

# DEGREES & CERTIFICATES

## OCCUPATIONAL SAFETY AND HEALTH CERTIFICATE OF ACHIEVEMENT (CA)

### About the Program

The Certificate of Achievement in Occupational Safety and Health is designed to provide students with a foundation of understanding hazardous materials management, construction safety, OSH safety training and accident investigation, for workplace safety and health standards. The Occupational Safety and Health specialist implements mandated health and safety regulations in an effort to control occupational accidents and diseases, property losses and injuries due to unsafe working conditions. The scope of this position includes the identification of physical hazards and the design and implementation of remediation, the evaluation of potential toxic agent risk to the employer, the development of safety management and employee training/management programs. The demand for occupational safety and health specialists has grown over the past 10 years. According to the U.S. Bureau of Labor Statistics, federal, state and local government job growth will continue through 2022.

### Program Goals and Objectives

The Certificate of Achievement in Occupational Safety and Health (OSH) is designed to provide students with a foundation of understanding hazardous materials management, construction safety, OSH safety training and accident investigation, for workplace safety and health standards. Occupational Health and Safety students learn to control, eliminate, and prevent disease or injury caused by chemical, physical, radiological, and biological agents or ergonomic factors as well as prepare an emergency response plan.

### Career Opportunities

The safety and health practitioner may specialize in fire and property, chemical and radiological safety, emergency response, general workplace safety, transportation, construction, systems or product design. The Certificate of Achievement in Occupational Safety and Health is designed for direct job entry and/or career enhancement. Completion of the certificate may be used to provide work experience credit toward OHST (Occupational Health and Safety Technician) certification requirements. Completion of the certificate may be used to provide work experience credit toward CSP (Certified Safety Professional) certification requirements. Career opportunities include, Safety Technician, Safety Specialist, Safety Officer, Industrial Hygienist, Safety Professional – Construction, Safety Professional – Manufacturing, Safety Professional – Metals, and Field Safety and OSHA Specialist.

### Program Outcomes

- Upon completion of the Certificate of Achievement in Occupational Safety and Health, students are able to prepare an emergency response plan meeting regulatory requirements.
- Upon completion of the Certificate of Accomplishment in Occupational Safety, students are able to perform basic duties of a safety specialist.
- Upon completion of the Certificate of Achievement in Occupational Safety and Health, students are able to design programs to control, eliminate, and prevent disease or injury caused by chemical, physical, radiological, and biological agents or ergonomic factors.

### Required Core: (12 Units)

OSH 50 Intro Occupational Safety/Hlth.....	3
OSH 60 Elements of Industrial Hygiene.....	3
OSH 62 Physical Hazards.....	3
OSH 67 Comp Regulatory Requirements.....	3

### List A: Select from Below (4-5 Units)

BIO 20 Contemporary Human Biology.....	3
CHEM 30A Introductory and Applied Chemistry I.....	4
FST 4 Fire Prevention.....	3
PHYS 10 Descriptive Physics.....	3
RADS 40A Radiation Safety.....	2
RADS 40B Emergency Response and Monitoring.....	1
RADS 40C Safety Controls and Regulation.....	1