

**PLS 289 Horticultural Entomology**  
**Instructor:** Ms. Erin Fortenberry  
**Email:** [Erin.Fortenberry@tamuc.edu](mailto:Erin.Fortenberry@tamuc.edu)  
**Office Info:** AG/IT 153 (903)886-5379

**Course Description:** This course introduces students to the major orders of insects and other arthropods of economic importance with specific emphasis on those beneficial and harmful to areas of horticulture. Including but not limited to production, landscapes, turfgrass and greenhouses. Control techniques using Integrated Pest Management will be included.

### **Student Learning Outcomes:**

#### Skills:

- Identify arthropods to class by inspection
- Identify insects to order by inspection
- Collect, process, and store insects for study

#### Knowledge:

- Insect morphology and its use in identification of unknown specimens
- Insect anatomy and physiology to understand adaptation, behavior, and resistance mechanisms
- Insect life cycles and their importance in reproduction, pestilence and control
- Important arthropod classes, insect orders and major family descriptions
- Impact and control of major plant, animal, and human arthropod pests

### **Course Information:**

#### **Text (Not Required)**

**Borror and DeLong's Introduction to the Study of Insects, 7th Edition**

Norman F. Johnson; Charles A. Triplehorn  
Textbook ISBN-10: 0-03-096835-6

#### **Grading Policy**

Exams	200
Cumulative Final Exam	100
Entomology Fact Sheet	100
Insect Collection	200
Participation	100

(Includes daily grades, class and lab quizzes, and attendance)

#### Grade Distribution:

A	630-700
B	560-629
C	490-559
D	420-489
F	<419

*The instructor reserves the right to modify this syllabus during the semester, if needed. The instructor also reserves the right to extend credit for alternative assignments, projects, or presentations.*

### **Students with Disabilities:**

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

#### **Office of Student Disability Resources and Services**

**Texas A&M University-Commerce**

**Gee Library Room 132**

**Phone (903) 886-5150 or (903) 886-5835 Fax (903) 468-8148**

[StudentDisabilityServices@tamuc.edu](mailto:StudentDisabilityServices@tamuc.edu)

### **Office Hours:**

Tuesday and Thursday- 9:30-10:45am

Wednesday 1:00-5:00pm

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