

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

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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

LEVEL	Appropriate for the following grades
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 9th 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.

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AGRICULTURE, FOOD AND NATURAL RESOURCES
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INTRODUCTION TO AG, FOOD & NATURAL RESOURCES	<u>Short Name</u> AG/EN-INTR	<u>Course Code</u> 011000
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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> ANI SCI	<u>Course Code</u> 011004
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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> LG ANIMGMT	<u>Course Code</u> 011005
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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

COURSE CODES AND CLEARING ENDORSEMENTS	Page 2	Revised May 2018
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AGRICULTURE, FOOD AND NATURAL RESOURCES
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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

AGRICULTURE, FOOD AND NATURAL RESOURCES
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AGRIBUSINESS

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

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>
AG ECON	011010

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>
AG SA/COM	011011

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

