



CC APPROVAL: 09/06/2017
ACADEMIC SENATE APPROVAL: 09/13/2017
BOT APPROVAL: 10/09/2017
STATE ID: CCC000059326
EFFECTIVE TERM: Fall 2018

College of the Sequoias Course Outline of Record

SUBJECT AREA AND COURSE NUMBER: AG 001

COURSE TITLE: AG, SOCIETY & THE ENVIRONMENT

UNITS/HOURS

Units: 3

Hours:

Lecture Hours Per Week: 3

Lab Hours Per Week:

Activity Hours Per Week:

Total Hours Per Week: 3

Total Lecture Hours Per Semester: 52.5

Total Lab Hours Per Semester:

Total Activity Hours Per Semester:

Total Contact Hours Per Semester: 52.5

TOP CODE: 0112.00 - Agriculture Business, Sales and Service*

SAM CODE: Possibly Occupational

Cross-Listed Courses:

CATALOG COURSE DESCRIPTION:

The sociology of agriculture (Ag) is presented through examination of relationships between societies and their environments, economics and Ag. Emphasis is on analysis of agriculture's use of technology and the corresponding impact on the environment, economy, and society.

REQUISITES:

NONE

FIELD TRIP REQUIREMENTS: Not Required

GRADING: S - Standard Grading A-F

REPEATABLE:

TRANSFERABLE:

Approved UC BA Transferable (1-99)

YES

METHODS OF INSTRUCTION:

Methods of instruction may include, but are not limited to, the following:

* Lecture and/or Discussion

METHODS OF EVALUATION:

A student's grade will be based on multiple measures of performance unless the course requires no grade. Multiple measures may include, but are not limited to, the following:

- Essay quizzes or exams
- Multiple choice tests
- Short answer quizzes or exams
- Oral presentations
- Project

COURSE TOPICS:

1. The History of Agriculture
2. What Do Humans Raise or Grow?
3. The Story of Teosinte
4. Livestock Production
5. Introduction to Mendelian Genetics
6. Soil and Water: The Two Most Important Resources
7. America and Its Agricultural Roots
8. The Green Revolution
9. The Biotechnology Revolution
10. Farm Equipment
11. The Role of the US Department of Agriculture
12. Careers and Opportunities in Agriculture

OUTCOMES:

Course Objectives

The main concepts for this course will ask students to...

1. define and explain the relationship that agriculture has had and continues to have on society.
2. relate, in both written and spoken form, the relationship between the development of corn and the growth of the Americas.
3. explain the relationship of livestock production and its influence on soil and water management.
4. explain the importance of basic genetics and the production of food and fiber.
5. define the Green Revolution and its role in the agriculture biotechnology Revolution.
6. explain the role and application of technology to the production of food and fiber.
7. explain how the US Department of Agriculture impacts students' lives.
8. define and explain some of the more timely careers in agriculture.

Assignments

Reading:

In a possible reading assignment students will be asked to read an article about water management in California then, after discussing it in a smaller group, they shall report back to the entire class.

Writing:

In a possible writing assignment students will be asked to interview a USDA Farm Advisor about their role in the food supply for our nation and then write an article about that person and their job.

Homework:

In a possible homework assignment students would be asked to choose one food item from the store and research how that item got to the store for consumption.

TEXTS AND SUPPLIES:

Textbooks may include, but are not limited to:

TEXTBOOKS:

MANUALS:

PERIODICALS:

1. *Drip by Drip*, The Progressive Farmer 2017-02-12 00:00:00.0
2. *Variabel and Wireless*, Farm Journal 2016-10-23 00:00:00.0
3. *USDA Introduces quicker easier guaranteed loans*, Ag Alert 2016-10-26 00:00:00.0

MATERIALS FEE: NO

OTHER:

Distance Ed

SLO: <http://cos.edu/CO318>

[AG1 SLOs](#)

ORIGINATOR: Frank Tebeau

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