

Program SLOs Fire Technology

A.A. Degree – Fire Technology

Certificate of Achievement – Fire Technology

Fire Technology Program Student Learning Outcomes From the 2009/2010 PrOF (Program Review)		
Outcome Number	Outcome Title	Outcome Description
P-SLO 1	Entry Level Skills	Comprehend the qualifications for entry level skills, the discipline and evaluation process, fire service structure, history, and culture for the field of fire technology.
P-SLO 2	Fire Incidents/Management/Safety	Analyze, appraise, and evaluate fire incidents and components of emergency management and fire fighter safety.
P-SLO 3	Laws and Regulations	Comprehend laws, regulations, codes, standards and the regulatory and advisory organizations that influence fire department operations.
P-SLO 4	Fire Science	Analyze and determine the causes of fire, extinguishing agents, stages of fire, fire development, and methods of heat transfer.
P-SLO 5	Hydraulics	Synthesize and determine the appropriate use and flow requirement of hydraulic fire apparatus.
P-SLO 6	Fire Apparatus	Describe the appropriate uses and maintenance for apparatus and equipment used in the fire service.
P-SLO 7	Facility Evaluation	Evaluate the common types of building construction and conditions associated with structural collapse and fire fighter safety.
P-SLO 8	Fire Detection and Suppression	Evaluate fire detection and fire suppression systems.