name

**FRENCH III**

Course Code

**060223**

This course enables students to understand main points in a conversation on familiar matters regularly encountered in work, school, leisure, etc. Students will be able to understand the main point of radio or TV programs on current affairs or topics of interest when the delivery is relatively slow and clear and understand texts that consist mainly of everyday language. They can understand the description of events, feelings and wishes in personal letters and deal with basic situations likely to arise when traveling in an area where the language is spoken. Students are able to enter into conversations on topics that are familiar and connect phrases in order to describe experiences and events. Students will be able to write simple connected text and letters on topics, which are familiar, or of personal interest. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-FRENCH

0601

**WORLD LANGUAGE FRENCH IV**

Short Name

**FRENCH IV**

Course Code

**060224**

This course enables students to understand extended conversations provided the topic is reasonably familiar, some TV news, current affairs programs, and films in standard language. Students will be able to read articles and literary prose in which the writers adopt particular attitudes or viewpoints. Students can interact with a degree of competency and take an active part in discussion in familiar contexts. Students will be able to present clear, detailed descriptions and write clear, detailed texts on subjects related to their interests. Students can write text that conveys information and letters highlighting the personal significance of events and experiences. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-FRENCH

0601

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 229</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>WORLD LANGUAGE</b>
-----------------------

**WORLD LANGUAGE FRENCH V**

Short Name

**FRENCH V**

Course Code

**060225**

This course enables students to more clearly understand extended speech and follow more complex lines of conversations on a variety of topics. Students will be able to understand the majority of television programs and films with standard language. They can understand longer and more complex factual and literary texts. Students will be able to express themselves more fluently and spontaneously, use language flexibly and effectively for social and professional purposes, and formulate ideas and opinions. Students can present clear, detailed descriptions of a variety of subjects developing particular points and formulating an appropriate conclusion. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-FRENCH

0601

**ADVANCED PLACEMENT FRENCH LANGUAGE AND CULTURE**

Short Name

**AP FRENCH**

Course Code

**060226**

The AP French Language and Culture course takes a holistic approach to language proficiency and recognizes the complex interrelatedness of comprehension and comprehensibility, vocabulary usage, language control, communication strategies, and cultural awareness. This course strives to promote both fluency and accuracy in language use and not to overemphasize grammatical accuracy at the expense of communication. In order to best facilitate the study of language and culture, the course is taught in the target language.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: [www.collegeboard.com](http://www.collegeboard.com).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-FRENCH

0601

**IB LANGUAGE A - FRENCH**

Short Name

**IB FRENCHA**

Course Code

**060227**

This French course prepares students to take the Baccalaureate Language A exams at either the Subsidiary or Higher level. Course content includes in-depth study of literature chosen from the appropriate IB list of texts and authors, written analyses of this literature, and other oral and written assignments. Course content is designed to improve students' accuracy and fluency in the language, which is usually the students' native tongue.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-FRENCH

0601

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 230</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>WORLD LANGUAGE</b>
-----------------------

**IB LANGUAGE B - FRENCH**

Short Name

Course Code

**IB FRENCHB**

**060228**

This French course prepares students to take the International Baccalaureate Language B exams at either the Subsidiary or Higher level. These courses focus on improving students' accuracy and fluency in oral and written communication (usually in the students' "second" language). Student prepare to take the Subsidiary level exam will be able to understand native speakers; students preparing for the Higher level will be able to communicate fluently at native speed.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-FRENCH

0601

**WORLD LANGUAGE GERMAN I**

Short Name

Course Code

**GERMAN I**

**060231**

This beginning course includes the study of speaking, listening, reading, writing, and culture of the people. Students will be able to understand familiar words and very basic phrases concerning themselves, their family and immediate surroundings when people speak slowly and clearly. They will be able to understand familiar names, words, and very simple sentences and ask and answer simple questions in the areas of immediate need or on very familiar topics. Students will be able to use and write simple phrases and sentences to describe situations. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

MIDDLE GR/WORLD LANGUAGE

1814

WORLD LANGUAGE-GERMAN

0602

**WORLD LANGUAGE GERMAN II**

Short Name

Course Code

**GERMAN II**

**060232**

This course enables student to understand phrases and commonly used vocabulary related to areas of personal relevance and recognize the main point in short, clear, simple messages and announcements. Students will be able to read very short, simple texts and find specific, predictable information in simple everyday materials. Student can communicate in simple and routine tasks requiring a direct exchange of information on familiar topics and activities. They will be able to handle very short social exchanges and use a series of phrases and sentences to describe in simple terms their family and other people. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-GERMAN

0602

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 231</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>WORLD LANGUAGE</b>
-----------------------

**WORLD LANGUAGE GERMAN III**

Short Name

Course Code

**GERMAN III**

**060233**

This course enables students to understand main points in a conversation on familiar matters regularly encountered in work, school, leisure, etc. Students will be able to understand the main point of radio or TV programs on current affairs or topics of interest when the delivery is relatively slow and clear and understand texts that consist mainly of everyday language. They can understand the description of events, feelings and wishes in personal letters and deal with basic situations likely to arise when traveling in an area where the language is spoken. Students are able to enter into conversations on topics that are familiar and connect phrases in order to describe experiences and events. Students will be able to write simple connected text and letters on topics, which are familiar, or of personal interest. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-GERMAN

0602

**WORLD LANGUAGE GERMAN IV**

Short Name

Course Code

**GERMAN IV**

**060234**

This course enables students to understand extended conversations provided the topic is reasonably familiar, some TV news, current affairs programs, and films in standard language. Students will be able to read articles and literary prose in which the writers adopt particular attitudes or viewpoints. Students can interact with a degree of competency and take an active part in discussion in familiar contexts. Students will be able to present clear, detailed descriptions and write clear, detailed texts on subjects related to their interests. Students can write text that conveys information and letters highlighting the personal significance of events and experiences. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-GERMAN

0602

**WORLD LANGUAGE GERMAN V**

Short Name

Course Code

**GERMAN V**

**060235**

This course enables students to more clearly understand extended speech and follow more complex lines of conversations on a variety of topics. Students will be able to understand the majority of television programs and films with standard language. They can understand longer and more complex factual and literary texts. Students will be able to express themselves more fluently and spontaneously, use language flexibly and effectively for social and professional purposes, and formulate ideas and opinions. Students can present clear, detailed descriptions of a variety of subjects developing particular points and formulating an appropriate conclusion. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-GERMAN

0602

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 232</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>WORLD LANGUAGE</b>
-----------------------

**ADVANCED PLACEMENT GERMAN LANGUAGE AND CULTURE**

Short Name

Course Code

**AP GERMAN**

**060236**

The AP German Language and Culture course takes a holistic approach to language proficiency and recognizes the complex interrelatedness of comprehension and comprehensibility, vocabulary use, language control, communication strategies, and cultural awareness. Students should learn language structures in context and use them to convey meaning. This course strives to promote both fluency and accuracy in language use and not to overemphasize grammatical accuracy at the expense of communication. In order to best facilitate the study of language and culture, the course is taught in the target language. The course engages students in an exploration of culture in both contemporary and historical contexts.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: [www.collegeboard.com](http://www.collegeboard.com).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-GERMAN

0602

**IB LANGUAGE A - GERMAN**

Short Name

Course Code

**IB GERMANA**

**060237**

This German course prepares students to take the International Baccalaureate Language A exams at either the Subsidiary or Higher level. Course content includes in-depth study of literature chosen from the appropriate IB list of texts and authors, written analyses of this literature, and other oral and written assignments. Course content is designed to improve students' accuracy and fluency in the language, which is usually the students' native tongue.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-GERMAN

0602

**IB LANGUAGE B - GERMAN**

Short Name

Course Code

**IB GERMANB**

**060238**

This German course prepares students to take the International Baccalaureate Language B exams at either the Subsidiary or Higher level. These courses focus on improving students' accuracy and fluency in oral and written communication (usually in the students' "second" language). Students preparing to take the Subsidiary level exam will be able to understand native speakers; students preparing for the Higher level exam will be able to communicate fluently at native speed.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-GERMAN

0602



**WORLD LANGUAGE**

**WORLD LANGUAGE SPANISH I**

Short Name

**SPANISH I**

Course Code

**060241**

This beginning course includes the study of speaking, listening, reading, writing, and culture of the people. Students will be able to understand familiar words and very basic phrases concerning themselves, their family and immediate surroundings when people speak slowly and clearly. They will be able to understand familiar names, words, and very simple sentences and ask and answer simple questions in the areas of immediate need or on very familiar topics. Students will be able to use and write simple phrases and sentences to describe situations. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MIDDLE GR/WORLD LANGUAGE	1814
WORLD LANGUAGE-SPANISH	0604

**WORLD LANGUAGE SPANISH II**

Short Name

**SPANISH II**

Course Code

**060242**

This course enables student to understand phrases and commonly used vocabulary related to areas of personal relevance and recognize the main point in short, clear, simple messages and announcements. Students will be able to read very short, simple texts and find specific, predictable information in simple everyday materials. Student can communicate in simple and routine tasks requiring a direct exchange of information on familiar topics and activities. They will be able to handle very short social exchanges and use a series of phrases and sentences to describe in simple terms their family and other people. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MIDDLE GR/WORLD LANGUAGE	1814
WORLD LANGUAGE-SPANISH	0604

**WORLD LANGUAGE SPANISH III**

Short Name

**SPANISHIII**

Course Code

**060243**

This course enables students to understand main points in a conversation on familiar matters regularly encountered in work, school, leisure, etc. Students will be able to understand the main point of radio or TV programs on current affairs or topics of interest when the delivery is relatively slow and clear and understand texts that consist mainly of everyday language. They can understand the description of events, feelings and wishes in personal letters and deal with basic situations likely to arise when traveling in an area where the language is spoken. Students are able to enter into conversations on topics that are familiar and connect phrases in order to describe experiences and events. Students will be able to write simple connected text and letters on topics, which are familiar, or of personal interest. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORLD LANGUAGE-SPANISH	0604

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 234</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>WORLD LANGUAGE</b>
-----------------------

**WORLD LANGUAGE SPANISH IV**

Short Name

Course Code

**SPANISH IV**

**060244**

This course enables students to understand extended conversations provided the topic is reasonably familiar, some TV news, current affairs programs, and films in standard language. Students will be able to read articles and literary prose in which the writers adopt particular attitudes or viewpoints. Students can interact with a degree of competency and take an active part in discussion in familiar contexts. Students will be able to present clear, detailed descriptions and write clear, detailed texts on subjects related to their interests. Students can write text that conveys information and letters highlighting the personal significance of events and experiences. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-SPANISH

0604

**WORLD LANGUAGE SPANISH V**

Short Name

Course Code

**SPANISH V**

**060245**

This course enables students to more clearly understand extended speech and follow more complex lines of conversations on a variety of topics. Students will be able to understand the majority of television programs and films with standard language. They can understand longer and more complex factual and literary texts. Students will be able to express themselves more fluently and spontaneously, use language flexibly and effectively for social and professional purposes, and formulate ideas and opinions. Students can present clear, detailed descriptions of a variety of subjects developing particular points and formulating an appropriate conclusion. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-SPANISH

0604

**ADVANCED PLACEMENT SPANISH LANGUAGE AND CULTURE**

Short Name

Course Code

**AP SPAN LC**

**060246**

Designed by the College Board to parallel third-year college-level courses in Spanish Composition and Conversation, AP Spanish Language courses build upon prior knowledge and develop students' ability to understand others and express themselves (in Spanish) accurately, coherently, and fluently in both formal and informal situations. Students will develop a vocabulary large enough to understand literary texts, magazine/newspaper articles, films and television productions, and other authentic resources.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-SPANISH

0604

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 235</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>WORLD LANGUAGE</b>
-----------------------

**IB LANGUAGE A - SPANISH**

Short Name

Course Code

**IB SPAN A**

**060247**

This Spanish course prepares students to take the Baccalaureate Language A exams at either the Subsidiary or Higher level. Course content includes in-depth study of literature chosen from the appropriate IB list of texts and authors, written analyses of this literature, and other oral and written assignments. Course content is designed to improve students' accuracy and fluency in the language, which is usually the students' native tongue.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-SPANISH

0604

**IB LANGUAGE B - SPANISH**

Short Name

Course Code

**IB SPAN B**

**060248**

This Spanish course prepares students to take the International Baccalaureate Language B exams at either the Subsidiary or Higher level. These courses focus on improving students' accuracy and fluency in oral and written communication (usually in the students' "second" language). Students preparing to take the Subsidiary level exam will be able to understand native speakers; students preparing for the Higher level exam will be able to communicate fluently at native speed.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-SPANISH

0604

**SPANISH FOR NATIVE SPEAKERS I**

Short Name

Course Code

**SPAN NS I**

**060249**

This two semester course supports, reinforces, and expands students' knowledge of their own tongue. Spanish for Native Speakers courses move faster than do traditional Spanish foreign language courses and emphasize expansion of academic language, development of literacy skills, and exploration of culture and history of Spanish speaking people and nations of the world.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-SPANISH

0604

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 236</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>WORLD LANGUAGE</b>
-----------------------

**SPANISH FOR NATIVE SPEAKERS II**

Short Name

**SPAN NS II**

Course Code

**060250**

This course builds upon the content explored in Spanish for Native Speakers I. This two semester course continues to support, reinforce, and expand students' knowledge of their own tongue. Spanish for Native Speakers courses move faster than do traditional Spanish foreign language courses and emphasize expansion of academic language, development of literacy skills, and exploration of culture and history of Spanish speaking people and nations of the world.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-SPANISH

0604

**WORLD LANGUAGE JAPANESE I**

Short Name

**JAPANESE I**

Course Code

**060251**

This beginning course includes the study of speaking, listening, reading, writing, and culture of the people. Students will be able to understand familiar words and very basic phrases concerning themselves, their family and immediate surroundings when people speak slowly and clearly. They will be able to understand familiar names, words, and very simple sentences and ask and answer simple questions in the areas of immediate need or on very familiar topics. Students will be able to use and write simple phrases and sentences to describe situations. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

MIDDLE GR/WORLD LANGUAGE

1814

WORLD LANGUAGE-JAPANESE

0607

**WORLD LANGUAGE JAPANESE II**

Short Name

**JAPANESEII**

Course Code

**060252**

This course enables student to understand phrases and commonly used vocabulary related to areas of personal relevance and recognize the main point in short, clear, simple messages and announcements. Students will be able to read very short, simple texts and find specific, predictable information in simple everyday materials. Student can communicate in simple and routine tasks requiring a direct exchange of information on familiar topics and activities. They will be able to handle very short social exchanges and use a series of phrases and sentences to describe in simple terms their family and other people. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-JAPANESE

0607

**WORLD LANGUAGE**

**ADVANCED PLACEMENT JAPANESE LANGUAGE AND CULTURE**

Short Name  
**APJAPANESE**

Course Code  
**060253**

The AP Japanese Language and Culture course is designed to be comparable to college/university Japanese courses that represent the point at which students complete approximately 300 hours of college-level classroom instruction. Like the corresponding college courses, the AP course supports students as they develop the productive, receptive, and cultural skills necessary to communicate with native speakers of Japanese. Students' proficiency levels at the end of the course are expected to reach at least the Intermediate Low to Intermediate Mid range, as described in the American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: [www.collegeboard.com](http://www.collegeboard.com).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORLD LANGUAGE-JAPANESE	0607

**WORLD LANGUAGE JAPANESE III**

Short Name  
**JAPAN III**

Course Code  
**060254**

This course enables students to understand main points in a conversation on familiar matters regularly encountered in work, school, leisure, etc. Students will be able to understand the main point of radio or TV programs on current affairs or topics of interest when the delivery is relatively slow and clear and understand texts that consist mainly of everyday language. They can understand the description of events, feelings and wishes in personal letters and deal with basic situations likely to arise when traveling in an area where the language is spoken. Students are able to enter into conversations on topics that are familiar and connect phrases in order to describe experiences and events. Students will be able to write simple connected text and letters on topics, which are familiar, or of personal interest. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORLD LANGUAGE-JAPANESE	0607

**ADVANCED PLACEMENT SPANISH LITERATURE AND CULTURE**

Short Name  
**AP SPANLIT**

Course Code  
**060255**

Designed by the College Board to parallel college-level Introduction to Hispanic Literature courses, AP Spanish Literature courses cover representative works from the literatures of Spain and Spanish America, encompassing all genres. The courses build students' Spanish language proficiency so that they are able to read and understand moderately difficult prose and express critical opinions and literary analyses in oral and written Spanish (an ability equivalent to having completed a third-year college-level Spanish Language course).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORLD LANGUAGE-SPANISH	0604

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 238</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>WORLD LANGUAGE</b>
-----------------------

**WORLD LANGUAGE RUSSIAN I**

Short Name

**RUSSIAN I**

Course Code

**060261**

This beginning course includes the study of speaking, listening, reading, writing, and culture of the people. Students will be able to understand familiar words and very basic phrases concerning themselves, their family and immediate surroundings when people speak slowly and clearly. They will be able to understand familiar names, words, and very simple sentences and ask and answer simple questions in the areas of immediate need or on very familiar topics. Students will be able to use and write simple phrases and sentences to describe situations. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MIDDLE GR/WORLD LANGUAGE	1814
WORLD LANGUAGE-RUSSIAN	0606

**WORLD LANGUAGE RUSSIAN II**

Short Name

**RUSSIAN II**

Course Code

**060262**

This course enables student to understand phrases and commonly used vocabulary related to areas of personal relevance and recognize the main point in short, clear, simple messages and announcements. Students will be able to read very short, simple texts and find specific, predictable information in simple everyday materials. Student can communicate in simple and routine tasks requiring a direct exchange of information on familiar topics and activities. They will be able to handle very short social exchanges and use a series of phrases and sentences to describe in simple terms their family and other people. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORLD LANGUAGE-RUSSIAN	0606

**WORLD LANGUAGE CHINESE I**

Short Name

**CHINESE I**

Course Code

**060271**

This beginning course includes the study of speaking, listening, reading, writing, and culture of the people. Students will be able to understand familiar words and very basic phrases concerning themselves, their family and immediate surroundings when people speak slowly and clearly. They will be able to understand familiar names, words, and very simple sentences and ask and answer simple questions in the areas of immediate need or on very familiar topics. Students will be able to use and write simple phrases and sentences to describe situations. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MIDDLE GR/WORLD LANGUAGE	1814
WORLD LANGUAGE-CHINESE	0608

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 239</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>WORLD LANGUAGE</b>
-----------------------

**WORLD LANGUAGE CHINESE II**

Short Name

**CHINESE II**

Course Code

**060272**

This course enables student to understand phrases and commonly used vocabulary related to areas of personal relevance and recognize the main point in short, clear, simple messages and announcements. Students will be able to read very short, simple texts and find specific, predictable information in simple everyday materials. Student can communicate in simple and routine tasks requiring a direct exchange of information on familiar topics and activities. They will be able to handle very short social exchanges and use a series of phrases and sentences to describe in simple terms their family and other people. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-CHINESE

0608

**WORLD LANGUAGE CHINESE III**

Short Name

**CHINESEIII**

Course Code

**060273**

This course enables students to understand main points in a conversation on familiar matters regularly encountered in work, school, leisure, etc. Students will be able to understand the main point of radio or TV programs on current affairs or topics of interest when the delivery is relatively slow and clear and understand texts that consist mainly of everyday language. They can understand the description of events, feelings and wishes in personal letters and deal with basic situations likely to arise when traveling in an area where the language is spoken. Students are able to enter into conversations on topics that are familiar and connect phrases in order to describe experiences and events. Students will be able to write simple connected text and letters on topics, which are familiar, or of personal interest. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-CHINESE

0608

**WORLD LANGUAGE CHINESE IV**

Short Name

**CHINESE IV**

Course Code

**060274**

This course enables students to understand extended conversations provided the topic is reasonably familiar, some TV news, current affairs programs, and films in standard language. Students will be able to read articles and literary prose in which the writers adopt particular attitudes or viewpoints. Students can interact with a degree of competency and take an active part in discussion in familiar contexts. Students will be able to present clear, detailed descriptions and write clear, detailed texts on subjects related to their interests. Students can write text that conveys information and letters highlighting the personal significance of events and experiences. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-CHINESE

0608

<b>WORLD LANGUAGE</b>
-----------------------

**WORLD LANGUAGE CHINESE V**

Short Name

**CHINESE V**

Course Code

**060275**

This course enables students to more clearly understand extended speech and follow more complex lines of conversations on a variety of topics. Students will be able to understand the majority of television programs and films with standard language. They can understand longer and more complex factual and literary texts. Students will be able to express themselves more fluently and spontaneously, use language flexibly and effectively for social and professional purposes, and formulate ideas and opinions. Students can present clear, detailed descriptions of a variety of subjects developing particular points and formulating an appropriate conclusion. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-CHINESE

0608

**ADVANCED PLACEMENT CHINESE LANGUAGE AND CULTURE**

Short Name

**AP CHINESE**

Course Code

**060276**

This Chinese course prepares students to take the Baccalaureate Language B exams at either the Subsidiary or Higher level. These courses focus on improving students' accuracy and fluency in oral and written communication (usually in the students' "second" language). Students preparing to take the Subsidiary level exam will be able to understand native speakers; students preparing for the Higher level exam will be able to communicate fluently at native speed.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-CHINESE

0608

**MIDDLE SCHOOL EXPLORATORY FRENCH**

Short Name

**MS FRENCH**

Course Code

**062021**

Middle School/Junior High Exploratory World Language gives students a positive language experience that will enhance their secondary school language learning and put them on the path to fluency. There is usually more emphasis on culture and learning vocabulary in context and little emphasis on grammatical components. Students develop skills in written and oral communication. Students study the aspects of the target culture, such as art, music, and daily life, and learn to compare their native culture with the culture of the target language. Exploratory courses do not qualify for high school credit.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

WORLD LANGUAGE-FRENCH

0601



<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 241</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

**WORLD LANGUAGE**

**MIDDLE SCHOOL EXPLORATORY SPANISH**

<u>Short Name</u>	<u>Course Code</u>
<b>MSSPANISH</b>	<b>062041</b>

Middle School/Junior High Exploratory World Language gives students a positive language experience that will enhance their secondary school language learning and put them on the path to fluency. There is usually more emphasis on culture and learning vocabulary in context and little emphasis on grammatical components. Students develop skills in written and oral communication. Students study the aspects of the target culture, such as art, music, and daily life, and learn to compare their native culture with the culture of the target language. Exploratory courses do not qualify for high school credit.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORLD LANGUAGE-SPANISH	0604

**MIDDLE SCHOOL WORLD LANGUAGE EXPLORATORY - OTHER**

<u>Short Name</u>	<u>Course Code</u>
<b>MS EXP OTH</b>	<b>062091</b>

MIDDLE SCHOOL EXPLORATORY WORLD LANGUAGE COURSES NOT OTHERWISE LISTED OR CLASSIFIED (i.e. SPANISH AND FRENCH).

Middle School/Junior High Exploratory World Language gives students a positive language experience that will enhance their secondary school language learning and put them on the path to fluency. There is usually more emphasis on culture and learning vocabulary in context and little emphasis on grammatical components. Students develop skills in written and oral communication. Students study the aspects of the target culture, such as art, music, and daily life, and learn to compare their native culture with the culture of the target language. Exploratory courses do not qualify for high school credit.

Recommended Level: Grades 6-8

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORLD LANGUAGE	0699
WORLD LANGUAGE-CHINESE	0608
WORLD LANGUAGE-GERMAN	0602
WORLD LANGUAGE-ITALIAN	0610
WORLD LANGUAGE-JAPANESE	0607
WORLD LANGUAGE-KOREAN	0611
WORLD LANGUAGE-LATIN	0603
WORLD LANGUAGE-RUSSIAN	0606

**WORLD LANGUAGE**

**AMERICAN SIGN LANGUAGE I**

Short Name

Course Code

**AM SIGN I**

**064100**

This beginning course includes American Sign Language (ASL) instruction and Deaf culture awareness components. Students will be able to understand and interpret basic American Sign Language on a variety of everyday, school and family topics. They will be able to follow and give simple directions and instructions, exchange essential information and negotiate the signing environment using a few polite behaviors and basic nonmanual cues in very limited situations. This course should help students begin to develop cultural understanding and demonstrate practices appropriate to the culture in which ASL is used.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORLD LANGUAGE-ASL	0612
WORLD LANGUAGE-ASL SUPP	0613

**AMERICAN SIGN LANGUAGE II**

Short Name

Course Code

**AM SIGN II**

**064101**

This course enables students to express and comprehend basic information while interacting in ASL. Students will be able to engage in conversations, express feelings and emotions, and exchange opinions on personal and school experiences. Using ASL students can ask and respond to familiar questions for clarification. They will be able to interact in groups to develop and propose solutions to issues and problems related to the school or community. This course should help students understand basic cultural practices of Deaf culture and begin to use a few simple cultural practices and customs.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORLD LANGUAGE-ASL	0612
WORLD LANGUAGE-ASL SUPP	0613

**AMERICAN SIGN LANGUAGE III**

Short Name

Course Code

**AM SIGNIII**

**064102**

This course enables students to understand main points in a conversation on familiar topics about school, leisure, work, etc. Students will be able to exchange, support, and discuss their opinions and individual perspectives on a variety of familiar topics. Using ASL they will be able to discuss current or past events that are significant in the Deaf culture or being studied in another subject. Students can compare basic similarities and differences between Deaf culture and other cultures. This course should help students demonstrate cultural understanding of practices, products, and perspectives appropriate to the culture in which ASL is used.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORLD LANGUAGE-ASL	0612
WORLD LANGUAGE-ASL SUPP	0613

**WORLD LANGUAGE**

**AMERICAN SIGN LANGUAGE IV**

Short Name

Course Code

**AM SIGN IV**

**064103**

This course enables students to understand extended conversations, provided the topic is familiar. Students will be able to understand and interpret American Sign Language in a variety of real-life situations on everyday topics. They will be able to comprehend main ideas and some supporting details from simple announcements, narratives, and conversations in familiar situations on everyday topics. Students can actively participate in American Sign Language related events in schools and communities by using ASL. This course should help students demonstrate understanding of the nature of ASL and its culture through comparisons of their own language and culture.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORLD LANGUAGE-ASL	0612
WORLD LANGUAGE-ASL SUPP	0613

**WORLD LANGUAGE, OTHER**

Short Name

Course Code

**F LANG OTH**

**069930**

Foreign language courses not otherwise listed or classifiable.

Using codes 069930 through 069934 means you can add five "other" courses by using one code for each one of the five courses.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BILINGUAL EDUCATION	0609
ENGLISH AS 2ND LANG	0605
MIDDLE GR/WORLD LANGUAGE	1814
WORLD LANGUAGE	0699
WORLD LANGUAGE-ASL	0612
WORLD LANGUAGE-ASL SUPP	0613
WORLD LANGUAGE-CHINESE	0608
WORLD LANGUAGE-FRENCH	0601
WORLD LANGUAGE-GERMAN	0602
WORLD LANGUAGE-ITALIAN	0610
WORLD LANGUAGE-JAPANESE	0607
WORLD LANGUAGE-KOREAN	0611
WORLD LANGUAGE-LATIN	0603
WORLD LANGUAGE-RUSSIAN	0606
WORLD LANGUAGE-SPANISH	0604

**WORLD LANGUAGE**

**WORLD LANGUAGE, OTHER**

Short Name  
**F LANG OTH**

Course Code  
**069931**

Foreign language courses not otherwise listed or classifiable.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BILINGUAL EDUCATION	0609
ENGLISH AS 2ND LANG	0605
MIDDLE GR/WORLD LANGUAGE	1814
WORLD LANGUAGE	0699
WORLD LANGUAGE-ASL	0612
WORLD LANGUAGE-ASL SUPP	0613
WORLD LANGUAGE-CHINESE	0608
WORLD LANGUAGE-FRENCH	0601
WORLD LANGUAGE-GERMAN	0602
WORLD LANGUAGE-ITALIAN	0610
WORLD LANGUAGE-JAPANESE	0607
WORLD LANGUAGE-KOREAN	0611
WORLD LANGUAGE-LATIN	0603
WORLD LANGUAGE-RUSSIAN	0606
WORLD LANGUAGE-SPANISH	0604

**WORLD LANGUAGE**

**WORLD LANGUAGE, OTHER**

Short Name  
**F LANG OTH**

Course Code  
**069932**

Foreign language courses not otherwise listed or classifiable.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BILINGUAL EDUCATION	0609
ENGLISH AS 2ND LANG	0605
MIDDLE GR/WORLD LANGUAGE	1814
WORLD LANGUAGE	0699
WORLD LANGUAGE-ASL	0612
WORLD LANGUAGE-ASL SUPP	0613
WORLD LANGUAGE-CHINESE	0608
WORLD LANGUAGE-FRENCH	0601
WORLD LANGUAGE-GERMAN	0602
WORLD LANGUAGE-ITALIAN	0610
WORLD LANGUAGE-JAPANESE	0607
WORLD LANGUAGE-KOREAN	0611
WORLD LANGUAGE-LATIN	0603
WORLD LANGUAGE-RUSSIAN	0606
WORLD LANGUAGE-SPANISH	0604

**WORLD LANGUAGE**

**WORLD LANGUAGE, OTHER**

Short Name  
**F LANG OTH**

Course Code  
**069933**

Foreign language courses not otherwise listed or classifiable.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BILINGUAL EDUCATION	0609
ENGLISH AS 2ND LANG	0605
MIDDLE GR/WORLD LANGUAGE	1814
WORLD LANGUAGE	0699
WORLD LANGUAGE-ASL	0612
WORLD LANGUAGE-ASL SUPP	0613
WORLD LANGUAGE-CHINESE	0608
WORLD LANGUAGE-FRENCH	0601
WORLD LANGUAGE-GERMAN	0602
WORLD LANGUAGE-ITALIAN	0610
WORLD LANGUAGE-JAPANESE	0607
WORLD LANGUAGE-KOREAN	0611
WORLD LANGUAGE-LATIN	0603
WORLD LANGUAGE-RUSSIAN	0606
WORLD LANGUAGE-SPANISH	0604

**WORLD LANGUAGE**

**WORLD LANGUAGE, OTHER**

Short Name  
**F LANG OTH**

Course Code  
**069934**

Foreign language courses not otherwise listed or classifiable.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BILINGUAL EDUCATION	0609
ENGLISH AS 2ND LANG	0605
MIDDLE GR/WORLD LANGUAGE	1814
WORLD LANGUAGE	0699
WORLD LANGUAGE-ASL	0612
WORLD LANGUAGE-ASL SUPP	0613
WORLD LANGUAGE-CHINESE	0608
WORLD LANGUAGE-FRENCH	0601
WORLD LANGUAGE-GERMAN	0602
WORLD LANGUAGE-ITALIAN	0610
WORLD LANGUAGE-JAPANESE	0607
WORLD LANGUAGE-KOREAN	0611
WORLD LANGUAGE-LATIN	0603
WORLD LANGUAGE-RUSSIAN	0606
WORLD LANGUAGE-SPANISH	0604

<b>TITLE I CURRICULUM</b>
---------------------------

**TITLE I READING**

Short Name

Course Code

**TI I READ**

**250101**

Most staff teaching Title I courses will be coded as Teacher-Collaborator (position assignment code 1180). These staff will not be included in the Student Grades Template for their Title I assignment. These Title I courses and endorsements are guidance for school districts when assigning staff to work in Title I Programs. Similar to Reading (050102) except that the class is conducted under the auspices of Title I requirements and is supplemental in nature.

This code should be used only for classes operating under the auspices of Title I.

ELEMENTARY endorsement clears this course regardless of the level of the endorsement or the grade at which the course is taught.

MIDDLE GRADES endorsement clears this course for grades 4 - 12.

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
MIDDLE LEVEL	1803
READ AND WRITING	0511
READ AND WRITING	0521
READING SPECIALIST	0508
SPECIAL EDUCATION	1913
SPED EARLY CHLDHOOD	1916
SPED INCLUSION/COLLAB SPC SUBJ	1906

---



<b>TITLE I CURRICULUM</b>
---------------------------

**TITLE I MATHEMATICS**

Short Name

Course Code

**TI I MATH**

**250102**

Most staff teaching Title I courses will be coded as Teacher-Collaborator (position assignment code 1180). These staff will not be included in the Student Grades Template for their Title I assignment. These Title I courses and endorsements are guidance for school districts when assigning staff to work in Title I Programs. Similar to Arithmetic (110201) except that the class is conducted under the auspices of Title I requirements and is supplemental in nature.

This code should be used only for classes operating under the auspices of Title I.

ELEMENTARY endorsement clears this course regardless of the level of the endorsement or the grade at which the course is taught.

MIDDLE GRADES endorsement clears this course for grades 4 - 12.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818
MIDDLE LEVEL	1803
SPECIAL EDUCATION	1913
SPED EARLY CHLDHOOD	1916
SPED INCLUSION/COLLAB SPC SUBJ	1906

**TITLE I EXTENDED KINDERGARTEN**

Short Name

Course Code

**TI I EXKDG**

**250103**

Most staff teaching Title I courses will be coded as Teacher-Collaborator (position assignment code 1180). These staff will not be included in the Student Grades Template for their Title I assignment. These Title I courses and endorsements are guidance for school districts when assigning staff to work in Title I Programs.

A supplemental program which precedes the more formal instructional program in the elementary grades. The Title I kindergarten program may provide a background of supplemental concrete experiences in the basic skills.

This code should be used only for classes operating under the auspices of Title I.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
SPED EARLY CHLDHOOD	1916

<b>TITLE I CURRICULUM</b>
---------------------------

**TITLE I LANGUAGE ARTS**

<u>Short Name</u>	<u>Course Code</u>
<b>TI I LANG</b>	<b>250104</b>

Most staff teaching Title I courses will be coded as Teacher-Collaborator (position assignment code 1180). These staff will not be included in the Student Grades Template for their Title I assignment. These Title I courses and endorsements are guidance for school districts when assigning staff to work in Title I Programs. Similar to Language Arts (050001) except that the class is conducted under the auspices of Title I requirements and is supplemental in nature.

This code should be used only for classes operating under the auspices of Title I.

ELEMENTARY and READING endorsements clears this course regardless of the level of the endorsement or the grade at which the course is taught.

MIDDLE GRADES endorsement clears this course for grades 4 - 12.

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
MIDDLE LEVEL	1803
READ AND WRITING	0511
READ AND WRITING	0521
READING SPECIALIST	0508
SPECIAL EDUCATION	1913
SPED EARLY CHLDHOOD	1916
SPED INCLUSION/COLLAB SPC SUBJ	1906

**TITLE I PREKINDERGARTEN**

<u>Short Name</u>	<u>Course Code</u>
<b>TI I PK</b>	<b>250105</b>

Most staff teaching Title I courses will be coded as Teacher-Collaborator (position assignment code 1180). These staff will not be included in the Student Grades Template for their Title I assignment. These Title I courses and endorsements are guidance for school districts when assigning staff to work in Title I Programs.

An early childhood program (for eligible children) which precedes kindergarten. The Title I prekindergarten program provides a background of developmentally appropriate experiences to assist children in their language and concept development. Parental involvement is a key aspect of such programs for young children.

This code should be used only for classes operated under the auspices of Title I.

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
SPED EARLY CHLDHOOD	1916

<b>MISCELLANEOUS CURRICULUM</b>
---------------------------------

**JROTC (Junior Reserve Officers Training Corp)**

<u>Short Name</u>	<u>Course Code</u>
<b>JROTC</b>	<b>230101</b>

The purpose of JROTC is "to instill in students in [United States] middle and secondary educational institutions the values of citizenship, service to the United States, and personal responsibility and a sense of accomplishment". Additional objectives are established by the service departments of the Department of Defense. Under 542.4 of Title 32 (National Defense) of the Code of Federal Regulations, the objectives for each grade are: \*Developing good citizenship and patriotism, \*Developing self-reliance, leadership, and responsiveness to constituted authority, \*Improving the ability to communicate well both orally and in writing, \*Developing an appreciation of the importance of physical fitness, \*Increasing a respect for the role of the U.S. Armed Forces in support of national objectives, \*Developing knowledge of team building skills and basic military skills. JROTC follows a prescribed curriculum that helps cadets develop life-long leadership and decision making. The curriculum supports the school's mission and mandates by integrating technology, linking content to state standards, integrating reading and writing, and providing character and financial education.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ROTC	2200

**STUDENT AIDE**

<u>Short Name</u>	<u>Course Code</u>
<b>STUDNTAIDE</b>	<b>230800</b>

The Student Aide program is offered for students who are working in certain areas of the school operation; for example, office worker, library assistant, or teacher assistant.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
Other Endorsement	8888

**ADVANCED PLACEMENT SEMINAR**

<u>Short Name</u>	<u>Course Code</u>
<b>APSEMINAR</b>	<b>230801</b>

This rigorous college level course provides students the opportunity to research a real world problem and look at the problem through a variety of lenses. Students will explore the problem through multiple lenses and make connections to their own lives. A primary goal is for students to understand the complexity of a topic by examining a variety of and divergent or competing perspectives. Instructors shall encourage students to approach a topic from these viewpoints: culture and social, artistic and philosophical, political and historical, environmental, economic and scientific.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on the website: [www.collegeboard.com](http://www.collegeboard.com).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
OTHER ENDORSEMENT	8888

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 252</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>MISCELLANEOUS CURRICULUM</b>
---------------------------------

**ADVANCED PLACEMENT RESEARCH**

<u>Short Name</u>	<u>Course Code</u>
<b>APRESEARCH</b>	<b>230802</b>

This rigorous college level course allows students to design, plan and conduct research on a topic of their interest. The project is a year in length and the students are required to demonstrate they are capable of researching current real-world concepts. Students are expected to explore novel ideas or approaches to complex issues; access information using effective strategies; evaluating the relevance and credibility of information as well as demonstrating perseverance, goal setting, managing time, and working independently.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on the website: [www.collegeboard.com](http://www.collegeboard.com).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
OTHER ENDORSEMENT	8888

**STUDY HALL**

<u>Short Name</u>	<u>Course Code</u>
<b>STUDY HALL</b>	<b>230803</b>

Study Hall courses provide students with the opportunity and time to complete classroom assignments or school projects. Students typically work on their own, without the help of a tutor; however, they are supervised and usually remain in the classroom. Reporting this course is optional.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
OTHER ENDORSEMENT	8888

**HIGH ABILITY EDUCATION****HIGH ABILITY EDUCATION**Short Name**HIGH AB ED**Course Code**300100**

Subject matter and experiences designed for individuals identified by professionally qualified personnel as being capable of high performance in one or more areas of special competence. Among these areas of special competence are creativity, leadership ability, social adeptness, and training in fine arts education.

*Clearing Endorsement - - Endorsement Level must be in accord with student grade level:*

Endorsement NameEndorsement Number

OTHER ENDORSEMENT

8888

<b>ENGLISH AS A SECOND LANGUAGE</b>
-------------------------------------

**ENGLISH AS A SECOND LANGUAGE**

Short Name

Course Code

**ESL**

**310010**

A special course designed to teach the English language to non-or limited English speaking students. The goals of ESL instruction are: 1) to provide students with the English language skills appropriate to their grade level as rapidly as possible; 2) to orient students to the culture patterns of American life so they can participate fully in the classroom, the school, and the community; 3) to develop students' awareness of cultural diversity and to encourage pride in their own bilingualism and biculturalism; and 4) to enable students to make as much progress in their academic subjects as English speaking students make by providing them with supplementary materials, instruction, and tutoring in their primary language.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

Other Endorsement

8888

**ESL OR DUAL LANGUAGE ARTS-ELEMENTARY**

Short Name

Course Code

**ESL LAN E**

**310050**

A special course designed to provide students who are learning the English language with subject matter knowledge reflecting the Nebraska State Standards in the area of language arts, including the full range of language experiences i.e., oral, listening, reading and writing skills. This course is designed for students whose instructional level is at the elementary level (grades K-8).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

Endorsement Name

Endorsement Number

EARLY CHILD INCLUSIVE

1804

EARLY CHILDHOOD EDUCATION

1802

EARLY CHILDHOOD EDUCATION

1830

ELEMENTARY

1801

MIDDLE LEVEL

1803

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 255</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

**ENGLISH AS A SECOND LANGUAGE**

**ESL OR DUAL LANGUAGE ARTS-SECONDARY**

Short Name

Course Code

**ESL LAN S**

**310051**

A special course designed to provide students who are learning the English language with subject matter knowledge reflecting the Nebraska State Standards in the area of language arts, including the full range of language experiences i.e., oral, listening, reading and writing skills. This course is designed for students whose instructional level is at the secondary level (grades 9-12).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
MIDDLE LEVEL	1803

**BILINGUAL/ENGLISH AS A DUAL LANGUAGE**

Short Name

Course Code

**ESL DUAL**

**310101**

A special course that makes instructional use of both English and the students' native language to enable the student to develop and attain English proficiency and earn academic content credit.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
Other Endorsement	8888

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 256</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

**ENGLISH AS A SECOND LANGUAGE**

<b>ESL OR DUAL LANGUAGE MATHEMATICS-ELEMENTARY</b>	<u>Short Name</u> <b>ESL MATH E</b>	<u>Course Code</u> <b>310110</b>
--	--	-------------------------------------

A special course designed to provide students who are learning the English language with subject matter knowledge reflecting the Nebraska State Standards in mathematics. This course is designed for students whose instructional level is at the elementary level (grades K-8).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
MIDDLE GR/MATHEMATICS	1818
MIDDLE LEVEL	1803

<b>ESL OR DUAL LANGUAGE MATHEMATICS-SECONDARY</b>	<u>Short Name</u> <b>ESL MATH S</b>	<u>Course Code</u> <b>310111</b>
---	--	-------------------------------------

A special course designed to provide students who are learning the English language with subject matter knowledge reflecting the Nebraska State Standards in mathematics for students whose instructional level is grades 9-12.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818
MIDDLE LEVEL	1803



<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 257</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>ENGLISH AS A SECOND LANGUAGE</b>
-------------------------------------

<b>ESL OR DUAL LANGUAGE SCIENCE-ELEMENTARY</b>	<u>Short Name</u> <b>ESL SCI E</b>	<u>Course Code</u> <b>310130</b>
--	---------------------------------------	-------------------------------------

A special course designed to provide students who are learning the English language with subject matter knowledge reflecting the Nebraska State Standards in science for students whose instructional level is at the elementary level (grades K-8).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
MIDDLE GR/NATURAL SCIENCES	1819
MIDDLE LEVEL	1803

<b>ESL OR DUAL LANGUAGE SCIENCE-SECONDARY</b>	<u>Short Name</u> <b>ESL SCI S</b>	<u>Course Code</u> <b>310131</b>
---	---------------------------------------	-------------------------------------

A special course designed to provide students who are learning the English language with subject matter knowledge reflecting the Nebraska State Standards in science for students whose instructional level is at the secondary level (grades 9-12).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
MIDDLE GR/NATURAL SCIENCES	1819
MIDDLE LEVEL	1803
PHYSICS	1308
SCIENCE	1301

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 258</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>ENGLISH AS A SECOND LANGUAGE</b>
-------------------------------------

<b>ESL OR DUAL LANGUAGE SOCIAL STUDIES-ELEMENTARY</b>	<u>Short Name</u> <b>ESL SOC E</b>	<u>Course Code</u> <b>310150</b>
---	---------------------------------------	-------------------------------------

A special course designed to provide students who are learning the English language with subject matter knowledge reflecting the Nebraska State Standards in social studies for students whose instructional level is at the elementary level (grades K-8).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
MIDDLE GR/SOCIAL SCIENCE	1820
MIDDLE LEVEL	1803

<b>ESL OR DUAL LANGUAGE SOCIAL STUDIES-SECONDARY</b>	<u>Short Name</u> <b>ESL SOC S</b>	<u>Course Code</u> <b>310151</b>
--	---------------------------------------	-------------------------------------

A special course designed to provide students who are learning the English language with subject matter knowledge reflecting the Nebraska State Standards in social studies for students whose instructional level is at the secondary level (grades 9-12).

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ANTHROPOLOGY	1502
ECONOMICS	1503
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
MIDDLE LEVEL	1803
POLITICAL SCIENCE	1507
PSYCHOLOGY	1508
SOCIAL SCIENCE	1501
SOCIOLOGY	1509

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 259</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>SUPPLEMENTAL CURRICULUM</b>
--------------------------------

**SUPPLEMENTAL READING**

Short Name

Course Code

**SUPP READ**

**290101**

Similar to Title I Reading (250101) except that the class is locally funded and the class is designed to meet the special needs of educationally disadvantaged children. The children must receive services of the same nature and scope as those provided under Title I.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
MIDDLE LEVEL	1803
READ AND WRITING	0511
READ AND WRITING	0521
READING SPECIALIST	0508
SECONDARY ENGLISH	0512
SPECIAL EDUCATION	1913
SPED EARLY CHLDHOOD	1916
SPED INCLUSION/COLLAB SPC SUBJ	1906

---

**SUPPLEMENTAL CURRICULUM**

**SUPPLEMENTAL MATHEMATICS**

Short Name

Course Code

**SUPP MATH**

**290102**

Similar to Title I Mathematics (250102) except that the class is locally funded and the class is designed to meet with special needs of educationally disadvantaged children. The children must receive services of the same nature and scope as those provided under Title I.

***Clearing Endorsement - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818
MIDDLE LEVEL	1803
SPECIAL EDUCATION	1913
SPED EARLY CHLDHOOD	1916
SPED INCLUSION/COLLAB SPC SUBJ	1906

**SPECIAL EDUCATION**

**SPECIAL EDUCATION ART-K-12 (PAC 1161)**

Short Name

Course Code

**SE ART**

**190215**

\*\* NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1161\*\*

RESPONSIBLE FOR INSTRUCTION OF SPECIAL EDUCATION ELEMENTARY AND/OR SECONDARY STUDENTS AND SERVE AS TEACHERS WHO ARE SOLELY RESPONSIBLE FOR DELIVERING ACADEMIC CONTENT AND ASSIGNING GRADE(S). THE STUDENTS PARTICIPATE IN A MODIFICATION OF GENERAL CURRICULUM AT AN INSTRUCTIONAL LEVEL BELOW THEIR GENERAL EDUCATION PEERS.

A special course designed to provide subject matter and experiences for students with disabilities in the areas of art processes, media and appreciation. It may include experiences in two or three-dimensional work, or new and emerging media. This course code is to be used for all art classes modified and designed specifically for students with disabilities and is appropriate regardless of grade level (K-12). Report actual grade level for "grade taught" code.,

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
ELEMENTARY	1801
GENERAL ART	0201
MIDDLE GR/ART	1811
MIDDLE LEVEL	1803

**SPECIAL EDUCATION ART-(PAC 1162)**

Short Name

Course Code

**SEART AL**

**190230**

\*\* NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1162\*\*

RESPONSIBLE FOR TEACHING SPECIAL EDUCATION STUDENTS WITH THE MOST SIGNIFICANT COGNITIVE DISABILITIES, THOSE STUDENTS WHO PARTICIPATE IN A FUNCTIONAL, LIFE-SKILLS CURRICULUM. STUDENTS PARTICIPATE IN THE SPECIAL EDUCATION ALTERNATE ASSESSMENT BASED ON SPECIAL EDUCATION ALTERNATE STANDARDS.

A special course designed to provide students with significant cognitive disabilities subject matter and experiences in the areas of art processes, media and appreciation. It may include experiences in two or three dimensional work, or new and emerging media. This course is designed for elementary and/or secondary students whose instructional level does not exceed 8th grade. Report actual grade level for "grade taught" code,

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ART	0200
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
GENERAL ART	0201
MIDDLE GR/ART	1811
MIDDLE LEVEL	1803

**SPECIAL EDUCATION**

**SPECIAL EDUCATION LANGUAGE ARTS -K-12 (PAC1161)**

Short Name

Course Code

**SE LNG**

**190515**

\*\* NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1161\*\*

RESPONSIBLE FOR INSTRUCTION OF SPECIAL EDUCATION ELEMENTARY AND/OR SECONDARY STUDENTS AND SERVE AS TEACHERS WHO ARE SOLELY RESPONSIBLE FOR DELIVERING ACADEMIC CONTENT AND ASSIGNING GRADE(S). THE STUDENTS PARTICIPATE IN A MODIFICATION OF GENERAL CURRICULUM AT AN INSTRUCTIONAL LEVEL BELOW THEIR GENERAL EDUCATION PEERS.

A special course designed to provide students with disabilities subject matter and experience in the area of language arts, including the full range of language experiences i.e. reading, writing, speaking and listening skills for students with disabilities. This course code is to be used for all language arts classes modified and designed specifically for students with disabilities and is appropriate regardless of grade level (K-12). Report actual grade level for "grade taught" code,

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ELEMENTARY	1801
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
MIDDLE LEVEL	1803
READ AND WRITING	0511
READ AND WRITING	0521
READING SPECIALIST	0508

**SPECIAL EDUCATION LANGUAGE ARTS-(PAC 1162)**

Short Name

Course Code

**SE LNG AL**

**190530**

\*\* NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1162\*\*

RESPONSIBLE FOR TEACHING SPECIAL EDUCATION STUDENTS WITH THE MOST SIGNIFICANT COGNITIVE DISABILITIES, THOSE STUDENTS WHO PARTICIPATE IN A FUNCTIONAL, LIFE-SKILLS CURRICULUM. STUDENTS PARTICIPATE IN THE SPECIAL EDUCATION ALTERNATE ASSESSMENT BASED ON SPECIAL EDUCATION ALTERNATE STANDARDS.

A special course designed to provide students with significant cognitive disabilities subject matter and experience in the area of language arts, including the full range of language experiences i.e. oral, listening, reading and writing skills. This course is designed for elementary and/or secondary students whose instructional level does not exceed 8th grade. Report actual grade level for "grade taught" code.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
MIDDLE LEVEL	1803
READ AND WRITING	0511
READ AND WRITING	0521
READING SPECIALIST	0508

**SPECIAL EDUCATION**

**SPECIAL EDUCATION MATHEMATICS-K-12 (PAC 1161)**

Short Name

Course Code

**SE MATH**

**191115**

\*\* NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1161\*\*

RESPONSIBLE FOR INSTRUCTION OF SPECIAL EDUCATION ELEMENTARY AND/OR SECONDARY STUDENTS AND SERVE AS TEACHERS WHO ARE SOLELY RESPONSIBLE FOR DELIVERING ACADEMIC CONTENT AND ASSIGNING GRADE(S). THE STUDENTS PARTICIPATE IN A MODIFICATION OF GENERAL CURRICULUM AT AN INSTRUCTIONAL LEVEL BELOW THEIR GENERAL EDUCATION PEERS.

A special course designed to provide the skills and understanding associated with number processes and developing mathematical skills for students with disabilities. Students have the opportunity to apply the math concepts to personal finance, business and money management situations. This course is to be used for all math classes modified and designed for students with disabilities and is appropriate regardless of grade level (K-12). Report actual grade level for "grade taught" code.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ELEMENTARY	1801
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818
MIDDLE LEVEL	1803

**SPECIAL EDUCATION MATHEMATICS - (PAC 1162)**

Short Name

Course Code

**SE MATH AL**

**191130**

\*\* NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1162\*\*

RESPONSIBLE FOR TEACHING SPECIAL EDUCATION STUDENTS WITH THE MOST SIGNIFICANT COGNITIVE DISABILITIES, THOSE STUDENTS WHO PARTICIPATE IN A FUNCTIONAL, LIFE-SKILLS CURRICULUM. STUDENTS PARTICIPATE IN THE SPECIAL EDUCATION ALTERNATE ASSESSMENT BASED ON SPECIAL EDUCATION ALTERNATE STANDARDS.

A special course designed to provide students with significant cognitive disabilities the skills and habits associated with understanding number processes and developing basic mathematical skills. Students have the opportunity to apply the math concepts to money management situations. This course is designed for elementary and/or secondary students whose instructional level does not exceed 8th grade. Report actual grade level for "grade taught" code.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818
MIDDLE LEVEL	1803

<b>SPECIAL EDUCATION</b>
--------------------------

**SPECIAL EDUCATION MUSIC-K-12 (PAC 1161)**

Short Name

Course Code

**SE MUS**

**191215**

\*\* NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1161\*\*

RESPONSIBLE FOR INSTRUCTION OF SPECIAL EDUCATION ELEMENTARY AND/OR SECONDARY STUDENTS AND SERVE AS TEACHERS WHO ARE SOLELY RESPONSIBLE FOR DELIVERING ACADEMIC CONTENT AND ASSIGNING GRADE(S). THE STUDENTS PARTICIPATE IN A MODIFICATION OF GENERAL CURRICULUM AT AN INSTRUCTIONAL LEVEL BELOW THEIR GENERAL EDUCATION PEERS.

A special course designed to provide subject matter and experiences for students with disabilities in the areas of vocal music, instrumental music, performance, and music appreciation. This course code is to be used for all music classes modified and designed for students with disabilities and is appropriate regardless of grade level (K-12). Report actual grade level for "grade taught" code.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ELEMENTARY	1801
INSTRUMENTAL MUSIC	1202
MUSIC	1201
VOCAL MUSIC	1203

**SPECIAL EDUCATION MUSIC-(PAC 1162)**

Short Name

Course Code

**SE MUS AL**

**191230**

\*\* NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1162\*\*

RESPONSIBLE FOR TEACHING SPECIAL EDUCATION STUDENTS WITH THE MOST SIGNIFICANT COGNITIVE DISABILITIES, THOSE STUDENTS WHO PARTICIPATE IN A FUNCTIONAL, LIFE-SKILLS CURRICULUM. STUDENTS PARTICIPATE IN THE SPECIAL EDUCATION ALTERNATE ASSESSMENT BASED ON SPECIAL EDUCATION ALTERNATE STANDARDS.

A special course designed to provide students with significant cognitive disabilities subject matter and experiences in the areas of vocal music, instrumental music, performance, and music appreciation. This course is designed for elementary and/or secondary students whose instructional level does not exceed 8th grade. Report actual grade level for "grade taught" code.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
INSTRUMENTAL MUSIC	1202
MIDDLE LEVEL	1803
MUSIC	1201
VOCAL MUSIC	1203



<b>SPECIAL EDUCATION</b>
--------------------------

**SPECIAL EDUCATION SCIENCE-K-12 (PAC 1161)**

Short Name

Course Code

**SE SCI**

**191315**

\*\* NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1161\*\*

RESPONSIBLE FOR INSTRUCTION OF SPECIAL EDUCATION ELEMENTARY AND/OR SECONDARY STUDENTS AND SERVE AS TEACHERS WHO ARE SOLELY RESPONSIBLE FOR DELIVERING ACADEMIC CONTENT AND ASSIGNING GRADE(S). THE STUDENTS PARTICIPATE IN A MODIFICATION OF GENERAL CURRICULUM AT AN INSTRUCTIONAL LEVEL BELOW THEIR GENERAL EDUCATION PEERS.

A special course designed to provide subject matter and experiences in the areas of biology, physical and earth sciences for students with disabilities. This course code is to be used for all science classes modified and designed for students with disabilities and is appropriate regardless of grade level (K-12). Report actual grade level for "grade taught" code.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
EARTH AND SPACE SCIENCE	1305
ELEMENTARY	1801
MIDDLE GR/NATURAL SCIENCES	1819
MIDDLE LEVEL	1803
SCIENCE	1301

**SPECIAL EDUCATION SCIENCE-(PAC 1162)**

Short Name

Course Code

**SE SCI AL**

**191330**

\*\* NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1162\*\*

RESPONSIBLE FOR TEACHING SPECIAL EDUCATION STUDENTS WITH THE MOST SIGNIFICANT COGNITIVE DISABILITIES, THOSE STUDENTS WHO PARTICIPATE IN A FUNCTIONAL, LIFE-SKILLS CURRICULUM. STUDENTS PARTICIPATE IN THE SPECIAL EDUCATION ALTERNATE ASSESSMENT BASED ON SPECIAL EDUCATION ALTERNATE STANDARDS.

A special course designed to provide students with significant cognitive disabilities subject matter and experiences in the areas of biology, physical and earth sciences. This course is designed for elementary and/or secondary students whose instructional level does not exceed 8th grade. Report actual grade level for "grade taught" code.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
MIDDLE GR/NATURAL SCIENCES	1819
MIDDLE LEVEL	1803
SCIENCE	1301

**SPECIAL EDUCATION**

**SPECIAL EDUCATION SOCIAL STUDIES-K-12 (PAC 1161)**

Short Name

Course Code

**SE SOC**

**191515**

\*\* NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1161\*\*

RESPONSIBLE FOR INSTRUCTION OF SPECIAL EDUCATION ELEMENTARY AND/OR SECONDARY STUDENTS AND SERVE AS TEACHERS WHO ARE SOLELY RESPONSIBLE FOR DELIVERING ACADEMIC CONTENT AND ASSIGNING GRADE(S). THE STUDENTS PARTICIPATE IN A MODIFICATION OF GENERAL CURRICULUM AT AN INSTRUCTIONAL LEVEL BELOW THEIR GENERAL EDUCATION PEERS.

A special course designed to provide subject matter dealing with the elements and structures of human society which may include economics, geography, history, citizenship, government and other social studies related disciplines for students with disabilities. This course code is to be used for all social studies classes modified and designed for students with disabilities and is appropriate regardless of grade level (K-12). Report actual grade level for "grade taught" code.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ELEMENTARY	1801
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
MIDDLE LEVEL	1803
POLITICAL SCIENCE	1507
SOCIAL SCIENCE	1501

**SPECIAL EDUCATION SOCIAL STUDIES-(PAC 1162)**

Short Name

Course Code

**SE SOC AL**

**191530**

\*\* NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1162\*\*

RESPONSIBLE FOR TEACHING SPECIAL EDUCATION STUDENTS WITH THE MOST SIGNIFICANT COGNITIVE DISABILITIES, THOSE STUDENTS WHO PARTICIPATE IN A FUNCTIONAL, LIFE-SKILLS CURRICULUM. STUDENTS PARTICIPATE IN THE SPECIAL EDUCATION ALTERNATE ASSESSMENT BASED ON SPECIAL EDUCATION ALTERNATE STANDARDS.

A special course designed to provide students with significant cognitive disabilities subject matter dealing with the elements and structures of human society which may include economics, geography, history, citizenship and other social studies related disciplines. This course is designed for elementary and/or secondary students whose instructional level does not exceed 8th grade. Report actual grade level for "grade taught" code.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
MIDDLE LEVEL	1803
SOCIAL SCIENCE	1501

**SPECIAL EDUCATION**

**SPECIAL ED FUNCTIONAL SKILLS AND ACTIVITIES (PAC 1162)**

Short Name

Course Code

**SE FUNCT**

**192000**

\*\* NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1162\*\*

RESPONSIBLE FOR TEACHING SPECIAL EDUCATION STUDENTS WITH THE MOST SIGNIFICANT COGNITIVE DISABILITIES, THOSE STUDENTS WHO PARTICIPATE IN A FUNCTIONAL, LIFE-SKILLS CURRICULUM. STUDENTS PARTICIPATE IN A THE SPECIAL EDUCATION ALTERNATE ASSESSMENT BASED ON SPECIAL EDUCATION ALTERNATE STANDARDS.

A special course designed to provide the opportunity to acquire survival skills and habits necessary in daily living for students with disabilities. This course code is to be used for all functional skill and activity classes modified and designed for elementary and/or secondary students whose instructional level does not exceed 8th grade. Report actual grade level for "grade taught" code.

**Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:**

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BEHAVIOR DISORDERED	1905
DEAF OR HARD OF HEARING/SUBJCT	1901
EARLY CHILD INCLUSIVE	1804
SEC TRANSITION SPECIALIST	2502
SPECIAL EDUCATION	1913
SPED EARLY CHLDHOOD	1916
SPED FUNCT ACAD SKILLS/IND LIV	1914
SPED INCLUSION/COLLAB SPC SUBJ	1906
SPEECH-LANGUAGE PATH	1908
VISUAL IMPAIRMENT	1902
VOC SPECIAL NEEDS	2305

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Page 268</b>	<b>Revised May 2018</b>
---	---------------------	---------------------------------

<b>SPECIAL EDUCATION</b>
--------------------------

**SPECIAL EDUCATION INDEPENDENT LIVING-K-12 (PAC 1161)**

Short Name

Course Code

**SE IND LV**

**192015**

\*\* NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1161\*\*

RESPONSIBLE FOR INSTRUCTION OF SPECIAL EDUCATION ELEMENTARY AND/OR SECONDARY STUDENTS AND SERVE AS TEACHERS WHO ARE SOLELY RESPONSIBLE FOR DELIVERING ACADEMIC CONTENT AND ASSIGNING GRADE(S). THE STUDENTS PARTICIPATE IN A MODIFICATION OF GENERAL CURRICULUM AT AN INSTRUCTIONAL LEVEL BELOW THEIR GENERAL EDUCATION PEERS.

A special course designed to provide the opportunity to acquire effective independent living, self advocacy and survival skills with a focus on interconnection of family, career and community for students with disabilities. This course code is to be used for all independent living classes modified and designed for students with disabilities and is appropriate regardless of grade level (K-12). Report actual grade level for "grade taught" code.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BEHAVIOR DISORDERED	1905
DEAF OR HARD OF HEARING/SUBJCT	1901
EARLY CHILD INCLUSIVE	1804
SEC TRANSITION SPECIALIST	2502
SPECIAL EDUCATION	1913
SPED EARLY CHLDHOOD	1916
SPED FUNCT ACAD SKILLS/IND LIV	1914
SPED INCLUSION/COLLAB SPC SUBJ	1906
SPEECH-LANGUAGE PATH	1908
VISUAL IMPAIRMENT	1902
VOC SPECIAL NEEDS	2305

**PHYSICAL EDUCATION, ADAPTIVE**

Short Name

Course Code

**ADAPTPE**

**193000**

A diversified program of developmental activities, games, sports, and rhythms suited to the interest, capacities and limitations of students who may not safely or successfully engage in unrestricted participation in the activities of the general physical education program.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ADAPTED PHYS ED	0805

<b>SPECIAL EDUCATION</b>
--------------------------

**SPECIAL EDUCATION IN-HOME SETTING**

<u>Short Name</u>	<u>Course Code</u>
<b>HBSPED</b>	<b>194000</b>

Responsible for teaching/coaching parents and families of young children with disabilities birth to kindergarten eligible entrance age in the child's home.

A course designed to provide the opportunity for young children and their families to acquire knowledge and skills to support the child's activities in home and community settings. See course code 180005 for Non-Sped Home-based Program if course is for non-special ed.

**GRADES PRE-K**

See endorsements below, if staff reported are Primary Service Providers (selected from the IEP or IFSP team), any additional special education endorsements or licensure will clear this course. If the staff has an Early Childhood (1802 and/or 1830) endorsement, they must also have a special education endorsement.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1830
SPED EARLY CHLDHOOD	1916
SPED EARLY INTRVNTN SPEC	1922

---

**SPECIAL EDUCATION STUDY SKILLS**

<u>Short Name</u>	<u>Course Code</u>
-------------------	--------------------

THIS COURSE OFFERING FOR STUDENTS WITH DISABILITIES,

USE COURSE CODE 260300 (STUDY SKILLS) FOUND ON PAGE 110 OF "COURSE CODES AND CLEARING ENDORSEMENTS" UNDER PERSONAL DEVELOPMENT.

*Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:*

<u>Endorsement Name</u>	<u>Endorsement Number</u>
-------------------------	---------------------------

---

**SELF-CONTAINED CLASSROOM**

**SELF-CONTAINED CLASSROOM**

Short Name

Course Code

**SELF-C**

**180000**

A group of students under the primary direction of one teacher for a majority of the school day and for a majority of the subject-matter areas of the curriculum.

This code may be used at grade levels PK-8 only.

GRADES PRE-K-8

Early Childhood Education (Pre-3)

Elementary (K-8)

Middle Grades (4-9)

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
MIDDLE LEVEL	1803
SPED EARLY CHLDHOOD	1916
SPED EARLY INTRVNTN SPEC	1922

**HOME-BASED PROGRAM (NON SPED)**

Short Name

Course Code

**HBNSPED**

**180005**

Type of early childhood program that specifically provides home visiting services to children birth to kindergarten eligible entrance age. These services are primarily delivered in the home of the family.

A course designed to provide the opportunity for young children and their families to acquire knowledge and skills to support the child's development and active participation in the family's everyday routines and activities in home and community settings. See course code 194000 for Special Education In Home setting.

GRADES PRE-K

***Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:***

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
SPED EARLY CHLDHOOD	1916
SPED EARLY INTRVNTN SPEC	1922

**Course Codes and Clearing Endorsements - Change Summary****Version 9.1.0****May 9, 2018**

Corrections were made to Version 9.0.0

**1. Course Codes Removed**

These courses were removed in 2017-2018. Should not have been included in 2018-2019 Version 9.0.0.  
139931 – 139934 – Science, Other

**Course Codes and Clearing Endorsements - Change Summary****Version 9.0.0****March 22, 2018**

Numerous changes have been made to course descriptions and clearing endorsements.  
Please check carefully before assigning a course code.

**2. Course Codes Removed**

011013 – Agricultural Biology  
011014 – Equine Science  
011016 – Plant Biology  
012003 – Turf Management  
016002 – Structural Systems  
018049 – Environmental Science  
018050 – Advanced Placement Environmental Science  
018083 - FNS – Food and Nutrition Science Research and Development  
050315 – Advanced Placement Spanish Literature  
(Moved to 060255 under World Language)  
065000 – Language Survey  
110626 – IB Mathematics & Computing-SL  
135020 – Advanced Placement Physics

**2. New Course Codes**

012005 – Agribusiness Management and Entrepreneurship  
016006 – Precision Agriculture and Engineering  
018064 – CASE Natural Resources and Ecology  
018065 – CASE Food Science and Safety  
018066 – CASE Agricultural Power and Technology  
050053 – IB Language A (English) Middle Years Program

## COURSE CODES AND CLEARING ENDORSEMENTS

Revised  
May  
2018

050060 – English Grammar  
050061 – Yearbook  
050062 – Research Methods  
050063 – Literature of a Genre  
060001 – World Language Arabic I  
060002 – World Language Arabic II  
060111 – Latin IB Classical Language  
060254 – World Language Japanese III  
060255 – Advanced Placement Spanish Literature and Culture  
(Replaced course 050315 that was removed from English Language Arts)

062021 – Middle School Exploratory French  
062041 – Middle School Exploratory Spanish  
062091 – Middle School World Language Exploratory – Other  
080127 – Adapted Physical Education  
090129 – FNS – Food Production, Nutrition and Health  
090130 – FNS – Food Science  
090131 – FNS – Nutrition Science  
101402 – Advanced Manufacturing & Fabrication – Metals  
101700 – Introduction to Aircraft and Rocketry  
101701 – Introduction to Aviation and Aerospace  
101702 – History of Aviation  
101703 – Aviation Safety  
101704 – Introduction to Powered Flight  
101922 – Advanced Manufacturing & Fabrication – Woods  
101941 – Welding 3  
101952 – Advanced Manufacturing & Fabrication – Plastics  
110627 – IB Mathematics Higher Level  
135023 – Advanced Placement Physics C: Electricity and Magnetism  
135024 – Advanced Placement Physics C: Mechanics  
135025 – Meteorology  
151115 – Advanced Placement Comparative Government and Politics  
152004 – Gender Studies  
270410 – Introduction to Computer Science & Web Design  
270411 – Introduction to Computer Science  
270412 – Introduction to Web Design  
270712 – IB Computer Science  
320722 – Registered Apprenticeship Class  
320723 – Registered Apprenticeship Work



## COURSE CODES AND CLEARING ENDORSEMENTS

Revised  
May  
2018

### 3. Course Codes with Name Changes

- 130420 – Physical Science – Integrated  
Previous name: Integrated Science – Physical Science
- 130422 – Biology – Integrated  
Previous name: Integrated Science – Biology
- 130423 – Chemistry – Integrated  
Previous name: Integrated Science – Chemistry
- 060226 – Advanced Placement French Language and Culture  
Previous name: Advanced Placement French and Culture
- 060236 – Advanced Placement German Language and Culture  
Previous name: Advanced Placement German and Culture
- 060253 – Advanced Placement Japanese Language and Culture  
Previous name: Advanced Placement Japanese and Culture

### 4. Course Codes with Name and Description Changes

- 011004 – Animal Science  
Previous name: Animal Biology
- 011006 – Small Animal Management  
Previous name: Companion Animals
- 011007 - Plant Science  
Previous name: Plant Science/Horticulture
- 011008 - Crop Management/Agronomy  
Previous name: Agronomic Science
- 011010 – Agricultural Economics  
Previous name: Economics & Agribusiness
- 011011 – Agricultural Sales and Communication  
Previous name: Agricultural Sales and Entrepreneurship
- 012004 – Agricultural Biotechnology  
Previous name: Biotechnology
- 013000 – Environmental and Natural Resources  
Previous name: Natural Resources
- 013002 – Environmental and Natural Resources Management  
Previous name: Advanced Natural Resources
- 014000 – Food Science and Safety  
Previous name: Food Science
- 014001 – Food Products and Technology  
Previous name: Advanced Food Science
- 016000 – Power, Structural and Technical Foundations  
Previous name: Power, Structure and Technical Systems Fundamentals
- 016003 – Power, Structural and Technology Systems  
Previous name: Power and Technology

## COURSE CODES AND CLEARING ENDORSEMENTS

Revised  
May  
2018

- 017000 – Agricultural Leadership and Career Readiness  
Previous name: Leadership and Ethics in Agriculture
- 033422 – Introduction to Business Technology  
Previous name: Computer Applications
- 060107 – Advanced Placement Latin  
Previous name: Advanced Placement Latin Vergil
- 060246 – Advanced Placement Spanish Language and Culture  
Previous name: Advanced Placement Spanish and Culture
- 060276 – Advanced Placement Chinese Language and Culture  
Previous name: Advanced Placement Chinese and Culture
- 
- 077304 – Exploring Laboratory Medicine  
Previous name: Exploring the Clinical Lab
- 100100 – Introduction to Skilled and Technical Sciences  
Previous name: Introduction to the Built Environment
- 100110 – Construction Trades 1  
Previous name: Principles of Construction Technology
- 110120 – Construction Trades 2  
Previous name: Advanced Construction Technology
- 100130 – Drafting and Design  
Previous name: Introduction to Architecture and Construction
- 100140 – Architectural Design 1  
Previous name: Computer Aided Drafting
- 100141 – Architectural Design 2  
Previous name: Applications in Design and Pre-construction
- 100406 – Fundamentals of Energy  
Previous name: Energy Exploration
- 100407 – Physics and Mathematics of Energy  
Previous name: Energy Generation and Distribution
- 100408 – Sustainable Energy  
Previous name: Green Energy
- 101400 – Manufacturing Process – Metals  
Previous name: Manufacturing – Metals
- 101401 – Manufacturing Production – Metals  
Previous name: Advanced Fabrication and Manufacturing – Metals
- 101600 – Transportation I  
Previous name: Introduction to Energy, Power and Transportation Systems
- 101601 – Introduction to TDL  
Previous name: Emerging Tech in Transportation & Logistics
- 101620 – Transportation 2  
Previous name: Transportation Tech Svcs & Maint

## COURSE CODES AND CLEARING ENDORSEMENTS

Revised  
May  
2018

- 101630 – Transportation 3  
Previous name: Automotive & Mobile Equip Serv & Repair
- 101640 – Collision Repair  
Previous name: Automotive Body Repair and Refinishing
- 101920 – Manufacturing Processes – Woods  
Previous name: Manufacturing – Woods
- 101921 – Manufacturing Production – Woods  
Previous name: Advanced Fabrication and Manufacturing – Woods
- 101930 – Welding 1  
Previous name: Manufacturing – Welding
- 101940 – Welding 2  
Previous name: Advanced Fabrication and Manufacturing – Welding
- 101950 – Manufacturing Processes – Plastics  
Previous name: Manufacturing – Plastics
- 101951 – Manufacturing Production – Plastics  
Previous name: Advanced Fabrication and Manufacturing- Plastics
- 103191 – Engineering Design and Systems Thinking  
Previous name: Introduction to Engineering
- 103192 – Engineering Problem Solving  
Previous name: Engineering Concepts
- 103193 – Systems Engineering and Project Management  
Previous name: Engineering Applications
- 110623 – IB Mathematical Studies – Standard Level  
Previous name: IB Mathematical Studies
- 110624 – IB Mathematics Standard Level  
Previous name: IB Mathematics
- 110625 – IB Further Mathematics-Higher Level  
Previous name: IB Further Mathematics-SL
- 150750 – Advanced Placement Human Geography  
Previous name: Advanced Placement Geography
- 151113 – Advanced Placement United State Government and Politics  
Previous name: Advanced Placement Government

### 5. Course Description changes

- 011005 – Large Animal Management
- 011009 – Agribusiness
- 011015 – Veterinary Science
- 012001 – Nursery and Landscape
- 012002 – Floriculture
- 013001 – Wildlife Management

## COURSE CODES AND CLEARING ENDORSEMENTS

Revised  
May  
2018

016004 – Welding  
016005 – Metals and Fabrication  
0180661 – CASE Plant Science  
018062 – CASE Animal Science  
018063 – CASE Animal & Plant Biotechnology  
018080 – FNS – Food Production, Nutrition, and Health  
018081 – FNS – Food Science  
018082 – FNS – Nutrition Science  
077302 – Health Sciences III  
077702 – Human Life Cycle Nutrition  
090116 – Interpersonal Relationships  
270602 – Digital Media  
270702 – Advanced Placement Computer Science Principles  
270703 – Computer Science Principles  
270704 – Foundations of Computing  
270706 – Web Design and Development  
270708 – Project Lead The Way – Computer Science Principles  
270710 – Project Lead The Way – Computer Science Essentials

### **6. Endorsement code Name Changes**

1605 – Work-based Learning  
    Previous name: Coop Ed Div Occ  
1000 – Skilled and Technical Sciences  
    Previous name: Industrial Tech Education  
1700 – Skilled & Technical Sciences, Skilled Specific  
    Previous name: Skilled & Technical Sciences Ed  
1803 – Middle Level  
    Previous name: Middle Grades

### **7. Endorsement codes have been ADDED/REMOVED for the following course codes**

011007 – Remove – 0905 – Hort Educ  
012002 – Remove 0905 – Hort Educ  
077702 – Add 1301 Science and 1303 Biology  
077801 – Add 1508 Psychology and 1509 Sociology  
077802 – Add 1508 Psychology and 1509 Sociology  
077803 – Add – 1301 Science  
077804 – Add – 1301 Science  
077805 – Add – 1301 Science  
077806 – Add – 1301 Science  
077807 – Add – 1301 Science  
077808 – Add – 1301 Science

## COURSE CODES AND CLEARING ENDORSEMENTS

Revised  
May  
2018

077809 – Add – 1301 Science  
077810 – Add – 1301 Science  
103194 - Add – 1100 Mathematics  
103195 - Add – 1100 Mathematics  
270602 – Add – 0502 English Language Arts, 0510 Jour and Mass Comm,  
0520 Journalism and Media Education, 0200 Art.  
270702 - Add - 0304 Business, Marketing, Info Tech  
270703 - Add - 0304 Business, Marketing, Info Tech  
270704 - Add - 0304 Business, Marketing, Info Tech  
270706 - Add - 0304 Business, Marketing, Info Tech  
270708 - Add - 0304 Business, Marketing, Info Tech  
270710 - Add - 0304 Business, Marketing, Info Tech  
310131 – Add – 1305 Earth and Space Science , 1308 Physics, and 1307 Chemistry  
310151 – Add – 1502 Anthropology, 1503 Economics, 1507 Political Science,  
1508 Psychology, and 1509 Sociology

### Course Codes and Clearing Endorsements - Change Summary

**Version 8.0.0**

**April 17, 2017**

Numerous changes have been made to course descriptions and clearing endorsements.  
Please check carefully before assigning a course code.

#### **1, Course Codes Removed**

080150 – Physical Education  
080200 – Physical Education I  
080300 – Physical Education II  
080400 – Physical Education III  
080500 – Physical Education IV  
080600 – Physical Education, Specialized  
080601 – Strength Training  
089933 – Physical Education, Other  
089934 – Physical Education, Other  
090108 – Advanced Human Food, Nutrition & Wellness  
270612 – Intermediate Digital Design  
320400 – C4C - Curriculum For Careers  
350015 – Early Childhood Education I  
350020 – Early Childhood Education II

## COURSE CODES AND CLEARING ENDORSEMENTS

Revised  
May  
2018

### **8. New Course Codes**

011012 – MS Introduction To Ag, Food & Natural Resources  
080107 – Foundations For Physical Education and Fitness  
080108 – Beginning Swimming  
080109 – Intermediate Swimming  
080110 – Fitness Swimming and Aquatic Activities  
080111 – Introduction to Strength & Conditioning  
080112 – Intermediate Strength & Conditioning  
080113 – Advanced Strength & Conditioning  
080114 – Aerobic Training  
080115 – Advanced Aerobic Training  
080116 – Introduction to Dance  
080117 – Hip-Hop Dance  
080118 – Ballroom Dance  
080119 – Dance Performance  
080120 – Lifetime Activities  
080121 – Team Games  
080122 – Outdoor Pursuits  
080123 – Lifeguard Training & Water Safety Instruction Aide  
080124 – Sport Officiating  
080125 – Physical Education Elementary  
080126 – Physical Education Middle School  
090121 – Early Childhood Education and Services  
090122 – Early Childhood Practicum  
090123 – Human Growth and Development  
090124 - Nutrition  
090125 - Dietetics  
090126 – Introduction To Design Principles  
090127 – Families in Crisis  
090128 – Careers In Mental Health  
130422 – Integrated Science – Biology  
130423 – Integrated Science – Chemistry  
130424 – Independent Study  
230803 – Study Hall  
270701 – Computer Science A  
270703 – Computer Science Principles  
270704 – Foundations of Computing  
270705 – Software Development  
270706 – Web Design and Development  
270707 - Cybersecurity

## COURSE CODES AND CLEARING ENDORSEMENTS

Revised  
May  
2018

270708 – Project Lead The Way – Computer Science Principles  
270709 – Project Lead The Way – Computer Science A  
270710 – Project Lead The Way – Computer Science Essentials  
270711 – Project Lead The Way - Cybersecurity  
320702 – AFNR Work-Based Learning Experience  
320703 – Arch and Constr Work-Based Learning Experience  
320704 – Arts, AV & Com Work-Based Learning Experience  
320705 – Business Mgmt Work-Based Learning Experience  
320706 – Ed & Train Work-Based Learning Experience  
320707 – Energy & Eng Work-Based Learning Experience  
320708 – Finance Work-Based Learning Experience  
320709 – Govt, Public Admin Work-Based Learning Experience  
320710 – Health Science Work-Based Learning Experience  
320711 – Hospitality & Tourism Work-Based Learning Experience  
320712 – Human Services/FACS Work-Based Learning Experience  
320713 – Information Technology Work-Based Learning Experience  
320714 – Law, Public Safety Work-Based Learning Experience  
320715 – Manufacturing Work-Based Learning Experience  
320716 – Marketing Work-Based Learning Experience  
320717 – Transportation Work-Based Learning Experience  
320718 – English/Language Arts Work-Based Learning Experience  
320719 – Mathematics Work-Based Learning Experience  
320720 – Science Work-Based Learning Experience  
320721 – Social Studies Work-Based Learning Experience

### **9. Course Codes with Name Changes**

090101 – changed to: Introduction to Human Services/FACS  
(was: Introduction to Human Services)  
090103 – changed to: Textile Constructions  
(was: Textiles Construction and Design)  
090107 - changed to: Fundamentals of Food and Nutrition  
(was: Human Food, Nutrition & Wellness)  
090109 – changed to: Home Design and Interiors  
(was: Housing and Interior Design)  
090116 – changed to: Interpersonal Relationships  
(was: Relationships)  
090117 – changed to: Parents and Family  
(was: Parenting Decisions)  
090206 – changed to: Fashion Design  
(was: Fashion Design and Marketing)  
099930-099934 – changed to: Human Services/FACS, other

## COURSE CODES AND CLEARING ENDORSEMENTS

Revised  
May  
2018

- (was: Human Services, other)
- 130420 – changed to: Integrated Science-Physical Science  
(was: Physical Science)
- 270601 – changed to: Networking  
(was: Networking Systems)
- 270604 – changed to: Foundations of Web Design  
(was: Web Design)
- 270609 – changed to: Video Production  
(was: Media Production I)
- 270610 – changed to: Media Production  
(was: Media Production II)
- 270611 – changed to: Digital Design  
(was: Introduction to Digital Design)
- 320700 – changed to: Other Work-Based Learning Class  
(was: Work-Based Learning/COOP/DO Class)
- 320701 – changed to: Other Work-Based Learning Experience  
(was: Work-Based Learning/COOP/DO Experience)
- 350001 – changed to: Introduction to Education and Training  
(was: Exploring Education and Training)
- 350002 – changed to: Best Practices in Education and Training  
(was: Human Growth and Development)
- 350010 – changed to: Field Experience in Education and Training  
(was: Experiencing Teaching)

### **10. Course Description changes**

- 077300 – Health Sciences I
- 077301 – Health Sciences II
- 077302 – Health Sciences III
- 077303 – Personal and Community Medical Issues/Public Health
- 077304 – Exploring The Clinical Lab
- 077400 – Nursing Assistant/CAN
- 077401 – Medical Aide
- 077444 – Pharmacy Technician
- 077446 – Phlebotomy Technician
- 077500 – Introduction to Sports Medicine
- 077600 – Medical Terminology
- 077601 – Exercise Science
- 077701 – Performance Nutrition
- 077702 – Human Life Cycle Nutrition
- 077800 – Health Information Technology



## COURSE CODES AND CLEARING ENDORSEMENTS

Revised  
May  
2018

- 077801 – Behavioral Health I
- 077802 – Behavioral Health II
- 077812 – Health Information Management and Ethics
- 077900 – Allied Health and Medicine
- 089930-089932 – Physical Science, Other
- 090005 – Family and Consumer Sciences 6
- 090006 – Family and Consumer Sciences 7
- 090007 – Family and Consumer Sciences 8
- 090101 – Introduction to Human Sciences/FACS  
(previously: Introduction to Human Sciences)
- 090103 – Textile Construction  
(previously: Textiles Construction and Design)
- 090104 – Life and Career Readiness
- 090107 – Fundamentals of Food and Nutrition  
(previously: Human Food, Nutrition & Wellness)
- 090109 – Home Design and Interiors  
(previously: Housing and Interior Design)
- 090113 – Food Science
- 090116 – Interpersonal Relationships  
(previously: Relationship)
- 090117 – Parents and Families  
(previously: Parenting Decisions)
- 090119 – Child Development
- 090206 – Fashion Design  
(previously: Fashion Design and Marketing)
- 090207 – The Business to Textiles
- 090208 – Leadership and Ethics in Human Services
- 090209 – Consumer Economics
- 130420 – Integrated Science- Physical Science  
(previously: Physical Science)
- 270604 – Foundations of Web Design  
(previously: Web Design)
- 270613 – Advanced Digital Design
- 320700 – Other Work-Based Learning Class  
(previously: Work-Based Learning/COOP/DO Class)
- 320701 – Other Work-Based Learning Experience  
(previously: Work-Based Learning/COOP/DO Experience)
- 350001 – Introduction to Education and Training  
(previously: Exploring Education and Training)
- 350002 – Best Practices in Education and Training  
(previously: Human Growth and Development)

## COURSE CODES AND CLEARING ENDORSEMENTS

Revised  
May  
2018

350010 – Field Experience in Education and Training  
(previously: Experiencing Teaching)  
370021 – Culinary Skills 1  
370022 – Culinary Skills 2  
370030 – Prostart 1  
370031 – Prostart 2  
379930-379934 – Hospitality and Tourism, Other

### Endorsement s codes have been ADDED/REMOVED for the following course codes

059930 – English Language Arts, Other  
Added: 0512  
077446 - Phlebotomy Technician  
Added: 1303, 1301  
Removed: 0903, 1501  
019930-019934 – Agriculture, Food and Natural Resources, Other  
Removed: 1810  
359930-359934 – Education and Training, Other  
Removed: 0903

### Section Name Changes

New: HUMAN SERVICES/FACS  
old: Human Services/FCS

## Course Codes and Clearing Endorsements - Change Summary

**Version 7.0.0**

**June 8, 2016**

**Numerous changes have been made to course descriptions and clearing endorsements.  
Please check carefully before assigning a course code.**

### 1. Course Codes Removed

077700 - Clinical Nutrition (please refer to new code 077702 – Human Life Cycle Nutrition)  
090001 – Exploratory Family and Consumer Sciences  
090002 – Introduction to Family and Consumer Sciences  
090003 – FCS and Career Essentials  
139931 – 139934 – Science, Other (139930 - Science, Other is still available)

## COURSE CODES AND CLEARING ENDORSEMENTS

Revised  
May  
2018

230601 – Spanish for Native Speakers (please refer to 2 new codes available:

060249 – Spanish For Native Speakers I

060250 – Spanish For Native Speakers II

### 2. New Course Codes

050052 - IB Language A – (English)

060108 - Latin III

060109 - Latin IV

060227 - IB Language A - French

060228 - IB Language B – French

060237 - IB Language A - German

060238 - IB Language B - German

060247 - IB Language A - Spanish

060248 - IB Language B - Spanish

060249 - Spanish for Native Speakers I

060250 - Spanish for Native Speakers II

077201 - PLTW Medical Detectives

077446 - Phlebotomy Technician

077702 - Human Life Cycle Nutrition

077801 - Behavioral Health I

077802 - Behavioral Health II

077803 - PLTW Principles of Biomedical Science I

077804 - PLTW Principles of Biomedical Science II

077805 - PLTW Human Body Systems I

077806 - PLTW Human Body Systems II

077807 - PTLW Medical Interventions I

077808 - PTLW Medical Interventions II

077809 - PTLW Biomedical Innovation I

077810 - PTLW Biomedical Innovation II

077812 - Health Information Management and Ethics

090005 - Family and Consumer Sciences 6

090006 - Family and Consumer Sciences 7

090007 - Family and Consumer Sciences 8

110623 - IB Mathematical Studies

110624 - IB Mathematics

110625 - IB Further Mathematics - SL

110626 - IB Mathematics & Computing - SL

130195 – Advanced Robotics

130211 - IB Biology

130212 - Botany

130213 - Genetics

## COURSE CODES AND CLEARING ENDORSEMENTS

Revised  
May  
2018

130214 - Micro Biology  
130215 - Zoology  
130216 - Conceptual Biology  
130217 - Particular Topics In Biology  
130218 - Biology - Other  
130308 - IB Chemistry  
130309 - Conceptual Chemistry  
130310 - Particular Topics In Chemistry  
130311 - Chemistry - Other  
130312 - Astronomy  
130313 - Earth and Space Science  
130314 - Particular Topics in Earth Science  
130315 - Earth Science - Other  
130316 - Marine Science  
130317 - Forensic Science  
130416 - IB Physics  
130417 - Conceptual Physics  
130418 - Particular Topics in Physics  
130419 - Physics - Other  
130420 - Integrated Science  
130421 – Applied Biology/Chemistry  
152000 - Holocaust History  
152001 - IB History  
152002 - IB Psychology  
152003 - IB Theory of Knowledge  
270702 - Advanced Placement Computer Science Principles  
320701 - Work-based Learning/Coop/DO Experience

### 3. Course Codes with Name Changes

060246 - changed to: Advanced Placement Spanish and Culture  
(was: Advanced Placement Spanish)  
077300 - changed to: Health Sciences I  
(was: Introduction to Health Sciences)  
077301 - changed to: Health Sciences II  
(was: Advanced Health Sciences)  
077302 - changed to: Health Sciences II  
(was: Health Sciences Careers)  
077700 - changed to: Human Life Cycle  
(was: Clinical Nutrition)  
090206 - changed to: Fashion Design and Marketing  
(was: Fashion Design)

## COURSE CODES AND CLEARING ENDORSEMENTS

Revised  
May  
2018

130201 - changed to: Biology

(was: Biology I)

130202 - changed to: Biology – Advanced Studies

(was: Biology II)

130301 - changed to: Chemistry

(was: Chemistry I)

130303 - changed to: Physics

(was: Physics I)

320700 - changed to: Work-Based Learning/COOP/DO Class

(was: Work-Based Learning/COOP/DO)

#### 4. **Course Description changes**

060246 - Advanced Placement Spanish & Culture

077402 - Emergency Medical Technician

100160 - PLTW Principles of Engineering

100161 - PLTW Introduction to Engineering Design

100162 - PLTW Civil Engineering Design

100163 - PLTW Engineering Design and Development

100164 - PLTW Aerospace Engineering

100165 - PLTW Biotechnical Engineering

100403 - PLTW Digital Engineering

101901 – PLTW Computer Integrated Manufacturing

130202 - Biology – Advanced Studies (was previously Biology II)

130302 - Chemistry – Advanced Studies

130307 - Physics – Advanced Studies

150800 - World History

150820 - American History

151110 - American Government

320700 – Work-Based Learning/Coop/DO Class

#### 5. **Endorsements code name changes**

0700 – New: Health Sciences (Previous: Health Occupations)

#### 6. **Endorsement s codes have been added for the following course codes**

**Health Sciences** area and **Skilled and Technical Sciences** area have had multiple changes for courses – Please review each course carefully for changes.

270608 – Introduction to Media – 0304, 2701

270609 – Medical Production I – 0304, 2701

270610 – Media Production II – 0304, 2701

<b>COURSE CODES AND CLEARING ENDORSEMENTS</b>	<b>Revised May 2018</b>
---	---------------------------------