

AGRI 112C : Practical Applications for Sustainable Agriculture I

This 8-week course will take place at a local farm using sustainable agriculture practices. Students will participate in all levels of farm operation from seed selection and ordering to pest, soil and water management, and transplanting crops. Focus areas will include soil analysis, financial and regulatory record keeping, greenhouse set up, chemical use and safety, and equipment selection and operation.

Credits 2

Lab/Practicum/Clinical Hours 3

Lecture Hours 1

Learning Outcomes

- Evaluate the appropriate plants for various growing conditions, size of operation, and likely pests.
- Plant seedlings in working greenhouse and fields.
- Create a farm portfolio and track planting records, soil test results, field applications, licenses and cost expenditures.
- Apply appropriate chemical safety techniques.
- Demonstrate proper care and operation of farm equipment.