

WELCOME TO SOIL SCIENCEWebsite: <http://www.itap.purdue.edu/tlt/blackboard/> (Blackboard Learn)

STUDY GUIDES: A packet of STUDY GUIDES, one for each week, will be given to you. A loose leaf notebook is recommended for study guides, notes, hand-ins, etc. Bring the study guide for the week and your text to the Soils Resource Center each time you come to work. The objectives and references listed on the first page of the study guide should be studied before and after completing the work each week.

LECTURES: Prior to coming to lecture you should download the lecture outlines from Blackboard Learn. Outlines will be available on Sunday prior to lecture. By January 20 register your "iclicker2" on the Blackboard Learn site. The "iclicker2" will be used to assess student understanding of course content and determining lecture participation points.

TEXT: Elements of the Nature and Properties of Soils, Third Edition by Brady and Weil.

SOILS RESOURCE CENTER: Room 3-419 in Lilly Hall is open Tuesday 9:30 a.m.-5:30 p.m., Wednesday 8:30 a.m.-5:30 p.m., Thursday 8:30 a.m.-8:00 p.m., Friday 8:30 a.m.-2:30 p.m. (It is closed Saturday through Monday to set-up for the new week).

GRADING:

Possible Points:	12 (out of 14) quizzes*	@	5 points =	60
	14 (out of 14) hand-ins	@	5 points =	70
	2 (out of 3) hour exams	@	100 points =	200
	1 final (comprehensive)	@	100 points =	100
	Lecture Participation	@	20 points =	<u>20</u>
	Total possible points			450

Students having a 92% average on 12 out of 14 quizzes, 14 hand-ins, lecture participation and all three exams are

***Quizzes include those in Friday discussion sessions and lectures.**

Percentage required for grade: 90% = A 88% = B+ 82% = B 80% = C+ 74% = C 72% = D+ 66% = D

GRADING AND OTHER COURSE CHANGES: 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 course changes. These changes can be found by accessing the course web page on Blackboard Learn or by contacting Dr. Van Scoyoc by e-mail: gev@purdue.edu (Syllabus is subject to change)

MISSING QUIZZES AND EXAMS: No make-ups will normally be given for quizzes or hour exams. We will drop your two lowest or missing quiz scores. Your lowest or missing hour exam grade will also be dropped. We count only the best 2 hour exams. The final is comprehensive and may not be dropped unless you meet the 92% standard listed above. Hand-ins over a week late will not be graded.

INSTRUCTORS: Lecturer and course organizer this semester is George Van Scoyoc; however, your discussion leader will grade all of your papers and keep your grade record. There will be an instructor available for tutoring or consultation in the Soils Resource Center during all hours that it is open. The instructors, their office numbers and phone numbers in Lilly Hall or Plant and Soils Building:

George Van Scoyoc	Lilly 3440	494-5115	Meghan Moser	Lilly 3343	494-8095
John Graveel	Lilly 3440	494-8060	Austin Pearson	LSPS 215	494-8048
Brad Joern	Lilly 3317	494-9767	Martha Winters	Lilly 3329	496-1527
Sherry Fulk-Bringman	Lilly 3419	494-8786	(Soils Resource Center Coordinator)		

ALL INSTRUCTORS MAY BE CONTACTED BY CALLING, VISITING THEIR OFFICE, OR BY EMAIL. Email addresses are available on the course web site.

STUDENT, ACADEMIC AND EMERGENCY POLICIES AGRY 25500 - Spring 2015

STUDENTS WITH DISABILITIES: If you have a disability which requires some special accommodation, please make an appointment within the first week of the semester to visit with the course organizer to discuss instructional methods in this class, and any academic adjustments that you may need. We are happy to make accommodations, but it is important that we talk about this at the beginning of the semester.

READ THE COURSE POLICY ON ACADEMIC INTEGRITY ON THE PURDUE WEBSITE.
http://www.purdue.edu/studentregulations/student_conduct/index.html

EMERGENCY PREPAREDNESS PROCEDURES:

Purdue University is a very safe campus and there is a low probability that a serious incident will occur here at Purdue. However, just as we receive a “safety briefing” each time we get on an aircraft, we want to emphasize our emergency procedures for evacuation and shelter in place incidents. Our preparedness will be critical IF an unexpected event occurs!

Emergency preparedness is your personal responsibility. Purdue University is actively preparing for natural disasters or human-caused incidents with the ultimate goal of maintaining a safe and secure campus. Let’s review the following procedures:

- To report an emergency, call 911.
- To obtain updates regarding an ongoing emergency, and to sign up for Purdue Alert text messages, view www.purdue.edu/ea
- There are nearly 300 Emergency Telephones outdoors across campus and in parking garages that connect directly to the Purdue Police Department (PUPD). If you feel threatened or need help, push the button and you will be connected immediately.
- If we hear a **fire alarm**, we will immediately suspend class, **evacuate the building**, and proceed outdoors, and away from the building. **Do not use the elevator.** Those leaving from the southeast exists may follow the sidewalks east to the area east of the Hanson Building and may shelter in the Hanson Building and/or the Agricultural and Biological Engineering Building in inclement weather.
- If we are notified of a Shelter in Place requirement for a tornado warning, we will suspend class and shelter in the lowest level of this building away from windows and doors.
- If we are notified of a Shelter in Place requirement for a hazardous materials release, or a civil disturbance, including a shooting or other use of weapons, we will suspend class and shelter in our classroom, shutting any open doors or windows, locking or securing the door, and turning off the lights.

EMERGENCY PREPAREDNESS WEBSITE:

http://www.purdue.edu/ehps/emergency_preparedness/index.html

CELL PHONES: Cell phone use is not allowed in the class. If I catch a student texting a message or using a cell phone during class I will ask you to leave.

AGRY 25500 SOIL SCIENCE
Spring 2015

LECTURE TOPIC (Tuesday morning)*	SOILS RES. CTR. TOPIC (Tuesday thru Friday)	SMALL GROUP DISCUSSION (Friday)**
#1 Jan. 13 Studying Soils	Soil Differences	Quiz on Week 1 (Jan. 16)
#2 Jan. 20 Texture and Density	Physical Properties	Quiz on Week 2 (Jan. 23)
#3 Jan. 27 Parent Materials/Glaciation	Soil Formation	Quiz on Week 3 (Jan. 30)
#4 Feb. 03 Survey and Mapping	Soil Classification	Quiz on Week 4 (Feb. 06)
#5 Feb. 10 EXAM I , Wks. 1-4***	Erosion/Water Quality	Field Trip**** (Feb. 13)
#6 Feb. 17 Erosion/Water Movement (Quiz Wk. 5 & Field Trip)	Soil Water/Water Quality	Quiz on Week 6 (Feb. 20)
#7 Feb. 24 CEC/Clay Minerals	Colloids/Ion Exchange	Quiz on Week 7 (Feb. 27)
#8 Mar. 03 Adjusting Soil pH	Soil pH and Liming	Quiz on Week 8 (Mar. 06)
#9 Mar. 10 EXAM II , Wks. 5-8***	Organisms in the Soil	Quiz on Week 9 (Mar. 13)
MAR. 16 - 20	SPRING BREAK	
#10 Mar. 24 Bioremediation/Organic Soils	Organic Soils/Organic Matter	Field Trip**** (Mar. 27)
#11 Mar. 31 Soil Sampling (Quiz Wk. 10 & Field Trip)	Plant Nutrition & Soil Analyses	Quiz on Week 11 (Apr. 03)
#12 Apr. 07 Fertilizer Manufacturing	Fertilizers	Field Trip**** (Apr. 10)
#13 Apr. 14 Fertilizer Recommendations & Calculations (Quiz Wk. 12 & Field Trip)	Fertilizer Practices	Quiz on Week 13 (Apr. 17)
#14 Apr. 21 EXAM III , Wks. 9-13***	Environmental Soil Science	Quiz on Week 14 (Apr. 24)
#15 April 28 Soils & The Environment	Selected Topics	Review Session (May 01)

* Weekly programs begin with lecture and end with the discussion on Friday.

** Discussion sessions always include a 5 point quiz. On weeks with field trips, quiz will be during lecture the following Tuesday.

*** A topic is scheduled in the Soils Resource Center as usual during the week of exams.

**** Field trips are two hours long and start at 9:30, 11:30, 1:30 or 3:30 on Friday.