



Syllabus

HRT 220 Field Experiences in Horticulture

General Information

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Author

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Department

Environmental Conservation and Horticulture

Course Prefix

HRT

Course Number

220

Course Title

Field Experiences in Horticulture

Course Information

Credit Hours

2

Lecture Contact Hours

2

Lab Contact Hours

0

Other Contact Hours

0

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.

Key Assessment

This course does not contain a Key Assessment for any programs

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

Grading Scheme

Letter

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 category
None

FLCC Values

Institutional Learning Outcomes Addressed by the Course

Vitality
Inquiry
Perseverance
Interconnectedness

Course Learning Outcomes

Course Learning Outcomes

1. Create a professional resume and cover letter.
2. Evaluate a variety of field experience opportunities.
3. Successfully complete a field experience internship position at an off-campus job opportunity.
4. Score 70% or higher on either the horticulture program exit exam, or the NYS Certified Nursery and Landscape Professional (CNLP) exam.

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