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CLO2 Explain the history and importance of DNA fingerprinting, articulate the principles of DNA profiling and inheritance, and apply this knowledge to a realistic field exercise.

CLO3 Analyze and critically evaluate forensic error, and ethical issues in forensic science.

CLO4 Explain and describe the Scientific Method; the Locard Exchange Principle; safe lab practices and proper evidence handling techniques; class and individual characteristics of

D	64-66.9
D minus	60-63.9
F	<60

and the incident will be reported to the Office of Student Conduct. You are expected, in all classes, to do your own thinking and writing, and turn in your best original work.

[Forensic Science Students](#) is a campus group open to all students interested in forensic science. The group meets biweekly during the semester and offers friendship, forensic science-related activities, networking opportunities, and mentorship. Members of the FSS participate and assist

Schedule is subject to change.

Weeks	Dates	Topics and Activities	Required Reading
1-2	8/19-8/30	Please attend orientation meeting, Friday 8/21 at 11:00 on Zoom: Course overview, groups, lab notebook rubric  Introduction to Forensic Science Science/scientific method, lab structure, history of forensic science, roles of investigative personnel, pure research v. applied science, characteristics of evidence (class, individual, identification), types of evidence (bio, chem, pattern), types of analysis, databases, chain of custody, probative value of forensic evidence, probability Observation Terminology Quiz	Chapter 2 See Canvas for assignments, due dates, and additional readings
3-4	8/31-9/13	Trace Evidence Microscopy & Trace, Phys Fit Locard/trace evidence, soil/hair, physical fit Terminology Quiz, Midterm 1	