INTRODUCTION TO CRIMINALISTICS FIRST DRAFT

CCJS 320 – SYLLABUS [Sections 0101 and 0201 - Combined]

INSTRUCTOR: Thomas P. Mauriello, M.F.S.
PHONE #s: (Lab) 301-405-4718, (Home) 301-490-5957
(Cell) 301-219-1492, tmauriel@umd.edu

SEMESTER: Spring 2012
LABORATORY: Marie Mount Hall, Rm. 2401
LECTURE HALL: Marie Mount Hall, Rm. 1400

I. COURSE OBJECTIVES:
Welcome! This course takes a strategic look at the scientific methods used in the investigation, detection, and solution of crime. As a class, we will explore all the vital phases of the criminal investigation process and forensic sciences (Criminalistics) from the crime scene to the crime laboratory. We will do this together by way of class lectures, A/V and interactive web-based presentations, laboratory exercises, textbook readings, and the opportunity to learn from visiting guests speakers who are experts in their respective fields.

II. COURSE REQUIREMENTS:
Written homework will be assigned mainly from the laboratory exercises in the assigned workbook course packet. All assignments are required to be turned in on the day they are due (or the next class day if you were absent) to receive credit.

Reading homework assignments are from the course textbook and Course Documents located in ELMS – Blackboard [BB].


There are two written examinations: a midterm and a final. Both examinations will contain objective and short fill-in questions; and on the midterm, there will be a number of laboratory examination exercises from the assigned workbook course packet. The final is NOT cumulative: Therefore, the final examination covers material ONLY covered after the mid-term examination.

III. REQUIRED BOOKS: Sold at the Maryland Book Exchange ONLY!


Workbook [WB] Course Packet #51 – Provided by Linemark Printing at Maryland Book Exchange only. A reprint of James W. Osterburg’s, “The Crime Laboratory,” that contains most of the homework assignments we will use during the semester.


IV. EVALUATION SYSTEM:
1. Class attendance (Required-See Sec. X.3, p.5) = 15% (Attendance will be taken each class by signing a roster sheet)
2. Homework = 15% (Assignments must be turned in when due!)
3. Midterm Examination = 35%
4. Final Examination = 35%
100%

V. LABORATORY ASSIGNMENTS:

Lab (A) - 6:00pm - 7:15pm Lab (C) - 6:00pm - 7:15pm [Each student is assigned to one of these four labs held during scheduled classes]
Lab (B) - 7:30pm - 8:45pm Lab (D) - 7:30pm - 8:45pm
VI. CLASS MODULES AND HOMEWORK READING and WRITTEN ASSIGNMENTS:

Textbook [TB] including Case Readings, WebExtra sites, and End-of-Chapter Review Questions
Supplementary Book [SB] - Workbook [WB] - Blackboard [BB]

Module #1 - Course and Subject Introduction and the Role of the Crime Laboratory - [Lecture]

Module #2 - Quality and Usefulness of Evidence – [Lecture]

Module #3 - Crime Scene and Preservation of Physical Evidence - [Lecture]
[TB] Chapters 2, 3, 4, & 6; [SB] OJ Issues 1, 5, 7, 8, 12, 13, 15, 16, & 18;

Module #4 - Fingerprint (Other body ridge prints) - [Lecture and Lab Class]

Module #5 - Firearm Identification and Ballistics - [Guest Lecturers with Demonstration and Lab]

Module #6 - Toolmarks and Impressions (shoeprints, tire prints, etc.) - [Lecture and Lab Class]
[TB] Chapter 8, pp 252-271, WebExtra 7, [SB] OJ Issue 31, [WB] Exercises #6, #7, #8 (pp. 289, 311-23) and #7 (pp. 243, 267-269).

March 14th - Mid-Term Examination.

Module #7 - Forensic Hypnosis - [Lecture and Demonstration]
[SB] ¶15.02.

Module #8 - Transfer and Trace Evidence (Including hairs, fibers, blood pattern analysis & DNA)- [Lecture and Lab Class]
[TB] Chapters 9, 10, and 11, WebExtra 9.1, 11.6, 11.13, 11.15; [SB] ¶27.06 “Rape and Other Sexual Offenses.” and OJ Issues 9, 10, 17, 27, 28, 30 & 32; [WB] Exercises #1, #3 (pp. 371, 373-381) and #6, #7 (pp. 173, 197-201).

Module #9 - Questioned Documents (Handwriting, Typewriting, Paper, Inks) - [Lecture and Lab Class]
[TB] Chapter 12; [WB] Exercise #10 (pp. 175, 209-215); *Also two in-class exercises to be provided.

Module #10 - Polygraph [Lecture and Lab Demonstration]
[SB] ¶15.03 and OJ Issue 25.

Module #11 - Forensic Pathology (Death Investigation) - [Lecture and Lab Class]
[TB] Chapter 5, pp 140-146, Review questions 20-33 only; [SB] ¶ 28.05 and OJ Issues 3, 4, 19, 21, 22, 23, 24, 29, & 33. [WB] Exercises #3 (pp. 348, 359-361), #12 (pp. 175, 228-231), #14 (pp.175, 239).

May 09 - Final Examination
VII. LECTURE AND LABORATORY CLASS SCHEDULE: *Subject to change by prior notification of instructor!

<table>
<thead>
<tr>
<th>DATE</th>
<th>DAY</th>
<th>SECTIONS</th>
<th>TIME</th>
<th>LOCATION</th>
<th>ACTIVITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan.25</td>
<td>Wed.</td>
<td>0101</td>
<td>6:00-7:15pm</td>
<td>MMH-1400</td>
<td>Overview</td>
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<tr>
<td>Jan.25</td>
<td>Wed.</td>
<td>0201</td>
<td>7:30-8:45pm</td>
<td>MMH-1400</td>
<td>Overview</td>
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<tr>
<td>Jan.30</td>
<td>Mon.</td>
<td>All</td>
<td>6:00-8:45pm</td>
<td>MMH-1400</td>
<td>Introduction</td>
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<td>Feb. 01</td>
<td>Wed.</td>
<td>All</td>
<td>6:00-8:45pm</td>
<td>MMH-1400</td>
<td>Lecture</td>
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<tr>
<td>Feb.06</td>
<td>Mon.</td>
<td>All</td>
<td>6:00-8:45pm</td>
<td>MMH-1400</td>
<td>Lecture</td>
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<tr>
<td>Feb.08</td>
<td>Wed.</td>
<td>Lab (C)</td>
<td>6:00-7:15pm</td>
<td>Lab-2401</td>
<td>Exercise #1</td>
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<td>Feb.08</td>
<td>Wed.</td>
<td>Lab (D)</td>
<td>7:30-8:45pm</td>
<td>Lab-2401</td>
<td>Exercise #1</td>
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<td>Feb.13</td>
<td>Mon.</td>
<td>Lab (A)</td>
<td>6:00-7:15pm</td>
<td>Lab-2401</td>
<td>Exercise #1</td>
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<td>Feb.13</td>
<td>Mon.</td>
<td>Lab (B)</td>
<td>7:30-8:45pm</td>
<td>Lab-2401</td>
<td>Exercise #1</td>
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<td>Feb. 15</td>
<td>Wed.</td>
<td>All</td>
<td>6:00-8:45pm</td>
<td>MMH-1400</td>
<td>Lecture</td>
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<tr>
<td>Feb.20-22</td>
<td>Mon.-Wed.</td>
<td>Class time Catch-up</td>
<td><strong>No Classes</strong></td>
<td>Presenting @ American Academy for Forensic Sciences Conf.</td>
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<td>Feb.27</td>
<td>Mon.</td>
<td>Lab (A)</td>
<td>6:00-7:15pm</td>
<td>Lab-2401</td>
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<td>Feb.29</td>
<td>Wed.</td>
<td>Lab (C)</td>
<td>6:00-7:15pm</td>
<td>Lab-2401</td>
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<td>Feb.29</td>
<td>Wed.</td>
<td>Lab (D)</td>
<td>7:30-8:45pm</td>
<td>Lab-2401</td>
<td>Exercise #2</td>
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<td>Mar.05</td>
<td>Mon.</td>
<td>All</td>
<td>6:00-8:45pm</td>
<td>MMH-1400</td>
<td>Firearms ID – Guest Speakers</td>
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<td>Mar.07</td>
<td>Wed.</td>
<td>Lab (C)</td>
<td>6:00-7:15pm</td>
<td>Lab-2401</td>
<td>Exercise #3</td>
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<td>Mar.07</td>
<td>Wed.</td>
<td>Lab (D)</td>
<td>7:30-8:45pm</td>
<td>Lab-2401</td>
<td>Exercise #3</td>
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<td>Mar.12</td>
<td>Mon.</td>
<td>Lab (A)</td>
<td>6:00-7:15pm</td>
<td>Lab-2401</td>
<td>Exercise #3</td>
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<td>Mar.12</td>
<td>Mon.</td>
<td>Lab (B)</td>
<td>7:30-8:45pm</td>
<td>Lab-2401</td>
<td>Exercise #3</td>
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<td>Mar.14</td>
<td>Wed.</td>
<td>All</td>
<td>6:00-open</td>
<td>MMH-1400</td>
<td>MID-TERM EXAM - All Lab Sections</td>
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<tr>
<td>Mar. 19-21</td>
<td>Mon.-Wed.</td>
<td>SPRING BREAK</td>
<td><strong>No Classes this week</strong></td>
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<td>Mar.26</td>
<td>Mon.</td>
<td>All</td>
<td>6:00-8:45pm</td>
<td>MMH-1400</td>
<td>Lecture</td>
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CCJS 320 Syllabus – Spring 2012

Mar.28 Wed. All 6:00-8:45pm MMH-1400 Lecture

Apr.02 Mon. Lab (A) 6:00-7:15pm Lab-2401 Exercise #4
Lab (B) 7:30-8:45pm Lab-2401 Exercise #4

Apr.04 Wed. Lab (C) 6:00-7:15pm Lab-2401 Exercise #4
Lab (D) 7:30-8:45pm Lab-2401 Exercise #4

Apr.09 Mon. All ***No Class** Class time Catch-up

Apr.11 Wed. All 6:00-8:45pm MMH-1400 Lecture

Apr.16 Mon. Lab (A) 6:00-7:15pm Lab-2401 Exercise #5
Lab (B) 7:30-8:45pm Lab-2401 Exercise #5

Apr.18 Wed. Lab (C) 6:00-7:15pm Lab-2401 Exercise #5
Lab (D) 7:30-8:45pm Lab-2401 Exercise #5

Apr.23 Mon. All 6:00-8:45pm MMH-1400 Lecture

Apr.25 Wed. All 6:00-8:45pm MMH-1400 Lecture

Apr.30 Mon. Lab (A) 6:00-7:15pm Lab-2401 Exercise #6
Lab (B) 7:30-8:45pm Lab-2401 Exercise #6

May02 Wed. Lab (C) 6:00-7:15pm Lab-2401 Exercise #6
Lab (D) 7:30-8:45pm Lab-2401 Exercise #6

May07 Mon. All 6:00-8:45pm MMH-1400 Lecture

May 09 Wed. All 6:00pm MMH-1400 FINAL EXAM - All Lab Sections

* Dates and times above are subject to change by prior notification from Instructor or TAs!

VIII. TEACHING ASSISTANTS:

Kayla Sherwood kaylasherwood221@gmail.com; cell phone number: 301-408-9253
Jonathan Macri jmacri@terpmail.umd.edu; cell phone number: 301-659-7793

IX. GUEST LECTURERS

Joseph Koles, Laboratory Assistant. Mr. Koles is a UMCP Retired Volunteer Service Corps volunteer who is a Department of Justice (DEA) retired Forensic Chemist. He will present in Lab #4.

Beau Moulden (Firearms Expert) and Jeff Johnson (Firearms and Polygraph Expert) will present the Firearms lecture.

Jeff Johnson and a number of other federal polygraph examiners will participate in Lab Exercise #5.
X. UNIVERSITY REGULATION AND GUIDELINES:

1. Statement on Classroom Disruptions
The success of this class is dependent not only on my ability and talent as an instructor to communicate new and complicated ideas, but also on our ability as a class to work together to create an environment conducive to learning. As a department and university, we expect the faculty and students to be prepared for class and to be actively engaged in the classroom activities. Unfortunately, disruptive behaviors in the classroom cheat other students of opportunities to learn. The University of Maryland's Code of Academic Integrity defines classroom disruption as "behavior that a reasonable person would view as substantially repeatedly interfering with the conduct of a class." Examples include coming late to class, repeatedly leaving and entering the classroom without authorization, making loud or distracting noises, and persisting in speaking without being recognized. As the instructor of this class, I also find the following distracting: the use of cell phones, eating of an entire meal, reading outside material, operating laptop computers for other than lecture note taken, sleeping, and side conversations. [Cell phones must be silenced or removed from the classroom!]

2. Disruptive Students
Students are expected to treat each other with respect. Disruptive behavior of any kind will not be tolerated. Students who are unable to show civility with one another, the teaching assistants or I will be subject to referral to the Office of Student Conduct or to Campus Police. You are expected to adhere to the Code of Student Conduct.

3. Attendance Guidelines
University policy excuses the absences of students for illness (self or dependent), religious observances, participation in University activities at the request of University authorities, and compelling circumstances beyond the student's control. Students must submit the request in writing and supply appropriate documentation, e.g. medical documentation. Course syllabi should specify the nature of the in-class participation expected and the effects of absences on the student's grade. Students with written, excused absences are entitled to a makeup exam at a time mutually convenient for the instructor and student. For more information, see the University’s Attendance and Assessment Policy.

4. Medical Excuses
Campus Senate policy requires students who are absent due to illness/injury to furnish documentary support to the instructor. I require students to contact me by email or by phone prior to class time to indicate that you have an illness or an injury and will be missing class. You must provide written documentation verifying your illness/injury on the day that you return to class. You will not be allowed to turn in missed assignments or make up quizzes, tests, papers, etc. if you have not provided this documentation. In addition, if it is found that you have falsified the documentation provided, I will refer you to the University’s Student Conduct Office.