
Wednesday 6:00pm – 8:50pm in ENG2 0102
Instructor: Matthew I. Miller, CHM 330, 407 823-5410, mattheu.miller@ucf.edu
Office hours Tuesday/Wednesday 9:00->10:30/9:00->11:30

Textbook: Criminalistics, Introduction to Forensic Science. 10th Edition
– Richard Saferstein

UCF Forensic Faculty: Jack Ballantyne, Richard Blair, Barry Fookes, Gerald Mattson, Matthew Miller, and Michael Sigman.

Forensic scientists from the Florida Department of Law Enforcement [FDLE], Orange County Sheriff's Office [OCSO], Seminole County Sheriff's Office [SCSO] and selected forensic consultants.

Course Organization:

This three credit hour course examines the development of forensic science as an international phenomenon, driven by the need to recover, examine and identify the sources of evidence found at crime scenes. The author of the course textbook defines forensic science as “...the application of science to law.” Forensic science is an integral and important part of the legal system and assists investigators by providing credible science to support the arrest and interrogation of suspects and by offering clear, concise and factual reports of their findings to a trial judge and jury.

Guest lecturers and UCF faculty will offer insights into the investigative and technological challenges facing the profession. No photography is allowed in this course. The lecturer may display sensitive material.

Grading: 10-point scale

20% Midterm In-class Writing Assignment
   Essay paper designed to evaluate your writing skills. Topic does not require extensive scientific background.

20% Homework Quiz: Online quiz based on the assigned chapter reading

20% In Class Quizzes:
   Quizzes will be given at the beginning of each lecture. Material will come from both the past weeks lecture and the reading assignment. The one or two lowest quiz grades will be discarded to make a total quiz count of 10. To have an absence considered as excused, you must submit a written explanation for evaluation. Make-up quizzes will not be administered.

40% Cumulative Term Exam
   Multiple-choice examination
**Academic Integrity/Plagiarism**

"Plagiarism and Cheating of any kind on an examination, quiz, or assignment will result at least in an "F" for that assignment (and may, depending on the severity of the case, lead to an "F" for the entire course) and may be subject to appropriate referral to the Office of Student Conduct for further action. See the UCF Golden Rule for further information. I will assume for this course that you will adhere to the academic creed of this University and will maintain the highest standards of academic integrity. In other words, don't cheat by giving answers to others or taking them from anyone else. I will also adhere to the highest standards of academic integrity, so please do not ask me to change (or expect me to change) your grade illegitimately or to bend or break rules for one person that will not apply to everyone. Cell phones and other personal digital communication devices will not be allowed during examinations. Any online quiz/homework assignments are to be completed by you. **No student collaboration is allowed.**

**Tentative Schedule Spring 2013**

*Note: We must be flexible with this schedule because of court and other obligations by the guest lecturers. Check your email and bulletin postings frequently!*

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<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Topic and Presenter(s)</th>
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| Week 1 | Jan. 9 | Course overview and requirements - Miller  
The history and development of forensic science - Miller |
| Week 2 | 16 | Crime laboratory sections and organization - Miller |
| Week 3 | 23 | The Lead Detective: Det. Mike Moreshi |
| Week 4 | 30 | Crime scene investigation: Nicole Zabik [SCSO] |
| Week 5 | Feb 6 | Latent fingerprints - Jennifer Molina [SCSO] |
| Week 6 | 13 | Firearms and tool marks examination – Matt Conway and Linzee Willette [FDLE] |
| Week 7 | 20 | Forensic Chemistry - Deborah Hahn and Emily Boyd [FDLE] |
| Week 8 | 27 | Midterm In-class writing assignment |
| Spring Break | | |
| Week 9 | Mar 13 | Forensic toxicology - Miller |
| Week 10 | 20 | Forensic Serology DNA – Wayne Walker [FDLE] |
| Week 11 | 27 | Forensic arson and explosives - Sigman |
| Week 12 | Apr. 3 | Digital forensics - Pollitt |
| Week 13 | 10 | Document examination – Vastrick, consultant |
| Week 14 | 17 | The Medical Examiner - Dr. Julia Martin, consultant |
| Final Exam | 24 | 7:00 – 9:50pm |