Syllabus - HORT 420
Plant Propagation

Instructor: Todd P. West
Office Hours: MWF 9:00 A.M – 12:00 P.M.
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Room 2090
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Course Description
This course is designed to acquaint the student with most aspects of plant propagation. It is felt that a broad knowledge of the subject will prepare a student for the diversity of commercial production. The successful student will acquire an understanding of the principles underlying present-day propagation practices. The course format is designed to present plant propagation principles and practices to students using lectures with discussion, practical hands-on laboratory exercises, and supplemental internet based learning utilizing Web Course Tools (WebCT) and Mountaineer Information Xpress (MIX). This course requires student participation in a service based learning project involving instruction of plant propagation principles to local youth participating in the Morgantown Boys and Girls Club. Three credit hours.

Course Prerequisites
HORT 220, PLSC 206 or consent.

COURSE SCHEDULE
Lecture: MW 12:00 P.M. – 12:50 P.M., GRH-E
Lab: T 2:00 P.M. – 4:45 P.M., GRH-E

COURSE OBJECTIVES
The objectives of this course are designed to:
1. Acquaint students with the art, culture, and science of plant propagation.
2. To gain an understanding of the language of plant propagation.
3. To understand the cultural practices that are necessary to support successful propagation.
4. To gain through understanding of the subject and to be able to solve problems and work as a propagator.
5. To provide students with information and tools that will enable them to be successful in their academic career.

EXPECTED LEARNING OUTCOMES
Upon successful completion of this course:
1. Students will have a strong base knowledge of plant propagation principles and practices.
2. Students will have a better understanding of the factors involved in horticultural crop propagation.
3. Students will understand the importance of modern techniques used in conjunction with age old propagation practices.
4. Students will be aware of the opportunities of involvement with different horticultural organizations and societies.
5. Students will be aware of the available horticultural employment opportunities in association with propagation.
6. To give students the opportunity to experience service learning relating to the horticulture field giving valuable hands-on horticulture training accompanied with community outreach.

REQUIRED TEXTBOOK AND MATERIALS

**Each student must have a small pocket knife and pruning shears by Lab #2.**

RECOMMENDED ALTERNATE TEXTBOOKS AND ADDITIONAL SOURCES


http://bluestem.hort.purdue.edu/plant/
Purdue Landscape and Nursery Thesaurus (PLANT); select “Propagation” from the index.
GRADING
Course Grade (Consists of the following)

<table>
<thead>
<tr>
<th>Grading</th>
<th>Schedule</th>
<th>Points</th>
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<tbody>
<tr>
<td>Exam I*</td>
<td>Tuesday, February 14th, 2006</td>
<td>100</td>
</tr>
<tr>
<td>Exam II*</td>
<td>Tuesday, April 4th, 2006</td>
<td>100</td>
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<tr>
<td>Final Exam</td>
<td>Friday, May 5th, 2006 at 3:00 P.M. – 5:00 P.M.</td>
<td>200</td>
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<tr>
<td>Quizzes (10 quizzes worth 10 pnts each)**</td>
<td>Weekly During Laboratory Time</td>
<td>100</td>
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<tr>
<td>Email Assignment</td>
<td>Due Friday, January 13th, 2006</td>
<td>10</td>
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<tr>
<td>Propagation URL (WWW) Assignment</td>
<td>Due Wednesday, January 18th, 2006</td>
<td>10</td>
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<tr>
<td>WebCT Biographical Essay</td>
<td>Due Wednesday, January 22nd, 2006</td>
<td>10</td>
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<tr>
<td>Plant Propagation Job Assignment</td>
<td>Due Wednesday, February 22nd, 2006</td>
<td>50</td>
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<tr>
<td>Laboratory Reports</td>
<td>Due Each Week, Beginning April 2006</td>
<td>100</td>
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<tr>
<td>Propagation Project and Paper</td>
<td>Due on Wednesday, April 21st, 2006</td>
<td>200</td>
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<td>Total</td>
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<td>880</td>
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*Exams will be given during the laboratory periods.

**Eleven quizzes will be given. The quiz with the lowest grade or a missed (excused or unexcused) quiz will be dropped.

Point System: 880 total assigned points.

A  >= 792  (90-100%)
B  >= 704  (80-90%)
C  >= 616  (70-80%)
D  >= 528  (60-70%)
F  <= 527  (<60%)

COURSE POLICIES
This course will adhere strictly to WVU’s general course policies with respect to attendance, accommodating religious observances, disruptive/threatening behavior, incompletes, course changes (add/drop), and the release of personal information.

In Case You Are Late or Absent: It is your responsibility to get the course notes, handouts, and laboratory assignments should you miss class or be late.

Examination Policy
Three announced written exams, and eleven unannounced quizzes will be given. No make-up exams will be allowed without prior arrangements being made. Make-up tests must be taken when scheduled. No make-up quizzes will be allowed.

LECTURE, LABORATORY, AND EXAMINATION SCHEDULE
Lectures will emphasize the text material with supplemental information being presented to complete lecture material. Exam material will reflect information presented in lectures, laboratories, field trips, assigned textbook chapters and supplemental reading assignments. Exams will be given during laboratory periods. Final Exam will be comprehensive.

Quizzes will be given at the beginning of each laboratory section and will include material from assigned readings, lectures, laboratory projects for that week and results of laboratory experiments.

LATE ASSIGNMENTS WILL BE REDUCED 10% FOR EVERY DAY IT IS LATE.

FIELD TRIPS
This course may go on a few select field trips to expose students to various local horticulture industries and/or propagation practices. Field trips will be during lecture and/or laboratory periods depending on time scheduling. Attendance is mandatory and travel will be provided.

STUDENTS ARE NOT ALLOWED TO DRIVE THEMSELVES OR OTHERS ON FIELD TRIPS!