This course focuses on applications of insects in forensic investigations and on the postmortem fate of human remains.

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*WARNING:* Due to the graphic nature of this class and its contents, those who feel they might exhibit a problem with some of the more explicit material that will be shown or discussed during class should exercise caution. If there are any concerns please contact one of the instructors for guidance.

*Federal copyright laws and Indiana State statues relevant to deceased individuals prohibit the copying or duplication or videotaping of any material presented as a part of this class.*

*Qui Locquitor Pro Victima*
CLASS SCHEDULE

**Week 1:**

**August 22**

- Introduction – Review of the Course
- Aspects of Forensic Entomology
- Review of Insects of Forensic Importance
- Standard Techniques & Procedures at the Crime Scene

**Readings:** Chapters 1, 3, 4, 9, and 10

**August 29**

- The Use of Photography to Document Evidence at Outdoor Death Scenes
  [Patrick Jones]

**September 5**

- Labor Day – No class

**September 12**

- Field Collection of Forensic Entomological Evidence

**Readings:** Chapter 5

**September 19**

- Continued Collection of Entomological Evidence in Field
- Procedures in the Forensic Entomology Laboratory

**Readings:** Chapter 8

**September 25-26**

- Field Trip to University of Tennessee Anthropology Research Center

**October 3**

- Quiz 1
- Identification of Insects of Forensic Importance

**Readings:** Chapter 3

**October 10**

- October Break – No class

**October 17**

- Identification and Analysis of Entomological Evidence
- How To Determine the Postmortem Interval Using Insects

**Readings:** Chapter 9

**October 24**

- Special Habitat Considerations in Forensic Entomological Investigations

**Readings:** Chapters 6 and 7
October 31
Taphonomic Applications In Forensic Anthropology

November 7
Forensic Botany & Soil Science

November 14
Quiz 2
Wildlife Forensics [Judy Loven, USDA]

November 21
Trace Evidence at the Death Scene Related to Taphonomy

November 28
Being an Expert Witness
Legal Entomology in Food Contamination, Civil and Health Related Issues
Readings: Chapters 10 and 11

December 5
Case Study Paper & Report

The student is responsible for recording notes and class material. The instructors will not provide the lecture material to any student that misses a class. This is your responsibility.
### Performance Assessment:

<table>
<thead>
<tr>
<th>Assessment</th>
<th>Points</th>
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<tbody>
<tr>
<td>Quiz 1</td>
<td>25</td>
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<tr>
<td>Quiz 2</td>
<td>25</td>
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<tr>
<td>Assignment 1</td>
<td>50</td>
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<tr>
<td>Assignment 2</td>
<td>50</td>
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<tr>
<td>Case Study Paper &amp; Report</td>
<td>100</td>
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<tr>
<td>Final Exam</td>
<td>100</td>
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</tbody>
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**Total pts 350**

Each quiz will be a combination of multiple choice and short answer. The final exam will be comprehensive of the entire course material.

- $A \geq 315 \text{ pt.} = 90\%$
- $B \geq 280 \text{ pt.} = 80\%$
- $C \geq 245 \text{ pt.} = 70\%$
- $D \geq 210 \text{ pt.} = 60\%$
- $F < 210$

### Attendance Policy:

- **Excused-absence forms must be signed (or documentation of the absence provided in some other manner). Absences must be approved by Dr. Ralph Williams.**
- Excused absences are generally limited to Purdue University activities, health problems, family emergencies and interview trips. (These must be documented).
- Any missed quizzes or exams must be made-up within 7 calendar days of the student’s return to school. Quizzes/exams may be made up only if an excused absence is approved.
- There are no provisions for “extra credit”.

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. Here are ways to get information about changes in this course. My email address: rew@purdue.edu, and my office phone: 494-4560.

### Helpful Hints for Success in ENTM 295T:

- **TAKE THE TIME TO LEARN NEW WORDS AND CONCEPTS** – You will be expected to know all the material presented and any reading assignments even if it might seem trivial to you.
- **HAVE FUN AND ENJOY THE OPPORTUNITY TO LEARN** – from content and instructors about this fascinating field of Forensic Entomology & Taphonomy.
- **ASK QUESTIONS** – Instructors are happy to reply to your questions.