

# Agronomy 105 Crop Production

Purdue University

Spring 2012

8:30 to 9:20 AM Tuesday & Thursday Lecture  
& Tuesday Labs

## Professor for AGRY 105



Dr. Lori Unruh Snyder

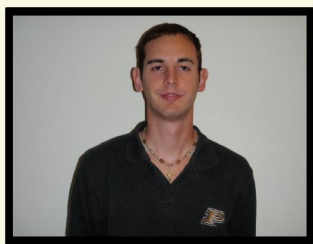
Office: Lilly 2-414E

E-mail: [lusnyder@purdue.edu](mailto:lusnyder@purdue.edu)

Phone: (765)-496-3204 [Office]

Office Hours: Thursday, 9:30-10:30 am; also by appt.

## Teaching Assistant for AGRY 105



Travis Sondgerath

Office : CRC- Lilly 2-417 Email [tsondger@purdue.edu](mailto:tsondger@purdue.edu)

CRC Office hours: Mondays 12 to 5 pm, also by appt.

Location - Location - Location!

Lecture Room: Lilly 3-102

Lab Room: Lilly2-407

**Course Description:** This course is about the fundamental principles of crop production. The class and lab will combine ways to apply technological advances in agronomy to active crop-production situations, including basic soils, agricultural meteorology, and crop physiology and breeding.

### **Course Goals:**

This course is designed to help you:

- Develop an understanding of crop production
- Become aware of agronomic resources
- Improve your ability to ID crop and weed plants

**Learning Objectives:** Listed with lecture topic

### **Crops Resource Center: Lilly 2-417.**

The CRC is a great study tool for all students taking this class. Teaching assistants are available in room 2-417 from 8:30 a.m. to 5:00 p.m. Monday thru Friday.. If you have any questions please feel free to ask the teaching assistants. The study materials for your crop and weed ID quizzes are also available there.

### **Text for Class and Lab:**

The book is available at The University book store and Follett's bookstore. Title of the book: Introduction to Crop Production by Dr. Lori Unruh Snyder. The book has a yellow cover and is about 1inch thick. The book includes materials for both the lecture and the lab.

ISBN: 978-1-60904-025-3

Required Purchase: **3 ring binder that is at least 1 ½ inch for additional class or lab handouts.** We will also supply each student with a free copy of the Corn and Soybean Guide Book. If you lose your free copy, no other copies can be provided. Copies are limited.

# Information

## **Class Grades:**

We base your grade in this course on the points you accumulate from lab and class assignments. Please keep recorded of your total points for it is your responsibility to know your total.

Grades in this class are administered on a point-based scale. Once the course is over, your points will be tabulated (both class and lab points) and the total points received will be used to determine your final grade.

## **Class Website:**

From the class website, you can access Blackboard, a copy of the syllabus, find the instructor's and TA's contact information, study information for crop/weed ID quizzes, and the lab schedule.

<http://www.agry.purdue.edu/courses/agry105/>

## **Blackboard**

Blackboard will be used for posting information related to class and lab on the internet. Blackboard can be found at:

<http://www.itap.purdue.edu/tlt/blackboard/>

## **Planning to Miss Class?**

A letter memo in advance from the faculty member in charge of a field trip or other activity is usually adequate for an excused absence. In the event that an unforeseen event occurs (i.e. illness), a written excuse (i.e. doctor's note) should be presented to the instructor upon your return to ensure that you have the opportunity to make up missed work. ALWAYS, the student is responsible for getting class lecture materials made up from an excused absence, if applicable.

Purdue's attendance policy is available at

<http://www.purdue.edu/odos/services/classabsence.php>

## **Course Policy on Academic Dishonesty**

University Policy States: "The commitment of the acts of cheating, lying, stealing and deceit in any of their diverse forms (such as the use of ghost-written papers, the use of substitutes for taking examinations, the use of illegal cribs, plagiarism and coping during examination) is dishonest and must not be tolerated. Moreover, knowingly to aid and abet, directly or indirectly, other parties in committing dishonest acts is in itself dishonest (University Senate Document 72-18, December 15, 1972)."

Academic dishonesty in this course will not be tolerated. Academic dishonesty will consist of the following actions:

1. Obtaining or using work other than your own on tests and quizzes.
2. Unauthorized use of study aids, answer or crib sheets.
3. Soliciting or providing answers on tests or quizzes.

Students who violate the above policy can expect disciplinary action. Disciplinary action may consist of receiving a zero on the assignment, failing the course, being reported to the Dean of Students, or other action as deemed appropriate by the course instructor.

## **Students with Disabilities**

Purdue University is required to respond to the needs of the students with disabilities as outlined in both the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 through the provision of auxiliary aids and services that allow a student with a disability to fully access and participate in the programs, services, and activities at Purdue University.

If you have a disability that requires special academic accommodation, please make an appointment to speak with me within the first week of the semester in order to discuss any adjustments. It is important that we talk about this at the beginning of the semester. It is the student's responsibility to notify the Disability Resource Center (<http://www.purdue.edu/drc>) of an impairment/condition that may require accommodations and/or classroom modifications.

# Homework and Exams and Labs - *Oh my!*

## Lecture Class Participation:

For practical purposes, attendance is required. There will be several in-class assignments administered. Sometimes, I will give a short questionnaire about "What in this lecture/chapter was not clear?" or we will have movies and questions to ask while watching the in class movie. Movies can only be shown in class. Make-ups for in-class assignments will only be administered if the student can provide a valid excuse (i.e. doctor's note).

## Homework:

Periodically, students will be assigned homework. Each homework assignment will have a specific due date. All assignments are due on their exact date, and there will be no exceptions to this rule; assignments can always be turned in early. Grades will be posted each Friday to Blackboard and all homework should be turned in to ensure grading time to ensure posting time.

LATE ASSIGNMENTS WILL HAVE A DEDUCTION OF 5% FOR EACH DAY LATE.

NOTE: ALL ASSIGNMENTS UNLESS OTHERWISE NOTED WILL BE DUE IN THE CRC by 5 PM.

## Exams

The exams will cover material from lectures and class assignments. There will be no make-up exams offered unless you have a doctor's note or previous arrangements. Question formats on each exam will include: true/false, multiple choice, short answer, fill-in-the blank, and matching. This class will not have a class final during final exam week, because of the design of the course.

## Plant of the week extra credit:

Not only can you earn extra credit from pre-quiz crop and weed ID quizzes, but also by identifying the plant of the week! (which is located in the CRC). Each week, a new plant will be placed in the CRC. To receive full credit, you must turn in a questionnaire about each plant.



## Recitation Hours:

### Crop and Weed Identification:

There are two crop and weed identification quizzes for this class. A chart stating what plants will be on each quiz is located in the Crops Resource Center.

## iFARM RESOURCES

iFARM (internet Fundamental Agriculture Resource Materials) will take place during the course of the semester as a tool to help retain information learned in both class and lab. You will have a pretest, worksheet and a post test to complete for each iFARM assignment. You can use the computers within the CRC room or any computer where you have access to blackboard. Part of iFARM activities will also be doing a few activities with a program I created called Cropview, which will introduce you to the top important crop plants around the world. There will most likely be a few required iFARM activities, we will keep you informed.

## Lab Activities:

Students are required to participate in all labs. Some labs will feature a movie, group games, or material reviews. During each of these activities, students will be required to participate in and fill-out and turn in any paper work/assignments associated with those activities. There are several in lab assignments distributed throughout the semester which are due by the end of lab or the next following lab.

## Project Activity:

Students are required to participate in the project activity, which will be assigned after Spring Break. This will include some assessments, reports and presentations. The project has an international context and is related to crop production systems. More information will be provided at a later date.

*But Dr. Snyder, what about the lab exam?*

*Keep reading to find out!*

# Grading Procedure

## Lab Practicum:

There will be two non-cumulative lab practicum exams. Also there will be two weed and crop ID exams. At any time during lab, if you feel that you do not understand a concept or a procedure, please see one of the lab instructors so that we can clear things up for you.

## Emergencies:

In the event of a major campus emergency, course requirements, deadlines and grading percentages are subject to changes that may be necessitated by a revised semester calendar or other circumstances beyond the instructor's control. Relevant changes to this course will be posted onto the course website or can be obtained by contacting the instructors or TAs via email or phone. You are expected to read your @purdue.edu email on a frequent basis.

## Nondiscrimination :

Purdue University is committed to maintaining a community which recognizes and values the inherent worth and dignity of every person; fosters tolerance, sensitivity, understanding, and mutual respect among its members; and encourages each individual to strive to reach his or her own potential. In pursuit of its goal of academic excellence, the University seeks to develop and nurture diversity. The University believes that diversity among its many members strengthens the institution, stimulates creativity, promotes the exchange of ideas, and enriches campus life.

Purdue University prohibits discrimination against any member of the University community on the basis of race, religion, color, sex, age, national origin or ancestry, marital status, parental status, sexual orientation, disability, or status as a veteran. The University will conduct its programs, services and activities consistent with applicable federal, state and local laws, regulations and orders and in conformance with the procedures and limitations as set forth in Executive Memorandum No. D-1, which provides specific contractual rights and remedies.

## Lecture:

|                        |     |
|------------------------|-----|
| In class Participation | 30  |
| Homework               | 80  |
| Project                | 50  |
| Exam 1                 | 100 |
| Exam 2                 | 100 |
| Exam 3                 | 100 |

**Lecture Total Points: 460**

## Lab:

|                                         |     |
|-----------------------------------------|-----|
| Lab Participation, Questions & Homework | 120 |
| Weed and Crop ID exam 2 @ 35 each       | 70  |
| Midterm Practicum                       | 50  |
| Non-Cumulative Final Practicum          | 50  |

**Lab Total Points: 290**

**Final Total: 750**

## Extra Credit:

|                                |     |
|--------------------------------|-----|
| Plant of the Week (14 total)   | 14  |
| Pre-quiz for Plant and Weed ID | 7   |
| Various Assessments            | TBD |
| Miscellaneous Participation    | TBD |

## Grading Scale:

|                          |
|--------------------------|
| 675 - 750 = A (90-100%)  |
| 600 - 674 = B (80 - 89%) |
| 524 - 599 = C (70 - 79%) |
| 449 - 523 = D (60 - 69%) |
| 0 - 448 = F (Below 60%)  |

**\*\*\*This syllabus is subject to change.\*\*\***

*"The small landholders are the most precious part of a state. Cultivators of the earth are the most valuable citizens. They are the most vigorous, the most independent, the most virtuous, and they are tied to their country, and wedded to its liberty and interests by the most lasting bonds."*

*--Thomas Jefferson*