

## Tompkins Cortland Community College

### Master Course Syllabus

**Course Discipline and Number: ENVS 142**

**Year: 2023-2024**

**Course Title: Spring Farming Internship**

**Credit Hours: 2**

**Attendance Policy:** *To maintain good grades, regular attendance in class is necessary. Absence from class is considered a serious matter and absence never excuses a student from class work. It is the responsibility of all instructors to distribute reasonable attendance policies in writing during the first week of class. Students are required to comply with the attendance policy set by each of their instructors. Students are not penalized if they are unable to attend classes or participate in exams on particular days because of religious beliefs, in accordance with Chapter 161, Section 224-a of the Education Law of the State of New York. Students who plan to be absent from classroom activity for religious reasons should discuss the absence in advance with their instructors. See college catalog for more information.*

**Services for Students with Disabilities:** *It is the College's policy to provide, on an individual basis, reasonable accommodation to students with disabilities, which may affect their ability to fully participate in program or course activities or to meet course requirements. Students with disabilities should contact the Coordinator of Access and Equity Services, to discuss their particular need for accommodations. All course materials are available in alternate formats upon request.*

#### Course Description

Through hands-on farming experience and site visits to area farms, students will be immersed in the use of farm management techniques that apply key sustainable agriculture concepts. Students will learn proper techniques for farm planning, crop rotation, soil preparation, seed starting, transplanting, direct seeding, season extension, marketing, record keeping, and other aspects of spring farm management and maintenance. Lab fee required. Prerequisite: NONE. 2 Cr. (6 Lab). Fall Semester.

#### Course Context/Audience

ENVS 142 is a required course for students enrolled in the Sustainable Farming & Food Systems, A.A.S degree program. It may also be used as an unrestricted elective.

#### Basic Skills/Entry Level Expectations

**Writing:** NONE

**Math:** NONE

**Reading:** NONE

#### Course Goals

Upon successful completion of this course, students will be able to implement crop production techniques needed to manage and maintain a diversified sustainable farming operation through the spring season.

## Course Objectives/Topics

Objective/Topic	% Course
The student will gain a critical understanding of the techniques for evaluating, maintaining, and managing a sustainable vegetable production operation	Throughout
The student will gain practical farming skills in the following, but not limited to, areas: (1) crop planning and crop rotation; (2) planting bed preparation; (3) direct seeding and vegetable transplant production; (4) season extension on diversified vegetable farm; (5) preparing a vegetable farm for the growing season; (6) direct marketing.	Throughout
Field trips to area farms	0-5%

## General Education Goals - Critical Thinking & Social/Global Awareness

CRITICAL THINKING OUTCOMES	HOW DOES THE COURSE ADDRESS THE OUTCOMES (Include required or recommended instructional resources, strategies, learning activities, assignments, etc., that must or could be used to address the goal/outcomes)
<p>Students will be able to</p> <ul style="list-style-type: none"> <li>➤ develop meaningful questions to address problems or issues.</li> <li>➤ gather, interpret, and evaluate relevant sources of information.</li> <li>➤ reach informed conclusions and solutions.</li> <li>➤ consider analytically the viewpoints of self and others.</li> </ul>	<p>This course will use an inquiry based approach to look at the various aspects of fall vegetable crop production.</p> <p>Students will gain a comprehensive understanding of various techniques and methodologies used in evaluating, maintaining, and enhancing overall production management in a sustainable vegetable operation.</p> <p>Students will be asked to evaluate their own personal beliefs and those of others in the context of current knowledge in the practice of economically, socially, and environmentally sustainable farm management. .</p> <p>These outcomes are addressed through hands-on practical farm experience, lectures, discussion, farm walks, and field trips.</p>
SOCIAL/GLOBAL AWARENESS OUTCOMES	HOW DOES THE COURSE ADDRESS THE OUTCOMES (Include required or recommended instructional resources, strategies, learning activities, assignments, etc., that must or could be used to address the goal/outcomes)
<ul style="list-style-type: none"> <li>➤ Students will begin to understand how their lives are shaped by the complex world in which they live.</li> <li>➤ Students will understand that their actions have social, economic and environmental consequences.</li> </ul>	<p>Students will be able to understand how their farm management choices impact ecological systems and the surrounding environment.</p> <p>The course will examine the social dimension of sustainable farm management, and focus on why sustainable solutions must consider social context.</p> <p>The course examines the economic dimension of sustainable farming, and focuses on why sustainable farm management and must consider economic feasibility.</p> <p>Students are asked to consider how their lifestyles and food choices affect the environment.</p> <p>These outcomes are addressed through practical hands-on farming experience, lecture, discussion, farm walks, and field trips-</p>

## Instructional Methods

Lectures, discussion, readings, field trips, farm walks, and hands-on practical experience are all appropriate.

## Methods of Assessment/Evaluation

Method	% Course Grade
Participation	20-60%
Lab Journals	20-50%
Practical Skills	20-50%
Project Assignments	0-40%

## Text(s)

Sustainable Vegetable Production From Start-Up to Market, Grubinger, V. 1999. NRAES. (ISBN 0-935817-45-X)  
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## Bibliography

Sullivan, P. 2003. *Applying the Principles of Sustainable Farming*. NCAT-ATTRA

Coleman, Eliot. *The New Organic Grower: A Masters Manual of Tools and Techniques for the Home and Market Gardener* (2<sup>nd</sup> ed.).Chelsea Green: White River Junction, VT.

## Other Learning Resources

<b>Audiovisual</b> No resources specified
<b>Electronic</b> <a href="http://www.smallfarms.cornell.edu">www.smallfarms.cornell.edu</a> <a href="http://www.growingformarket.com">www.growingformarket.com</a> <a href="http://smallfarms.cornell.edu/">http://smallfarms.cornell.edu/</a>
<b>Other</b> No resources specified