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, or a combination.

**SKILLS**
Students completing the degree program will have a strong background in mathematics, science, and engineering, an understanding of professional and ethical responsibilities, and the ability to communicate effectively.

**CAREER PATHS**
- 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 ENGINEERING MAJORS**

- Kuwait Oil Company
- Chevron Phillips Chemical Company
- Cheme Contracting Corporation
- 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
STARTING AVERAGE SALARIES

(DATA GATHERED FROM OSU CEAT GRADUATES)

2015 - $63,690
2016 - $61,795
2017 - $66,000
2018 - $71,000

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 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.

GET INVOLVED ON CAMPUS

Society of Fire Protection Engineers

Additional Resources About Fire Protection and Safety Engineering Careers:
hireosugrads.com
www.asee.org
fpst.okstate.edu
www.sfpe.org

MARKETABLE SKILLS OF FIRE PROTECTION AND SAFETY ENGINEERING 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 record keeping
- Maintain program/system effectiveness