

OUTCOMES BASED LEARNING MATRIX

Course: **Fundamentals of Fire Prevention** Department: **Fire Science Technology**

*COURSE OUTCOMES	OUTCOMES ACTIVITIES	ASSESSMENT TOOLS
1. Have knowledge of major fires, which caused passage of fire prevention laws including the Coconut Grove fire, the Station Nightclub fire and others.	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 familiar with the basics of the Massachusetts Fire Prevention Codes / Chapter 148 and 527 CMR. 3. Be aware of the protection of 4 th Amendment rights of the individual while conducting inspections through studying several landmark court decisions.	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)
4. Know the correct way to conduct systematic inspections of various occupancies. 5. Be able to recognize fire hazards and know the procedure to have them rectified	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. Oral presentation critiqued by instructor, class, and/or self (OC, CT, R, W)
6. Become familiar with public and private fire prevention training programs.	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	Referenced above	Referenced above.

Order to increase success in this and other Courses and in the workplace.		
---	--	--

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).