

**PSPP 447**  
**Advanced Plant Propagation**

Fall 2008

Tue, Thur. 10:00 – 12:30

211 PGC

**Instructor:** Bill Hoch  
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**Office hours:** 11:00 - 12:30p.m. Monday, Wednesday or by appointment.

**Objectives:** Provide students with a thorough understanding of the physiology and biology underlying specialized sexual and asexual plant propagation techniques. Students will receive extensive tissue culture experience, using an experimental approach to learning the in vitro techniques of shoot, callus suspension culture, micropropagation and embryogenesis.

**Grading:** Grading will be based on the percentage of the total possible points earned by:

- Lab Reports: Lab reports should be updated periodically, and are due one week after completion of the experiment. Report grading will be based on the completeness and clarity of information. Each lab report is worth 25 pts.

- Midterm exam: October 21<sup>st</sup>. 100 pts.

written - Paper/Presentation: Students will research a topic related to plant propagation, and present their findings in a 5-6 page report and a 10-15 min. presentation to the class. 100 pts.

- Final exam (optional): Dec. 15<sup>th</sup>, 2 - 3:50 pm. 100 pts. The score on the cumulative final exam, if high enough, will replace the student's lowest 100 pts.

- Participation: 50pts.

Final grades will be determined based on the following grading scale:

A	94-100
A-	90-93
B+	87-89
B	84-86
B-	80-83
C+	77-79
C	74-76
C-	70-73
D+	67-69
D	60-66

**Course Notes:** All course-related material (lecture notes, class data, etc.) will be available on MyMSU Portal. Go to:

'MyMSU Portal' (on the lower-left of MSU homepage)  
'login'  
'Academics' tab  
'My Courses'  
'Advanced Plant Propagation'  
'Files'

**Academic  
Misconduct:**

Students violating MSU academic standards of conduct (e.g. cheating, falsification, plagiarism, etc.) will be subject to the University's academic and/or disciplinary sanctions. The complete policy can be found online at:  
[http://www2.montana.edu/policy/student\\_conduct/cg400.html](http://www2.montana.edu/policy/student_conduct/cg400.html)