

## OUTCOMES BASED LEARNING MATRIX

Course: **Fire Investigation 2** Department: **Fire Science Technology**

*COURSE OUTCOMES	OUTCOMES ACTIVITIES	ASSESSMENT TOOLS
1. Be familiar with Massachusetts General Law 266. MGL 266 contains all Arson laws.	1. Carefully read the appropriate sections in text and handout material; (R,CT) 2. Attend class and take appropriate notes; (W) 3. Do assignments in text; (R,CT,QS,W)	1. Hand in assignments; (R,CT,QS,W) 2. Written exam; (R,CT,QS,W)
2. Be able to determine whether a fire is accidental or an arson fire. 3. Have the ability to conduct a thorough investigation using procedures designed to preserve evidence.	1. Carefully read the appropriate sections in text and handout material; (R,CT) 2. Attend class and take appropriate notes; (W) 3. Do assignments in text; (R,CT,QS,W)	1. Hand in assignments; (R,CT,QS,W) 2. Written exam; (R,CT,QS,W) 3. Case study/role playing to show problem solving using policies and procedures; (OC,CT,R,W)
4. Understand the motivation of arsonists and be aware of their different psychological backgrounds. 5. Have an awareness of the methods arsonist use to set fires.	1. Carefully read the appropriate sections in text and handout material; (R,CT) 2. Attend class and take appropriate notes; (W) 3. Do assignments in text; (R,CT,QS,W)	1. Hand in assignments; (R,CT,QS,W) 2. Written exam; (R,CT,QS,W)
6. Be familiar with court procedures and have an understanding of what may be required while assisting in prosecuting a case.	1. Carefully read the appropriate sections in text and handout material; (R,CT) 2. Attend class and take appropriate notes; (W) 3. Do assignments in text; (R,CT,QS,W)	1. Hand in assignments; (R,CT,QS,W) 2. Written exam; (R,CT,QS,W) 3. Case study/role playing to show problem solving using policies and procedures; (OC,CT,R,W)
To strengthen Core Competencies** in order to increase success in this and other courses and in the workplace.	Referenced above	Referenced above.

Core Competencies that apply to the outcomes activities and assessment tools: Critical Thinking (CT); technology skills (TS); oral communications (OC); quantitative skills (QS); reading (R); writing (w).

