**PEPS 363L (LABORATORY, 1 CREDIT)**

**GENERAL ENTOMOLOGY LABORATORY**

**Grading:** PEPS 363L, General Entomology Laboratory, complements the lecture course PEPS 363, General Entomology, which should be taken either concurrently or prior to enrolling in PEPS 363L. The lab grade is calculated according to the total number of points accumulated for the following activities:

- **Quizzes:** 80 points combined
- **2 Lab Exams:** 60 points each
- **Insect Collection:** Total possible: 200 points
- **Total possible:** 400 points

**Total points:** Percentage grade for lab:
- 358 – 400: A
- 318 – 357: B
- 278 – 317: C
- 238 – 277: D
- 0 – 237: F

**Quizzes:** The lab quizzes cover terminology, methods, field trips, and lab lectures. **In-lab pop-quizzes may be given at the end of any lab period.** Take-home quizzes will be due at 9:30 a.m. one week from the date they are handed out (at the beginning of class, not lab).

**Exams:** These are lab practicals, which test your ability to identify specimens to the order (sight-ID) or family level (using keys). Exams will also contain terminology and topics covered in lab presentations and handouts. **Any material presented in lab is fair game on exams and quizzes.**

**Note:** There will be no make-up exams or quizzes given unless you have a physician’s note or some other verifiable reason for your absence. If you cannot attend a lab, or if you need to leave before 4:20 p.m., advance notification is required to avoid grading penalties.

**Collections:** The insect collection will consist of 75 specimens representing at least 55 insect families and 12 insect orders. Up to 5 specimens can be non-insect arthropods. For in-depth information on the grading of the collection, refer to the “Insect Collection Evaluation” form.

**The insect collection is due by 1 p.m. on December 8, 2003. The collection grade will be reduced by 10% for every day that the collection is late.**
<table>
<thead>
<tr>
<th>Month</th>
<th>Day</th>
<th>Topic</th>
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<tbody>
<tr>
<td>Aug.</td>
<td>27</td>
<td>Lab Overview (grading, collecting, labeling, and equip. checkout), Campus Collecting Trip</td>
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<tr>
<td>Sept.</td>
<td>03</td>
<td>Phylum Arthropoda, Survey of the insect orders</td>
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<td>10</td>
<td>External morphology – grasshopper dissection</td>
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<td>17</td>
<td>Introduction to dichotomous keys, Orders Collembola, Protura, Diplura, Archeognatha, &amp; Thysanura</td>
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<td>24</td>
<td>Orders Ephemeroptera, Odonata, Blattaria, &amp; Mantodea</td>
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<td>Oct.</td>
<td>01</td>
<td>Orders Isoptera, Dermaptera, Orthoptera, Phasmatodea, &amp; Psocoptera</td>
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<td>8</td>
<td>Lab Exam 1</td>
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<td>15</td>
<td>Field Trip - Waimanalo Experiment Station</td>
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<td>22</td>
<td>Orders Phthiraptera, Hemiptera, Thysanoptera, &amp; Neuroptera</td>
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<td>29</td>
<td>Order Coleoptera</td>
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<td>Nov.</td>
<td>05</td>
<td>Orders Siphonaptera &amp; Diptera</td>
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<td>12</td>
<td>Orders Lepidoptera &amp; Trichoptera</td>
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<td>19</td>
<td>Order Hymenoptera</td>
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<td>26</td>
<td>Field Trip</td>
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<td>Dec.</td>
<td>03</td>
<td>Open Lab (Collection due by 1 p.m. on Friday, December 5th, but turn it in today if finished)</td>
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<td>10</td>
<td>Lab Exam 2</td>
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