

**SEWARD COUNTY COMMUNITY COLLEGE  
COURSE SYLLABUS**

**I. TITLE OF COURSE:** BI1113- Field Biology

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

An intra-disciplinary exploration of the environment and the ways individual perceives it, utilizing actual outdoor experiences as well as readings and formal classroom instruction. Personal growth, understanding of the natural environment and awareness of varying land uses will be emphasized. Must also be taken with PE1511 – Camp Skills and PE1521 – Hiking and Backpacking.

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.

Pre-requisite: None

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

The Science Program at Seward County Community College provides opportunities to improve and enhance each student's understanding and comprehension of the natural world through a variety of courses and experience to develop a scientifically literate citizen.

**IV. TEXTBOOK AND MATERIALS:**

Selected readings from a variety of sources will be made available.

**V. SCCC OUTCOMES**

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

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

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

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

6: Exhibit skills in information and technological literacy

7: Understand each other, moving beyond simple acceptance to embracing and celebrating the rich dimensions of diversity by working as a team to learn, engaging with community, exhibiting cultural awareness, and creating equity.

8: Show the ability to contribute to political, civic, and community responsibilities as an informed member of society

**VI. COURSE OUTCOMES:**

Upon completion of this course the student will be able to:

1. Broaden his/her educational background by integrating information and procedures from a variety of sources.
2. Appreciate the interrelatedness of ideas concepts, physical data, and means of expression.
3. Gain an understanding of man's impact on the natural environment.
4. Understand and appreciate scientific methods and information through application in field experience.
5. Recognize the interdependence of all living things and the relationships between life

forms and the physical environment.

6. Be aware of past human activity in a given environment and will understand the future relationship between human activity and a particular landscape.
7. Achieve greater self-reliance by accomplishing physical and intellectual objectives in a challenging environment.
8. Interact acceptably with peers and leaders under demanding circumstances to achieve both individual and collective goals.

## **VII. COURSE OUTLINE:**

Biology

2. Ecology
3. History/Anthropology
4. Philosophy
5. Geology
6. Literature and other art forms
7. Scientific field skills
8. Camping
9. Negotiating terrain
10. Human relations
11. Map reading
12. Outdoor cooking

## **VIII. INSTRUCTIONAL METHODS:**

This course will combine traditional classroom methodology with field study and other outdoor experiences. Methods will include:

1. Lecture
2. Discussion
3. Demonstration
4. Outdoor laboratory and practical activities
5. Data collection (note taking, photography)
6. Specimen collection (where permitted)
7. Assigned readings
8. Guest lecturers
9. Student reports

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

1. Reference books & anthologies of environmental writings, & historical backgrounds of study areas
2. Camping equipment
3. Hiking equipment
4. Maps and government publications
5. Data collection equipment
6. Slides and films when appropriate

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

Methods of assessing the general course outcomes and the specific course competencies include:

SCCC Outcome # 1 will be assessed and measured by readings assigned prior to field work and during field work.

SCCC Outcome # 4 will be assessed and measured by research techniques in the field analysis

of field data and conclusions drawn from analysis.

SCCC Outcome # 5 will be assessed and measured by use of graphing calculators and computer software to help analyze data.

SCCC Outcome # 6 will be assessed and measured by study done of area cultures past and present in the area of the field work.

SCCC Outcome # 7 will be assessed and measured by readings assigned dealing with governmental policy that impacts study area, discussion based on readings and analysis of policies within the study area.

SCCC Outcome # 8 will be assessed and measured by readings assigned dealing with governmental policy that impacts study area, discussion based on readings and analysis of policies within the study area.

**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: 11/20/2018 15:51:49