**Identifying Plants for the Home and Garden: Garden, Annual and Potted Plants**

HORT 4113 [1 credit) - 6 weeks – January, 2018 – March 2018)

Monday 1:15-3:10 pm (Alderman 405)

Website: <https://www.plantgrower.org/horticulture-herbaceous-plant-identification-hort-4015.html>

**Instructor:**

Dr. John Erwin

Email: erwin001@umn.edu; Cell: 612-385-6863 (call before 10 pm); Office: 462 Alderman Hall

**Introduction:**

There are many strange and usual plants that are grown as horticulture crops, ornamentals, or collectable plants. Venus fly traps, bulbs, orchids, vines, cacti and succulents. Students will learn how to identify these crops, learn their common and scientific names, and how these plants have adapted physiologically to survive stressful conditions. Over 100 plants/crops will be covered during this course. Students will be expected to be able to identify plants from images, whole plants, and/or plant parts. Information will be presented and/or learned using lectures, field trips, exercises, and homework, and a course project. Students will also grow potted herbs/vegetables crops as part of this class.

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**Goals:**

1. Students will be able to identify plants presented from samples and images.
2. Students will know common and Latin names of each plant.
3. Students will learn the basics of growing of crops.

**Desired Student Learning Outcomes:**

1. Can locate and critically evaluate information.
2. Master a body of knowledge and a mode of inquiry.
3. Communicate effectively in written form.

**Assessments Overview:**

Student evaluation will occur through cumulative quizzes (30 minutes after the start of class; 1:45pm) and a paper (expectation of minimum of 8 pages double spaced). Quiz values will increase over time as more information is studied for each. Failure to turn the paper in on time (last day of class by the end of class) will result in a 10% reduction in the maximum grade possible per day late. Students should anticipate studying/working 2 hours per weekday for this class after class.

**Grading:**

 Points

Quizzes (Quiz #1 = 50, #2=75, #3=100, #4=125 points,

 #5 = 150 points) . . . . . . 500

Paper . . . . . . . . . 150

Total . . . . . . . . . 650 points total

**Class Schedule:**

Date Topic

Class #1 Introduction, review of syllabus

 Vegetables

Class #2 Fruits & Herbs

* Quiz #1

Class #3 Foliage/Indoor Plants I

* Quiz #2

Class #4 Foliage/Indoor Plants II & Potted Plants

* Quiz #3

Class #5 Bedding & Unusual Plants

* Quiz #4

Class #6 Plant Adaptations to adverse conditions

* Quiz #5

**University Policy Statements:**

Please refer to

<http://www.policy.umn.edu/Policies/Education/Education/SYLLABUSREQUIREMENTS_APPA.html>

for exact language on the University’s policies related to:

1. Student conduct code
2. Use of personal electronic devices in classroom
3. Scholastic dishonesty
4. Makeup work for legitimate absences
5. Appropriate student use of class notes and course materials
6. Grading and transcripts
7. Sexual harassment
8. Equity, diversity, equal opportunity, and affirmative action
9. Disability accommodations
10. Mental health and stress management
11. Academic freedom and responsibility: for courses that do/do not involve students in research.