Syllabus

HRT 220 Field Experiences in Horticulture

General Information

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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
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