

**SEWARD COUNTY COMMUNITY COLLEGE  
COURSE SYLLABUS**

**I. TITLE OF COURSE:** AG2403- Vegetable Production Seminar

**II. COURSE DESCRIPTION: 3 credit hours  
3 credit hours of lecture and 0 credit hours of lab per week.**

Course will provide an overview to the production of vegetable crops from planning through production practices to harvesting and post-harvest handling.

For each unit of credit, a minimum of three hours per week with one of the hours for class and two hours for studying/preparation outside of class is expected.

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Pre-requisite: NA

**III. PROGRAM AND/OR DEPARTMENT MISSION STATEMENT:**

The agricultural program at Seward County Community College provides opportunities to further each student's knowledge and skills through a variety of courses and activities for contribution to a safe and economical food, feed, and fiber supply.

**IV. TEXTBOOK AND MATERIALS:**

No Text book required.

**V. SCCC OUTCOMES**

Students who successfully complete this course will demonstrate the ability to do the following SCCC Outcomes.

I: Read with comprehension, be critical of what they read, and apply knowledge gained to real life

II: Communicate ideas clearly and proficiently in writing, appropriately adjusting content and arrangement for varying audiences, purposes, and situations.

III: Communicate their ideas clearly and proficiently in speaking, appropriately adjusting content and arrangement for varying audiences, purposes, and situations.

IV: Demonstrate mathematical skills using a variety of techniques and technologies.

V: Demonstrate the ability to think critically by gathering facts, generating insights, analyzing data, and evaluating information

**VI. COURSE OUTCOMES:**

The student will be able to diagram and schedule a vegetable production system in High Tunnels as well as a field setting.

The student will be able to identify different vegetable crop families and the various production practices required to produce a marketable product.

The student will be able to correctly plant, seed for transplants, fertilize, irrigate, control pests and harvest at the ideal stage for numerous vegetable crops.

The student will be able to identify the scientific method and how to implement within the broader scope of natural resources management.

The student will be able to identify factors that influence natural resources management policy at local, state, and federal levels.

**VII. COURSE OUTLINE:**

1. Planning Vegetable Production
2. High Tunnel Production
3. Greenhouse Production
4. Producing Transplants
5. Weed Control
6. Nutrient Management
7. Irrigation Management
8. Planting Management
9. Transplant Management
10. Pest Control
11. Vegetable Crop Families
12. Harvest Techniques
13. Post-Harvest Handling
14. Season Extension

#### **VIII. INSTRUCTIONAL METHODS:**

Lecture and class discussion.  
Guest Speakers  
Handouts, mass media, etc.  
Hands on vegetable production practices

#### **IX. INSTRUCTIONAL AND RESOURCE MATERIALS:**

Vegetable Garden Guides from various Universities across the United States.  
Access to the SCCC 4 acre vegetable garden, four high tunnels and two greenhouses.  
Cooperative Extension Service Soil Fertility Guidelines and other production publications.

#### **X. METHODS OF ASSESSMENT:**

Methods of assessing the general course outcomes and the specific course competencies include class participation, attendance, exam scores, homework assignments, presentation assignments and actual vegetable production.

SCCC Outcomes

Outcome #1 will be assessed and measured by class participation and comprehension of material read.

Outcome #2 will be assessed and measured by oral and written explanations for thoughts and ideas related to vegetable production through assignments and oral presentations.

Outcome #3 will be assessed and measured by the student's use of the internet and library searches on topics related to vegetable production.

Outcome #4 will be assessed and measured by the student's decision regarding management decisions involved in vegetable production.

Outcome #5 will be assessed and measured by the student's use of current technologies related to vegetable production.

Academic Dishonesty:

The punishment for academic dishonesty of any form may result in dismissal from the course or a grade of zero on the work in question.

#### **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 accommodations. Students should identify themselves to the Dean of Students at 620-417-1106 or going to the Student Success Center in the Hobbie Academic building, room 149 A.

Syllabus Reviewed: 10/31/2018 16:27:10