Credit Hours: 1.0
Class Time/Place: 1-hour weekly lab orientation meeting (TBA) and 1 full lab session, weekly. Additional time duties as listed below.

Course Description: This course provides an opportunity for a student who has taken a 200 or 300 level forensic science course to assist in that course previously taken, reinforcing the skills they were introduced to and expanding their mastery of the scientific method and how it pertains to forensic science as well as introducing basic pedagogical tools for instruction to the student.

Prerequisite: Previously passed 200 or 300 level forensic science course in question with a grade of B or higher and permission of the instructor

Instructor: Patrick Jones, Dr. Trevor Stamper
Instructor Contact Information: Smith Hall, Room 152, Smith Hall, Room B-9
Office Hours: by appointment, by appointment
Phone: 765-494-1079, 765-494-1262
e-mail: pjoness@purdue.edu, stampert@purdue.edu

Required Textbooks and other materials:

Texts currently used in course assisting. See the “host” course syllabus for details. Be warned! These may have changed since you took the course, and you are required to have current editions!

Course Objectives Overview

This course focuses on the following learning outcomes:

Objective A: The student will expand their understanding and appreciation for the scientific method in the context of the law.
Objective B: Students will demonstrate appropriate presentation skills.
Objective C: Students will demonstrate appropriate assessment skills.
Detailed Course Objectives

Upon completion of this course the student should:

Objective A:
Display mastery in the scientific method in the context of the law.
Learning Outcomes: The student will:
  • A-1 Guide students towards defining forensic science.
  • A-2 Teach the Scientific Method: how observation, explanation and testing work together.
  • A-3 Read and be conversant on all literature for the “host” course.
  • A-4 Coordinate group discussions of relevant forensic literature in lab.
Assessment Method: Instruction observations, Lab attendance

Objective B:
Demonstrate appropriate presentation skills.
Learning Outcomes: The student will:
  • B-1 Research and develop an “advanced topic” for a special in-class presentation.
  • B-2 Give a 12-minute oral presentation on the advanced topic.
  • B-3 Provide written summary material to the host class at the time of the presentation.
Assessment Method: In-class presentation

Objective C:
Demonstrate appropriate assessment & pedagogical skills.
Learning Outcomes: The student will:
  • C-1 Evaluate host students according to a pre-planned rubric on a weekly basis.
  • C-2 Report the average results of the host lab by rubric topic to the instructor at the weekly lab orientation meeting.
  • C-3 Engage in conversation about how to correct poor performance issues for each lab at the weekly lab orientation meeting.
  • C-4 Undergo FRPA training
  • C-5 Attend two College Teaching workshops (series I)
Assessment Method: Grading “host” course labs, weekly lab orientation meeting attendance, FRPA training
Course Assessment

Methods of Assessment:

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<td>Other: grading</td>
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Grading:

The student will be evaluated on the following basis:

140 pts  “Host” Lab Attendance (14 @10 points each)
140 pts Weekly Lab Orientation meeting (14 @10 points each)
100 pts In-class presentation
280 pts Grading “host” course labs (14 @ 20 points per set)
100 pts Instruction Observations (2 @ 50 points each)
40 pts FRPA training
100 pts College Teaching Workshops (Series I) attendance

900 pts

Grading Scale/Distribution:

Pass or Fail; 850 points required for pass.

“Host” Lab & Weekly Lab Orientation Attendance: You are expected to attend lab every week because your active participation in the lab is how you reinforce the material covered and deepen your knowledge of the scientific method, forensic science and core STEM concepts. One absence for both the lab and weekly lab orientation meeting is permitted for any reason, whether it is a “university approved” event or not. For this missed week, you will receive an average of your other weekly attendance grades in place of the earned score (and thus will not impact your grade). For those that miss no classes, you will receive those points as the only bonus points possible in the course. Beyond that, every missed class period will reduce your grade by 10 points, be that a lab or weekly lab meeting.

Presentation: Modern forensic science is replete with specific research that builds upon the basic techniques we focus on in the 200 & 300 level courses at Purdue. As part of your work, you will develop a 12-minute presentation that builds upon one of the labs in the “host” course. This presentation should be technique driven, explaining the technique and providing a demonstration of how it works. Further, your presentation should be accompanied with written materials that allow students to review the topics of your presentation (e.g.—a published article that utilizes the demonstrated technique). You will be evaluated on your presentation according to a standard rubric that both the instructor and the students will fill out.
**Grading Host course labs:** Utilizing rubrics to evaluate students taking your host lab section expands your understanding of how your guidance is or is not getting through to the student population in the host course. Each week you will evaluate the lab reports for the students taking the host course, record the average score for your section across the rubric topics, then report your finding to the rest of the student assistants and the course instructor in the weekly lab orientation meeting the following week. This allows the student assistants and the course instructor to gauge weekly how well students are mastering the topics being presented.

Each week, the course instructor will randomly sample 5 of the lab reports you have graded and evaluate you on how thoroughly you performed your grading duties. These reviews will generate your weekly grading points.

**Instruction Observations:** During the course of the semester, a faculty member or graduate assistant will randomly observe the students as they work in their host lab two times. Using a standard rubric to record observations of the student assisting her host lab, the observer will evaluate the student in his/her efforts. Following this evaluation, the instructor and the student assistant will review their performance, offering advice on how to improve, if necessary, and providing an assessment of their overall effort to connect with the host lab students.

**FRPA training:** An essential part of grading student labs is FRPA training. The first week of the semester, students will take and pass the Purdue FRPA online training course.

**College Teaching Workshops (Series I) attendance:** An essential part of working with students is mastering the basic pedagogical skills necessary to engage and work with students. Because of this, assistants will be required to attend 2 of the college teaching workshops (Series I) hosted by the Purdue Center for Instructional Excellence. Any two workshops can be chosen throughout the semester, and you can visit the online schedule here:

http://www.purdue.edu/cie/dev/workshops/workshops1.html

**Course Schedule:** as per host course.
General Policies

Student e-mail Etiquette: All email correspondence to the instructor will be conducted in a professional manner. When utilizing email for this class, students should:

1. Include the course code, number, and section in the email subject heading (ENTM318 for example)
2. Address the recipient appropriately, using proper spelling, grammar, and punctuation,
3. Close with your full name, day of week and time of class you meet (Example: Bob Smith, Tue & Thur 12:20pm to 1:45pm)
4. Name file attachments by including the course and number, student last name, and assignment/document title (for example, ENTM318_smith_case2p132).

Special Services: If you are a student with a disability, it is your responsibility to inform your instructor and register with the Disability Resource Center (http://www.purdue.edu/drc or (765) 494-1247) so reasonable accommodations can be made.

If you have a disability that requires special academic accommodation, please make an appointment to speak with me within the first three (3) weeks of the semester in order to discuss any adjustments. It is important that we talk about this at the beginning of the semester. It is the student's responsibility to notify the Disability Resource Center (http://www.purdue.edu/drc) of an impairment/condition that may require accommodations and/or classroom modifications.

Academic Honesty:
“To foster a climate of trust and high standards of academic achievement, Purdue University is committed to cultivating academic integrity and expects students to exhibit the highest standards of honor in their scholastic endeavors. Academic integrity is essential to the success of Purdue University’s mission. As members of the academic community, our foremost interest is toward achieving noble educational goals and our foremost responsibility is to ensure that academic honesty prevails”

–Purdue University Regulations, Part 5, Section II

Any instance of plagiarism, cheating, dishonesty or the facilitation thereof will result in a grade of 0 (zero points) for the assignment. Second offenses will be reported to the Dean of Studies and students will fail the course (grade of F). Please refer to the Purdue student guide for academic integrity:

http://www.purdue.edu/odos/autodos/academicintegrity.php

Use of Copyrighted Materials:
Among the materials that may be protected by copyright law are the lectures, notes, and other material presented in class or as part of the course. Always assume the materials presented by an instructor are protected by copyright unless the instructor has stated otherwise. Students enrolled in, and authorized visitors to, Purdue University courses are permitted to take notes, which they may use for individual/group study or for other non-commercial purposes reasonably arising from enrollment in the course or the University generally.

Notes taken in class are, however, generally considered to be “derivative works” of the instructor’s presentations and materials, and they are thus subject to the instructor’s copyright in such presentations and materials. No individual is permitted to sell or otherwise barter notes, either to other students or to any commercial concern, for a course without the express written permission of the course instructor. To obtain permission to sell or barter notes, the individual wishing to sell or barter the notes must be registered in the course or must be an approved visitor to the class. Course instructors may choose to grant or not grant such permission at their own discretion, and may require a review of the notes prior to their being sold or bartered. If they do grant such permission, they may revoke it at any time, if they so choose.

Attendance:
Students are expected to be present for every meeting of the classes in which they are enrolled. Only the instructor can excuse a student from a course requirement or responsibility. When conflicts or absences can be anticipated, such as for many University sponsored activities and religious observations, the student should inform the instructor of the situation as far in advance as possible. For unanticipated or emergency absences when advance notification to an instructor is not possible, the student should contact the instructor as soon as possible by email, or by contacting the main office that offers the course. When the student is
unable to make direct contact with the instructor and is unable to leave word with the instructor’s department because of circumstances beyond the student’s control, and in cases of bereavement, the student or the student’s representative should contact the Office of the Dean of Students.

The link to the complete policy for attendance can be found at:

http://www.purdue.edu/odos/services/classabsence.php

**Grief Absence Policy for students:**

Purdue University recognizes that a time of bereavement is very difficult for a student. The University therefore provides the following rights to students facing the loss of a family member through the Grief Absence Policy for Students (GAPS). GAPS Policy: Students will be excused for funeral leave and given the opportunity to earn equivalent credit and to demonstrate evidence of meeting the learning outcomes for misses assignments or assessments in the event of the death of a member of the student’s family.

There is a specific policy that MUST be followed in the event of a family death. The link to the complete policy can be found at:

http://www.purdue.edu/odos/services/griefabsencepolicyforstudents.php

**Emergencies:**

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. Relevant changes to this course will be posted onto the course website or can be obtained by contacting the instructors or TAs via email or phone. **You are expected to read your @purdue.edu email on a frequent basis.**

**Nondiscrimination:**

Purdue University is committed to maintaining a community which recognizes and values the inherent worth and dignity of every person; fosters tolerance, sensitivity, understanding, and mutual respect among its members; and encourages each individual to strive to reach his or her own potential. In pursuit of its goal of academic excellence, the University seeks to develop and nurture diversity. The University believes that diversity among its many members strengthens the institution, stimulates creativity, promotes the exchange of ideas, and enriches campus life.

Purdue University prohibits discrimination against any member of the University community on the basis of race, religion, color, sex, age, national origin or ancestry, genetic information, marital status, parental status, sexual orientation, gender identity and expression, disability, or status as a veteran. The University will conduct its programs, services and activities consistent with applicable federal, state and local laws, regulations and orders and in conformance with the procedures and limitations as set forth in Executive Memorandum No. D-1, which provides specific contractual rights and remedies. Any student who believes they have been discriminated against may visit www.purdue.edu/report-hate to submit a complaint to the Office of Institutional Equity. Information may be reported anonymously.

**WARNING:** Class contents are graphic in nature. Those who might exhibit a problem with the more explicit material presented in class should exercise caution. **Direct concerns to 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.*

This syllabus is subject to change. Changes will be announced via blackboard and a modified syllabus will be posted.
Classroom Emergency Preparedness
Attachment for Class Syllabus

EMERGENCY NOTIFICATION PROCEDURES:

- Dial 911 from any public or campus telephone.

- Over 250 Emergency Telephone System (ETS)
  - For assistance push the ETS button which will connect you to the Purdue Police Department

- Immediate warning notifications focuses on two basic concepts:
  - Fire Alarms mean to immediately evacuate the building and proceed to your Emergency Assembly Area (should be specified in the Building Emergency Plan).
  - All Hazards Outdoor Emergency Warning Sirens means to immediately seek shelter (Shelter In Place) in a safe location within closest facility/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, earthquake, release of hazardous materials in the outside air, or a civil disturbance. When you hear the sirens immediately go inside a building to a safe location and use all communication means available to 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/emergency_preparedness/warning_system.htm)

EMERGENCY RESPONSE PROCEDURES:

- Purdue’s Emergency Procedures Guide should be periodically reviewed and referenced for all emergencies. Located at: https://www.purdue.edu/emergency_preparedness/flipchart/index.html

- Be familiar with the Building Emergency Plan (each building is required to have a BEP) for:
  - evacuation routes, exit points, and location to report for roll call after evacuating the building.

Updated July 20, 2011
- when and how to evacuate the building.
- shelter in place procedures and locations
- additional building specific procedures and requirements.

- Understand the University's emergency warning notification system…Purdue ALERT [http://www.purdue.edu/emergency_preparedness/warning_system.htm](http://www.purdue.edu/emergency_preparedness/warning_system.htm)

**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](http://www.purdue.edu/securePurdue/news/2010/emergency-preparedness-shots-fired-on-campus-video.cfm) (Link is also located on the EP website)

- “To Hell and Back, College Fire Survival" is a 20-minute fire safety video. You must register to view the video. However, the People’s Burn Foundation will not send you e-mail or spam, and your information will not be shared with third parties. The People’s Burn Foundation collects demographic information to study cultural, age and gender awareness pertaining to fire and burn prevention. The video can be seen at: [http://www.igot2kno.org/login.aspx?ReturnUrl=%2fcollege_fire_survival.aspx](http://www.igot2kno.org/login.aspx?ReturnUrl=%2fcollege_fire_survival.aspx)

**MORE INFORMATION**

Reference the Emergency Preparedness web site for additional information: [http://www.purdue.edu/emergency_preparedness/index.htm](http://www.purdue.edu/emergency_preparedness/index.htm)