

Program SLOs

Fire Technology

A.A. Degree – Fire Technology

Certificate of Achievement – Fire Technology

Fire Technology Program Student Learning Outcomes From the 2015 PrOF (Program Review) Update

1	Program Student Learning Outcome (P-SLO)	Entry level skills	<ul style="list-style-type: none"> Comprehend the qualifications for entry level skills, the discipline and evaluation process, fire service structure, history, and culture for the field of fire technology.
2	Program Student Learning Outcome (P-SLO)	Fire Incidents/mgt/safety	<ul style="list-style-type: none"> Analyze, appraise, and evaluate fire incidents and components of emergency management and fire fighter safety.
3	Program Student Learning Outcome (P-SLO)	Laws and Regulations	<ul style="list-style-type: none"> Comprehend laws, regulations, codes, standards and the regulatory and advisory organizations that influence fire department operations.
4	Program Student Learning Outcome (P-SLO)	Fire science	<ul style="list-style-type: none"> Analyze and determine the causes of fire, extinguishing agents, stages of fire, fire development, and methods of heat transfer.
5	Program Student Learning Outcome (P-SLO)	Hydraulics	<ul style="list-style-type: none"> Synthesize and determine the appropriate use and flow requirement of hydraulic fire apparatus.
6	Program Student Learning Outcome (P-SLO)	Fire Apparatus	<ul style="list-style-type: none"> Describe the appropriate uses and maintenance for apparatus and equipment used in the fire service
7	Program Student Learning Outcome (P-SLO)	Facility evaluation	<ul style="list-style-type: none"> Evaluate the common types of building construction and conditions associated with structural collapse and fire fighter safety.
8	Program Student Learning Outcome (P-SLO)	Fire detection and suppression	<ul style="list-style-type: none"> Evaluate fire detection and fire suppression systems.

Certificate Fire Technology Student Learning Outcomes*

SLO 1 -Comprehend the qualifications for entry level skills, the discipline and evaluation process, fire service structure, history, and culture for the field of fire technology.

SLO 2 Analyze, appraise, and evaluate fire incidents and components of emergency management and fire fighter safety.

SLO 3 Comprehend laws, regulations, codes, standards, and the regulatory and advisory organizations that influence fire department operations.
SLO 4 Analyze and determine the causes of fire, extinguishing agents, stages of fire, fire development, and methods of heat transfer.
SLO 5 Synthesize and determine the appropriate use and flow requirement of hydraulic fire apparatus.
SLO 6 Describe the appropriate uses and maintenance for apparatus and equipment used in the fire service.
SLO 7 Evaluate the common types of building construction and conditions associated with structural collapse and firefighter safety.
SLO 8 Evaluate fire detection and fire suppression systems.

A.A. Fire Technology Student Learning Outcomes*
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* Developed through the Curriculum Committee approval process.