

**AG 53 Course Outline as of Fall 1981****CATALOG INFORMATION**

Dept and Nbr: AG 53                      Title: SOIL & PLANT NUTRIT  
 Full Title: Soil & Plant Nutrition  
 Last Reviewed: 1/28/2019

| Units   |      | Course Hours per Week |      | Nbr of Weeks | Course Hours Total |       |
|---------|------|-----------------------|------|--------------|--------------------|-------|
| Maximum | 3.00 | Lecture Scheduled     | 2.00 | 17.5         | Lecture Scheduled  | 35.00 |
| Minimum | 3.00 | Lab Scheduled         | 3.00 | 17.5         | Lab Scheduled      | 52.50 |
|         |      | Contact DHR           | 0    |              | Contact DHR        | 0     |
|         |      | Contact Total         | 5.00 |              | Contact Total      | 87.50 |
|         |      | Non-contact DHR       | 0    |              | Non-contact DHR    | 0     |

Total Out of Class Hours: 70.00

Total Student Learning Hours: 157.50

Title 5 Category: AA Degree Applicable

Grading: Grade Only

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly:

**Catalog Description:**

Physical, chemical and biological properties of soil; influences on soil by climate, parent material, topography, time and microorganisms; methods of evaluating soil and soil use; soil, water, plant and fertilizer relationships; fertilizer composition, manufacture, distribution and application techniques; field laboratories and trips required.

**Prerequisites/Corequisites:****Recommended Preparation:****Limits on Enrollment:****Schedule of Classes Information:**

Description: Physical, chemical & biological properties of soil. Soil, water & plant relationships. (Grade Only)

Prerequisites/Corequisites:

Recommended:

Limits on Enrollment:

Transfer Credit: CSU; (CAN AG14)

Repeatability: Two Repeats if Grade was D, F, NC, or NP

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

|                      |                      |                     |            |           |
|----------------------|----------------------|---------------------|------------|-----------|
| <b>AS Degree:</b>    | <b>Area</b>          |                     | Effective: | Inactive: |
|                      | C                    | Natural Sciences    | Fall 2019  |           |
| <b>CSU GE:</b>       | <b>Transfer Area</b> |                     | Effective: | Inactive: |
|                      | B1                   | Physical Science    | Fall 2019  |           |
|                      | B3                   | Laboratory Activity |            |           |
| <b>IGETC:</b>        | <b>Transfer Area</b> |                     | Effective: | Inactive: |
|                      |                      |                     |            |           |
| <b>CSU Transfer:</b> | Transferable         | Effective:          | Fall 1981  | Inactive: |
|                      |                      |                     |            |           |
| <b>UC Transfer:</b>  |                      | Effective:          |            | Inactive: |

### **CID:**

CID Descriptor: AG - PS 128L Introduction to Soil Science

SRJC Equivalent Course(s): AGRI60

### **Certificate/Major Applicable:**

Not Certificate/Major Applicable

## **COURSE CONTENT**

### **Outcomes and Objectives:**

### **Topics and Scope:**

### **Assignment:**

### **Methods of Evaluation/Basis of Grade:**

**Writing:** Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

None

Writing  
0 - 0%

**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

None

Problem solving  
0 - 0%

**Skill Demonstrations:** All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

None

Skill Demonstrations  
0 - 0%

**Exams:** All forms of formal testing, other than skill performance exams.

None

Exams  
0 - 0%

**Other:** Includes any assessment tools that do not logically fit into the above categories.

None

Other Category  
0 - 0%

**Representative Textbooks and Materials:**