

**SEWARD COUNTY COMMUNITY COLLEGE
COURSE SYLLABUS**

- I. **TITLE OF COURSE:** AG1904-Crop Science with Lab
- II. **COURSE DESCRIPTION:** 4 credit hours 3 credit hours of lecture and 1 credit hours of lab per week
A study of the principles of plant ecology physiology and the taxonomical divisions of economically significant plants. This course is designed to introduce and develop botanical principles regarding economic plant production practices and problems. A laboratory period is an integral part of the course designed to give the student opportunity for methodical and direct observations of plant morphology, taxonomy, and ecological principles of plant growth.
For each unit of credit, a minimum of three hours per week with one hour for class and two hours for studying/preparation outside of class is expected. Prerequisites: N/A.
- III. **PROGRAM AND/OR DEPARTMENT MISSION STATEMENT**
The Agriculture program at Seward County Community College provides opportunities to further each student's knowledge and apply specific methods and techniques to the management and performance of agricultural operations.
- IV. **TEXTBOOK AND MATERIALS**
1. Martin, Principles of Field Crop Production, Martin, Waldren, Stamp 4th Edition
- V. **SCCC OUTCOMES**
Students who successfully complete this course will demonstrate the ability to do the following SCCC Outcomes:
SCCC Outcome #1 – Read with comprehension, be critical of what they read, and apply knowledge gained to real life
SCCC Outcome #2 - Communicate ideas clearly and proficiently in writing, appropriately adjusting content and arrangement for varying audiences, purposes, and situations.
SCCC Outcome #3 - Communicate their ideas clearly and proficiently in speaking, appropriately adjusting content and arrangement for varying audiences, purposes, and situations.
SCCC Outcome #5 - Demonstrate the ability to think critically by gathering facts, generating insights, analyzing data, and evaluating information.
- VI. **COURSE OUTCOMES**
1. Students will gain an understanding of the general principles of crop science
2. Students will be able to identify crops of the grass family
3. Students will be able to identify legumes
4. Students will be able to identify crops of other plant families
- VII. **COURSE OUTLINE**
1. General Principles of Crop Production

2. Crops of the Grass Family
3. Crops of the Legume Family
4. Crops of Other Plant Families

VIII. INSTRUCTIONAL METHODS

1. Lecture and Class Discussion
2. Handouts, mass media, etc.
3. Presentations/ Projects

IX. INSTRUCTIONAL AND RESOURCE MATERIALS

1. Course textbook

X. METHODS OF ASSESSMENT

SCCC Outcome #1 will be assessed by class participation and weekly quizzes

SCCC Outcome #2 will be assessed by discussion board posts and replies

SCCC Outcome #3 will be assessed by classroom participation and final presentation

SCCC Outcome #5 will be assessed by the final presentation

XI. ADA STATEMENT

Under the Americans with Disabilities Act, Seward County Community College will make reasonable accommodations for students with documented disabilities. If you need support or assistance because of a disability, you may be eligible for academic accommodation. Students should identify themselves to the Dean of Students at 620-417-1106 or go to the Student Success Center in the Hobble Academic building, room A149.

Last Updated: 12/05/22