Syllabus: ENTM 10500, Fall 2014

Instructor: Professor Jonathan Neal
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**Hotseat:** This is the best way to get your questions answered. Hotseat allows anyone in the class to answer a question. Hotseat helps students be more engaged with the course. It is not possible for us to answer all emails immediately. Our policy will be to answer phone and email messages within 12 - 24 hours.

Entomology 10500 is an introduction to insects with an emphasis on the interactions of insects with humans. Entomology 10500 introduces students to important principles of biology, insects as a life form, the role of insects in global ecosystems, policies related to insects and the role and influence of insects in human society and culture. The course utilizes a case studies / activity format with assignments and projects. Tests of knowledge are online.

**Course Outcomes**
Upon successful completion of the course, students will:

1. Understand major principles of modern biology.
2. Understand what entomologists do and the types of problems addressed.
3. Explore the role of insects in human culture.
4. Understand ecology and some roles of insects in the ecology of the earth.
5. Understand how some insects and humans interact.

**Assessment**
The grading philosophy of this class is as follows:

A: Student has done as well as can be expected with no major flaws
B: Student performance is above average, but has noticeable flaws.
C: Minimum requirements for the course were met
D: Student demonstrated some knowledge or completed some work but did not meet minimum standards.
F: Student learned little to nothing or failed to complete work.

+/- grades indicate borderline between categories. Grades are based on total points, not percentages. The following activities are awarded points as follows:

**Assignments:** 350 points (14 offered)
**Observations:** 150 points
**Online Quizzes:** 125 points (30 offered, 25 counted, 5 points each)
**Projects:** 300 points (2 required)
Total Points: 925

The points earned reflect the level of achievement as follows:

A  871-925
A- 841-870
B+ 806-840
B  766-805
B- 741-765
C+ 711-740
C  676-710
C- 646-675
D  555-645
F  <555

Bonus Points:
Bonus points are awarded to encourage participation in learning activities outside class and reward extra effort. Bonus points are not equivalent to required activity points. Sufficient bonus points will raise your grade by a half letter.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Maximum Points</th>
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<tbody>
<tr>
<td>Contributions to HotSeat</td>
<td>10</td>
</tr>
<tr>
<td>Movie Night</td>
<td>10</td>
</tr>
<tr>
<td>BugWalk</td>
<td>10</td>
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</tbody>
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Re-grading Policy: Students may request items be reevaluated for a higher score. Requests must be in writing with a statement of why the assigned score was not appropriate. No re-grading will be done until the final scores are summarized and only if a higher score on the item(s) will improve the letter grade of the student. It is the student's responsibility to provide evidence of grades on returned material in the case of a grade appeal. We will store final tests, and projects until the eighth week of the next semester.

Information About Class Activities

Assignments: Fourteen “Take-Home Question”/Assignments will be given. Assignments must be submitted by the due date to receive full credit. Some assignments will be based on work done in class.

Tests: Tests will be given on Blackboard. Tests are timed (5 minutes) and can be taken twice. Each will have assigned reading. Suggestion: Read the material carefully before taking the test. Then take the test. Study material that you got wrong before retaking. Tests must be completed by the due date. The top 25 scores will count. There will be more than 25 offered.
Observations of arthropods presented in class living or in videos. Each class period you will make observations about insects or arthropods. You will be given class time and prompts for making observations. Week one observations will be due Friday, 8/29 so that you may receive feedback.

Projects:

Two projects are required. Projects will be described on Day 1 and you must choose by the second week of class. A description of the projects, requirements and grading is available on Blackboard. Projects for Fall 2014 include:

1. Participation in Insectiganza (You must be present on Tuesday of October Break from 8:30 am until 3 pm.

2. Make an insect mask and costume to present in class.

3. Write an educational book for children to teach something you learned about insects.

4. Research and Debate an important policy topic concerning insects.

Readings

Required: Living With Insects, Jonathan Neal, 2010, Kendall Hunt  (Electronic versions of the book chapters will be available on Blackboard.)

Supplementary Reading for Assignments will be posted on Blackboard

Class Policies

Students with Documented Disabilities Purdue accommodates students with documented disabilities. Students with disability (including those with temporary disabilities) should contact ODOS/DRC.  http://www.purdue.edu/odos/drc/welcome.php

It is necessary for students with documented needs to inform the instructor (or ODOS) in a timely fashion. I will be happy to meet with students to arrange accommodation.

Courtesy

Large lecture classes require special rules to minimize distractions and enable everyone to maximize the benefit of attending class. As your instructor, it is my role to provide the best learning environment possible. My rules include:

1. No talking, except during group work. Talking is rude because it disturbs others. Individuals that cannot refrain from talking in class will be asked to move apart.

2. Turn cell phones off. Everyone should know this.
3. Do not multitask- Games and movies on your iPad, laptop or PED are distractions for you and your neighbors. Keep them turned off.

4. If you MUST leave early- Please sit on the end of the aisle near the back so you do not disturb others.

5. If you come late- Please try to quietly sit in an aisle seat. To those who come on time, please leave the aisle seats open so tardy students can sit quickly and quietly.

6. If you need to speak with me after class- Wait until I have put away my equipment and meet me near the exit. We will speak outside the room to allow the next class to set up.

7. Thank you in advance for honoring these requests and working to make this class a great experience for everyone.

**Cheating** Cheating will not be tolerated! Cheating includes (but is not limited to) such things as copying homework, falsifying reasons for missing class, copying other students answers or using materials during tests, or having someone produce a paper or project for you. Cheaters will receive an F for the assignment in question. A second incidence of cheating will result in an F for the class and the Dean of Students will be notified of the infraction.

**Use of Tutors** Students who have difficulty with writing English are encouraged to fully utilize the resources available through OWL.

**Plagiarism:** Reports must be in your own words. Plagiarism, including verbatim copying of text from the internet and using intellectual property without appropriate citation is not acceptable. Assignment 1 contains instructions on citations that you will use in this class.

**Dropping the class.** Students who drop the class when a grade is required will receive a passing grade (W) if they have a percentage score exceeding 60% of the work completed to date.

**Homework Assignments and Projects** are due as indicated on Blackboard.

**Attendance** is not required but is strongly advised. Some material critical to completing assignments and successfully answering online quiz questions will only be covered in class.

**Tardiness** It is important to be in class on time. Entering the room late is distracting to other students. Announcements are made at the beginning of class.

**Emergencies**

Fire Alarms: Leave the building calmly, orderly and immediately. The first student out the door should hold the door open or prop it open to allow everyone to leave as rapidly as possible.

Sirens: Shelter inside. For tornados, go to the basement of Lyle or to the lowest level of MTTW in the East Hallway away from windows. The West basement of Beering is a better tornado shelter.
The Provost has asked that I include the following information:

**EMERGENCY PREPAREDNESS LECTURE**

1. Prior to the first day of class, obtain a copy of the building emergency plan for each building in which you will be teaching. Note the evacuation route and assembly area, as well as the shelter in place locations.
2. On the first day of class, the following information is required to be presented to students:

As we begin this semester I want to take a few minutes and discuss emergency preparedness. 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:

- For any emergency call 911.
- There are nearly 300 Emergency Telephone Systems throughout campus that connect directly to the Purdue Police Department (PUPD). If you feel threatened or need help, push the button and you will be connected to the PUPD.
  - If we hear a fire alarm we will immediately evacuate the building and proceed to ______ (location).  ○ *Do not use the elevator.*
  - Go over evacuation route…see specific Building Emergency Plan.
- If we are notified of a Shelter in Place requirement for a tornado warning we will shelter in the lowest level of this building away from windows and doors. Our preferred location is ____________ .
- If we are notified of a Shelter in Place requirement for a hazardous materials release we will shelter in our classroom shutting any open doors and windows.
- If we are notified of a Shelter in Place requirement for a civil disturbance such as a shooting we will shelter in a room that is securable preferably without windows. Our preferred location is ____________.

*(NOTE: Each building will have different evacuation & shelter locations. The specific Building Emergency Plan will provide specific locations and procedures)*

Attached to the syllabus is an “Emergency Preparedness for Classrooms” sheet that provides additional preparedness information. Please review the sheet and the Emergency Preparedness website for additional emergency preparedness information.

**EMERGENCY PREPAREDNESS SYLLABUS ATTACHMENT**

EMERGENCY NOTIFICATION PROCEDURES are based on a simple concept – if you hear a fire alarm inside, proceed outside. If you hear a siren outside, proceed inside.

- **Indoor Fire Alarms** mean to stop class or research and immediately evacuate the building. ○ Proceed to your Emergency Assembly Area away from building doors, **Remain outside** until police, fire, or other emergency response personnel provide additional guidance or tell you it is safe to leave.

- **All Hazards Outdoor Emergency Warning Sirens** mean to immediately seek shelter (Shelter in Place) in a safe location within the closest building. ○ “Shelter in place” means seeking immediate shelter inside a building or University residence. This course of action may need to be taken during a tornado, a civil disturbance including a shooting or release of hazardous materials in the outside air. Once safely inside, find out more details about the emergency*. **Remain in place** until police, fire, or other emergency response personnel provide additional guidance or tell you it is safe to leave.
*In both cases, you should seek additional clarifying information by all means possible...Purdue Home page, email alert, TV, radio, etc...review the Purdue Emergency Warning Notification System multi-communication layers at http://www.purdue.edu/ehps/emergency_preparedness/warning-system.html

EMERGENCY RESPONSE PROCEDURES:


  • Review the Building Emergency Plan (available from the building deputy) for:
    - evacuation routes, exit points, and emergency assembly area
    - when and how to evacuate the building.
    - shelter in place procedures and locations
    - additional building specific procedures and requirements.

EMERGENCY PREPAREDNESS AWARENESS VIDEOS

• "Shots Fired on Campus: When Lightning Strikes," is a 20-minute active shooter awareness video that illustrates what to look for and how to prepare and react to this type of incident. See: http://www.purdue.edu/securePurdue/news/2010/emergency-preparedness-shots-fired-on-campus-video.cfm (Link is also located on the EP website)

MORE INFORMATION
Reference the Emergency Preparedness web site for additional information: http://www.purdue.edu/emergency_preparedness