

# Practicum in Agriculture, Food, and Natural Resources (Two Credits), Adopted 2015.

The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to: [130.31.C.1](#)

**A** adhere to policies and procedures; [130.31.C.1A](#)

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**B** demonstrate positive work behaviors and attitudes, including punctuality, time management, initiative, and cooperation; [130.31.C.1B](#)

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**C** apply constructive criticism and critical feedback from supervisor and peers; [130.31.C.1C](#)

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**D** apply ethical reasoning to a variety of situations in order to make ethical decisions; [130.31.C.1D](#)

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**E** complete tasks with high standards to ensure quality products and services; [130.31.C.1E](#)

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**F** model professional appearance, including using appropriate dress, grooming, and personal protective equipment; and Agriculture, Food, and Natural Resources [130.31.C.1F](#)

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**G** comply with practicum setting safety rules and regulations to maintain safe and healthful working conditions and environments [130.31.C.1G](#)

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The student develops a supervised agriculture experience program. The student is expected to: [130.31.C.2](#)

**A** plan, propose, conduct, document, and evaluate a supervised agriculture experience program as an experiential learning activity; [130.31.C.2A](#)

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**B** apply proper record-keeping skills as they relate to the supervised agriculture experience; [130.31.C.2B](#)

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**C** participate in youth leadership opportunities to create a well-rounded experience program; and [130.31.C.2C](#)

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**D** produce and participate in a local program of activities using a strategic planning process. [130.31.C.2D](#)

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The student applies concepts of critical thinking and problem

**A** analyze elements of a problem to develop creative and innovative solutions; [130.31.C.3A](#)

solving. The student is expected to: [130.31.C.3](#)

- B** analyze information to determine value to the problem-solving task; [130.31.C.3B](#)
- C** compare and contrast alternatives using a variety of problem-solving and critical-thinking skills; and [130.31.C.3C](#)
- D** conduct technical research to gather information necessary for decision making [130.31.C.3D](#)

The student demonstrates leadership and teamwork skills to accomplish goals and objectives. The student is expected to: [130.31.C.4](#)

- A** analyze leadership characteristics in relation to trust, positive attitude, integrity, and willingness to accept key responsibilities in a work situation; [130.31.C.4A](#)
- B** demonstrate teamwork skills through working cooperatively with others to achieve tasks; [130.31.C.4B](#)
- C** demonstrate teamwork processes that promote team-building, consensus, continuous improvement, respect for the opinions of others, cooperation, adaptability, and conflict resolution; [130.31.C.4C](#)
- D** demonstrate responsibility for shared group and individual work tasks; [130.31.C.4D](#)
- E** establish and maintain effective working relationships in order to accomplish objectives and tasks; [130.31.C.4E](#)
- F** demonstrate effective working relationships using interpersonal skills in order to accomplish objectives and tasks; [130.31.C.4F](#)
- G** negotiate and work cooperatively with others using positive interpersonal skills; and [130.31.C.4G](#)
- H** demonstrate respect for individuals, including those from different cultures, genders, and backgrounds, and value for diversity [130.31.C.4H](#)

The student demonstrates oral and written communication skills in creating, expressing, and interpreting information and ideas, including technical terminology and information. The student is expected to: [130.31.C.5](#)

- A** apply appropriate content knowledge, technical concepts, and vocabulary when analyzing information and following directions; [130.31.C.5A](#)
- B** employ verbal skills when obtaining and conveying information; [130.31.C.5B](#)
- C** review, use, and apply informational texts, Internet sites, or technical materials for occupational tasks; [130.31.C.5C](#)
- D** evaluate the reliability of information from informational texts, Internet sites, or technical materials and resources; [130.31.C.5D](#)
- E** interpret verbal and nonverbal cues and behaviors to enhance communication; [130.31.C.5E](#)
- F** apply active listening skills to obtain and clarify information; and [130.31.C.5F](#)

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**G facilitate effective written and oral communication using academic skills** 130.31.C.5G

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The student develops management skills for agricultural resources. The student is expected to: 130.31.C.6

**A discuss the importance of agricultural and natural resources to individuals and society;** 130.31.C.6A

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**B develop long-range land, water, and air quality management plans;** 130.31.C.6B

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**C practice equipment maintenance procedures;** 130.31.C.6C

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**D analyze the cost and maintenance of tools, equipment, and structures used in agriculture;** 130.31.C.6D

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**E describe and develop marketing strategies for agricultural and natural resources;** 130.31.C.6E

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**F decide between replacement, maintenance, repair, and reconditioning of agricultural vehicles and machinery; and** 130.31.C.6F

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**G describe and perform hazard analysis and follow safety laws** 130.31.C.6G

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The student demonstrates technical knowledge and skills required to pursue a career in the Agriculture, Food, and Natural Resources Career Cluster. The student is expected to: 130.31.C.7

**A develop advanced technical knowledge and skills related to the personal occupational objective;** 130.31.C.7A

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**B evaluate strengths and weaknesses in technical skill proficiency;** 130.31.C.7B

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**C explain the principles of safe operation of tools and equipment related to the practicum; and** 130.31.C.7C

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**D pursue opportunities for licensure or certification related to chosen career path.** 130.31.C.7D

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The student documents technical knowledge and skills. The student is expected to: 130.31.C.8

**A create a professional portfolio to include information such as:** 130.31.C.8A

i attainment of technical skill competencies; 130.31.C.8A(I)

ii licensures or certifications; 130.31.C.8A(II)

iii recognitions, awards, and scholarships; 130.31.C.8A(III)

iv extended learning experiences such as community service and active participation in career and technical student organizations and professional organizations; 130.31.C.8A(IV)

v abstract of key points of the practicum; 130.31.C.8A(V)

vi resume; 130.31.C.8A(VI)

vii samples of work; and 130.31.C.8A(VII)

viii evaluation from the practicum supervisor; and 130.31.C.8A(VIII)

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**B present the portfolio to interested stakeholders** 130.31.C.8B

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