

**Science of Fingerprinting Lab
FSC 340L
Fall 2009**

Dean Bertram
AKH 103
Email: dean.bertram@usm.edu
Office Hours: By appointment
118 College Dr. #5127
Hattiesburg, Ms 39406

Sean Kochtitzky (TA)
AKH 104
Email: john.kochtitzky@usm.edu
Office Hours: By appointment/as posted
118 College Dr. #5127
Hattiesburg, Ms 39406

Purpose: This laboratory will test students in their skills of fingerprinting. The lab exercises are designed to teach fingerprint processing, recovery, and comparison.

Grading:

- Laboratory Attendance/Participation (15%) (One drop grade will be given)
- Laboratory Notebook (20%)
(Submit for grading at Midterm and Final Exam)
- 10 Quizzes (15%) (One drop grade will be given)
- Community Service Project (10%)
- Midterm Exam (15%)
- Final Exam (25%)

The total final amount of possible points is 100%.

Grading Scale:

A = 89.5-100	D = 59.5-69.4
B = 79.5-89.4	F = Below 59.5
C = 69.5-79.4	

Attendance Policy: Laboratory attendance is mandatory. NO MAKE-UP LABS WILL BE GIVEN UNDER ANY CIRCUMSTANCES. If the student knows that he/she will miss a laboratory, it is their responsibility to make the necessary arrangements with the instructor to meet with another laboratory THAT week.

Since ample opportunity is given to the students to make up labs, only one unexcused absence will be allowed. When a student misses two labs unexcused then they will be dropped one letter grade (10% points). If three classes are missed by a student then they will automatically be given a grade of an (F) for the semester.

Lab Times: Mondays- 12 p.m. to 1:50 p.m.
Wednesdays- 10 a.m. to 11:50 a.m.
Wednesdays- 6:30 p.m. to 9:15 p.m.

All students must have the material necessary for the lab. This includes a lab coat, safety goggles/glasses, and proper clothing attire. If the student does not have the necessary materials for that lab, he or she cannot attend the lab and will receive a "0" for the lab.

Because of laboratory safety and time, tardiness will not be tolerated. If the student arrives to the lab after the quizzes have been handed out, that student will not be allowed to participate in the lab and will receive a "0" for the lab.

Notes/Lab Report: A laboratory notebook will be maintained by the student detailing each laboratory experiment covered throughout the semester. The contents of this notebook will be detailed in the first week's laboratory proceedings.

Community Service Project: 3 hours of community service will be required. The Community service project must be one that pertains to rolling fingerprints. A short note, explaining what you did, must be signed by the organizer of the event and then turned into the instructor of the lab.

Schedule: *The Instructor retains the right to alter or change the schedule as needed.*

Weekly Schedule

Aug. 24 & Aug. 26	Introduction, Safety, Syllabus, Notes
Aug. 31 & Sept. 2*	Exercise 1: Inked Prints (known ten print, palms)
Sept. 7 & Sept. 9	No Class: Labor Day Holiday
Sept. 14 & Sept. 16	Exercise 2: Latent prints Development
Sept. 21 & Sept. 23	Exercise 3: Latent prints Development continued
Sept. 28 & Sept. 30**	Exercise 4: Chemical Processing/ Cyanoacrylate
Oct. 5 & Oct. 7	Exercise 5: Chemical Processing/ Dye stain
Oct. 8-9	Fall Break
Oct. 12 & Oct. 14	Exercise 6: Chemical Processing/ Ninhydrin
Oct. 19 & Oct. 21	MIDTERM
Oct. 26 & Oct. 28	Exercise 7: Chemical Processing/ Sticky side powder
Nov. 2 & Nov. 4	Exercise 8: Instrumental Processing/ ALS, Photography
Nov. 9 & Nov. 11	Exercise 9: Comparisons
Nov. 16 & Nov. 18	Exercise 10: Comparisons
Nov. 23 & Nov. 25	Thanksgiving Break: NO LABS
Nov. 30 & Dec. 2	FINAL EXAM

* Drop Date (and receive 100% refund) is September 1st 2009

**Drop date (without academic penalty) is September 30th 2009.

Plagiarism: The University's academic honesty policy will be strictly enforced. You are expected to understand the policy which is available in the University Student Handbook at the following address:

<http://www.usm.edu/union/downloads/handbook0809.pdf>

Plagiarism and/or cheating will not be tolerated. There will be no excuse for lack of familiarity of the Student Code of Conduct in the Student Handbook.

ADA: If a student has a disability that qualifies under the American with Disabilities Act (ADA) and requires accommodations, he/she should contact the Office of Disability Accommodations (ODA) for information on appropriate policies and procedures. Disabilities covered by ADA may include learning, psychiatric, and physical disabilities, or chronic

health disorders. Students can contact ODA if they are not certain whether a medical condition/disability qualifies.

Address (Hattiesburg campus):
The University of Southern Mississippi
Office of Disability Accommodations
118 College Drive #8586
Hattiesburg, MS 39406-0001
Telephone: (601) 266-5024
TTY: (601) 266-6837
Fax: (601) 266-6035