

FIRE PROTECTION & SAFETY ENGINEERING TECHNOLOGY

A degree in Engineering, Architecture or Technology provides the knowledge and tools for problem solving. Be aware that the actual work that engineers perform will vary depending on the company and industry in which they work. Some engineers work in a research or development capacity, while others serve in management roles. The work environment also varies, including outdoor work, work in an office setting,

CAREER PATHS IN FIRE PROTECTION AND SAFETY ENGINEERING

- Fire Protection Sales
- Safety Supervisor
- Emergency Response Analyst
- Risk Engineer
- Fire Protection and Safety Engineer
- Fire Sprinkler Designer
- Engineering Consultant
- HES Professional
- Directional Driller
- H&E Auditor
- Project Engineer



WHO HIRES FIRE PROTECTION AND SAFETY ENGINEERS?

Kuwait Oil Company, Chevron Phillips Chemical Company, Commercial Services Inc., Firetrol, Koch Fertilizer, Ahern Fire Protection, CH2M Hill Plateau Remediation Company, Fire Protection and Risk Alliance, Exelon, US Marine Corp, Liberty Mutual, Valero Energy, Maxwell Pipeline, Jensen Hughes, Southland Industries, CNS Pantex, Superior Fire Protection, ANDOC, American Fire Protection, Hayden & Company, Marathon Oil, Cherne Contracting Corporation, Hilti, Guernsey, Pond & Company, ConocoPhillips, Zurich, Textron Aviation, Palmetto Automatic Sprinkler CO., Phillips 66, Grayson County OEM, Ministry of Interior, Haliburton, Hughes Associates, CITGO Petroleum, GFS Texas, US Army, APS Fire, Flint Hills Resources, Newfield Exploration, BEthel Corp., RJA

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FIRE PROTECTION & SAFETY ENGINEERING

The curriculum for this degree provides preparation for assessing and reducing the loss potential in the industrial setting with respect to fire, safety, industrial hygiene, and hazardous material incidents.

TIPS FOR SUCCESS IN FIRE PROTECTION AND SAFETY ENGINEERING

- After enrolling into and completing the Fire Protection and Safety Engineering Program as well as taking the Fundamentals of Engineering Exam, gain experience in the field either by getting a position or serving as a volunteer, with a Firefighting Agency.
- Get your License to practice by taking the Professional Engineering Exam.
- Look for opportunities to advance in your career and join organizations that will enhance your career such as the Society of Fire Protection Engineers.

FOR MORE INFORMATION ABOUT
{MAJOR} AT OSU

Prospective Student Services:
(405) 744-5276

Career Services:
(405) 744-3858

ADDITIONAL RESOURCES ABOUT FIRE PROTECTION AND SAFETY ENGINEERING TECHNOLOGY CAREERS

- hireosugrads.com
- www.asee.org
- fpst.okstate.edu
- www.bls.gov/ooh/
- www.sfpe.org

STARTING AVERAGE SALARIES

(Data gathered from OSU CEAT graduates)

2013 – \$63,300

2014 – \$65,295

2015 – \$63,690

MARKETABLE SKILLS OF FP&S ENGINEERING TECHNOLOGY GRADUATES

- Ability to conduct training on loss control topics
- Understand and adhere to ethical and professional responsibilities
- Know the impact of engineering technology solutions in a societal and global context
- Evaluate Hazards
- Conduct Risk Analysis and management activities
- Formulate control and mitigation strategies
- Apply and interpret applicable codes and standards
- Understand incident investigations including legal responsibilities and recordkeeping
- Maintain program/system effectiveness