

STUDENT LEARNING OUTCOMES

1. Compare and contrast the differences between accidental and suspicious fires.
2. Justify the method of recognition and preservation of evidence and explain the cause(s) of fires.
3. Identify, collect, and synthesize evidence and the procedures to present evidence in court.

COURSE SCHEDULE

<u>DATE</u>	<u>Week#</u>	<u>Topics</u>
8/25/25	1	Orientation and Introduction ORGANIZATION, RESPONSIBILITIES, AND AUTHORITY
9/01/25	2	SAFETY
9/08/25	3	FIRE DYNAMICS: BEHAVIOR, CHEMISTRY, AND PHYSICS
9/15/25	4	EXPLOSION DYNAMICS
9/22/25	5	BUILDING CONSTRUCTION AND THE FIRE INVESTIGATOR & BUILDING SERVICES
9/29/25	6	BASIC ELECTRICITY FOR THE FIRE INVESTIGATOR
10/06/25	7	INVESTIGATIVE PROCESS
10/13/25	8	MIDTERM EXAM
10/20/25	9	SCENE SECURITY & SCENE DOCUMENTATION
10/27/25	10	EVIDENCE COLLECTION AND PRESERVATION
11/03/25	11	INTERVIEWS
11/10/25	12	FIRE AND EXPLOSION SCENE EXAMINATION
11/17/25	13	AREA OF ORIGIN DETERMINATION
11/24/25	14	DEBRIS EXAMINATION, REMOVAL, AND RECONSTRUCTION
12/01/25	15	IGNITION SOURCE, IGNITION SEQUENCE, AND CAUSE DETERMINATION
12/08-13/25		FINAL EXAM

Students needing accommodations should inform the instructor. As required by the Americans with Disabilities Act (ADA), accommodations are provided to insure equal access for students with verified disabilities. To determine if you qualify or need assistance with an accommodation, please contact ACCESSIBILITY SUPPORT CENTER (Formerly DSPS), Room 1073, (831) 479-6220.