



Syllabus

HRT 220 Field Experiences in Horticulture

General Information

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Department Conservation

Course Prefix HRT

Course Number 220

Course Title Field Experiences in Horticulture

Course Information

Catalog Description This is a capstone course to both the Horticulture degree and certificate. Students will combine the following: several short classroom sessions with at least fifty (50) hours of individual experience in the field, and the horticulture exit exam. Classroom topics will include review in major subject categories, career opportunities, tools for successful achievement of employment, and professional certifications. Field experience opportunities can be suggested by faculty or by the student and will vary with student interest. The horticulture exit exam is both written and walking and includes identification of plants, pests, diseases, IPM, soils, and tools common to horticulture.

Credit Hours 2

Lecture Contact Hours 2

Lab Contact Hours 0

Other Contact Hours 0

Grading Scheme Letter

Prerequisites

AAS Horticulture: Successful completion of AGR 100 and twelve (12) credit hours of Horticulture courses or Certificate Horticulture: Successful completion of AGR 100 and nine (9) credit hours of Horticulture courses.

Co-requisites

None

First Year Experience/Capstone Designation

This course is designated as satisfying the outcomes applicable for status as a Capstone Course

SUNY General Education

This course is designated as satisfying a requirement in the following SUNY Gen Ed categories

None

FLCC Values

Institutional Learning Outcomes Addressed by the Course

Vitality, Inquiry, Perseverance, and Interconnectedness

Course Learning Outcomes

Course Learning Outcomes

1. Apply professional horticultural skills through a combination of on- and off-campus field experience.
2. Practice horticulture content (assess and apply best-practices for the installation, culture, and management of plants in diverse settings) in preparation for an exit exam.
3. Prepare for employment by searching for a job, preparing a resume, practicing peer review of the resume, and applying for jobs.
4. Practice the collection, preservation, analysis, and presentation of quantitative data in the culture and maintenance of plants using spreadsheet software.

Outline of Topics Covered

1. Course Introduction
 - a. Requirements for successful completion
 - b. Forms
2. Classroom Components
 - a. Obtaining Jobs
 - i. Careers in the Field
 - ii. Resume writing
 - iii. Cover letter Writing
 - iv. Individual discussion regarding Field Experience opportunities
 - v. Interview tips and recommendations

- b. Professional life beyond college
 - i. Professional Certifications
 - ii. Trade Shows
 - iii. Volunteerism
- c. Review Workshops
 - i. Deciduous Woody plants – Key id features, pests, diseases, IPM
 - ii. Coniferous woody plants – Key id features, pests, diseases, IPM
 - iii. Herbaceous plants – Key id features, pests, diseases, IPM
 - iv. Soils
 - 1. Characteristics of soils
 - 2. Sampling and testing
 - 3. Fertilizer calculations
 - 4. Cause and Effect of changes on soils
 - v. Tools of the trade
 - vi. Hand tool review
- 3. Horticulture Exit Exam
 - a. 100 points written questions
 - i. Site Analysis
 - ii. Soils
 - iii. Plant Materials key id features
 - iv. Fertilizer calculations
 - v. Tools of the trade
 - b. 100 points walking the campus, greenhouse, arboretum questions