

GENERAL ENTOMOLOGY 206
 COURSE SYLLABUS
 FALL SEMESTER 2008

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Required Text: *General and Applied Entomology Activity Manual*, 2nd ed.
 (Available at Von's Bookstore)

Suggested: Flash Cards for ENTM 206 (Available at BoilerCopyMaker-Union)

Date	Lecture Topics	Unit
August 26	Course introduction Examination schedule What is an arthropod?	1
August 28	Insects and their relatives - "Are you my ant?"	1
September 2	Insect evolution - "Where did I come from?"	2
September 4	The integument - "Exoskeletons in the closet"	3
September 9	The integument (continued)	3
September 11	The insect head - "Heads up!"	4
September 16	Eyes and antennae - "Facets and feelers"	4
September 18	Lecture Examination One Bug Funs 1-22 due at start of exam.	1-4
September 23	The insect thorax - "Stuck in the middle"	5
September 25	The insect thorax (continued) The insect abdomen - "Insect beer bellies"	5
September 30	Abdominal appendages - "Bringing up the Rear"	6
October 2	Insect digestion - "Alimentary my dear Watson!"	7
October 7	Circulation, storage, and excretion - "Have a heart and keep regular"	8

October 13-14 OCTOBER BREAK

October 9	Circulation, storage, and excretion (continued)	8
October 16	Lecture Examination Two Bug Fun activities 23 to 26 due at start of the exam	5-8
October 21	Respiration - "Do insects need breathe-rite strips?"	9
October 23	Respiration - (Continued)	9
October 28	Nervous system - "Are tics just nerves?"	10
October 30	Reproduction - "The joys of insex"	11
November 4	Reproduction - (Continued)	
November 6	Insect ecology - "Everything in its place"	12
November 11	Mimicry - "A mime is a terrible thing to waste"	13
November 13	Lecture Examination Three Bug Fun activities 27 to 30 due at start of the exam	9-13
November 18	Metamorphosis - "Presto Changeo"	14
November 20	Metamorphosis (continued)	14
<p>(Note: Unit 15 is a synopsis of the insects orders studied in units 16-20, and materials in unit 15 will be covered in the appropriate units.)</p>		
November 25	Biology of insect orders	16-20
November 26-29 THANKSGIVING BREAK		
December 2	Biology of insect orders	16-20
December 4	Lecture Examination Four Exam 4 will cover Unit 14, part of 15, and orders covered on Nov. 25 and Dec. 2. Bug Fun activities 31 to 33 due at start of the exam.	
December 9	Biology of insect orders	16-20
December 11	Biology of insect orders	16-20

Final Examination

**All orders since Exam 4
and
Commodity Pests**

Bug Fun activities 34 to 40 due at start of the final exam.

BONUS BUG FUN REQUIREMENTS

Each Bug Fun activity is worth one point. If you turn in all the Bug Funs at the start of each exam, all items correctly answered, you will receive 40 bonus points. Incomplete or erroneous answers will not be accepted. If you forget to turn in your Bug Fun in class, you may NOT turn it in later.

Review of the Requirements for Bug Fun Activities:

1. All sheets must be stapled,
2. Name must be on all pages,
3. Activities to be turned in BEFORE the exam starts,
4. Activities will NOT be accepted later in the day, and
5. Incomplete or incorrect responses will NOT be counted

I. COURSE REQUIREMENTS

A. Course syllabus

B. Examinations

1. Hourly Examinations

- a. Will cover materials presented in lectures and handout materials
- b. Hourly examinations are not comprehensive

2. Final examination

- a. Divided into two parts (biology of orders and pest insects)
- b. Student will develop part of the final examination according to his/her area of interest

3. Bug Fun activities

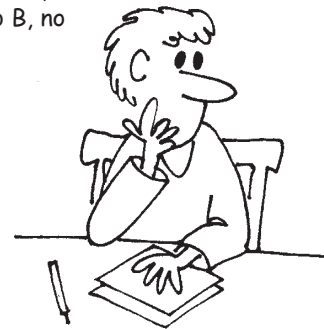
- a. Bug Fun activities will be worth a maximum of 40 bonus points
- d. These activities will be due before the start of each exam. No late Bug Fun activities will be accepted

4. Grades

- a. Final letter grade will be based on the performance on hourly examinations, the final examination, Bug Fun activities, and attendance quizzes

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"A, no B, no D, no A, no B, no C, no D, no B, no A...."





"You can't collect good grades, you have to earn them."

b. Exam 1	=	100 points
Exam 2	=	100 points
Exam 3	=	100 points
Exam 4	=	100 points
Final 1	=	100 points
Final 2	=	100 points

Total	=	600 points
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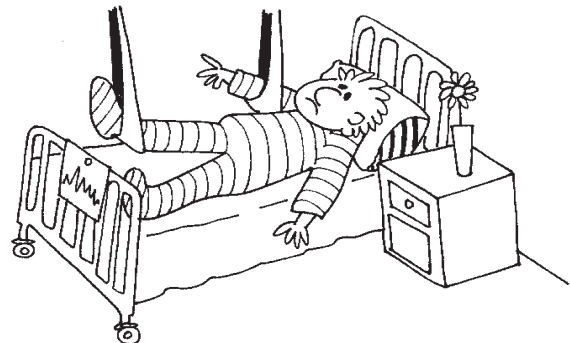
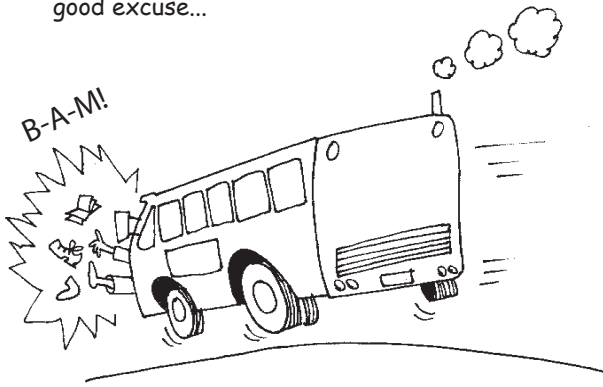
Letter grade assignment:

A	=	600 to 540
B	=	539 to 480
C	=	479 to 420
D	=	419 to 360
F	=	359 to 000

Attendance quizzes. During the semester several unannounced attendance quizzes will be given with each quiz worth 2 points. These attendance quizzes will be used as "bonus points" when calculating the final grade. Missed bonus quizzes may not be made up regardless of the circumstances.

Policy on Make Up Examinations. Any missed lecture examination must be taken as soon as possible but no later than one week after the original examination date. Excused absences will be permitted for deaths in the immediate family or illness verified by a note from a physician.

Getting hit by a bus is a good excuse...



...but very painful.

Course Objectives.

Objectives of Entomology 206 are to understand what contributes to the success of insects and to become familiar with the diversity of insect forms and behaviors. To meet these objectives, we will study the development of insects and their relatives, external and internal anatomical modifications, physiological processes, and adaptation to the environment. We will cover the major orders of insects along with pests that impact humans, plants, animals, and structures. I will make every attempt to cover the materials in the syllabus, and I reserve the right to make changes to best fit the

You will receive several handouts throughout the semester



Textbooks. This lecture outline is provided as a guide to the lecture so that you may concentrate on what is being presented in the lecture. No attempt is made to make this outline comprehensive. To prepare for examinations you will need to take notes in class. Thus, space has been provided on each page for additional information presented in lecture. For those who wish to consult a textbook, the following are recommended:

The Science of Entomology, William S. Romoser and John G. Stoffolano, Jr.

595.t
R666s
1998

Introduction to Insect Biology and Diversity, Howell Daly, J. Doyen, and A. Purcell

595.7
D177i
1998

A Textbook of Entomology, Herbert Ross, C. Ross, and J. Ross

595.7
R73t
1982

Insect Biology: A Textbook of Entomology, Howard E. Evans

595.7
Ev15i
1984

Attendance Policy. Attendance is not taken in class nor required to pass. Attendance, however, is strongly recommended to understand the materials.

Academic Dishonesty. Purdue University prohibits cheating, plagiarism, or knowingly providing false information to the University. These acts of cheating or deceit in any form (such as using illegal cribs, copying during examinations, taking examinations for someone else) will not be tolerated and will be dealt with appropriately.