

Occupational Safety and Health

Associate of Applied Science

65-66 credit hours

The Associate of Applied Science in Occupational Safety & Health is a two-year program that is intended to ensure that students acquire the intellectual knowledge and technical skills that will enable them to advance in the safety field through organizational advancement and professional certification. This degree fulfills the needs of entry-level safety personnel who wish to gain professional stature. Additionally, it prepares experienced safety professionals who lack an advanced degree required to seek professional certification, such as CSP (Certified Safety Professional) and CSHM (Certified Safety and Health Manager).

Upon program completion students will be able to:

- Demonstrate the Occupational/Safety and Health skills needed to meet the demand in the industry.
- Demonstrate the skills needed to keep compliance with current regulatory agencies to create a safe and healthy work environment for employees.
- Demonstrate the skills needed to continue toward progressively advanced credentials, such as the designations of Certificate; Associate of Applied Science; and Bachelor of Applied Arts and Sciences.

All Courses offered online.

Any student who is ineligible for state, national, or industry licensure or certification is ineligible for entry into this program.

Institutional and Related Requirements – 3 hours

UNIV 101 - Freshman Seminar – 3

MATH 104 - Preparatory Algebra – 4

New Mexico General Education Common Core (NMGCEC) – 19 or 20 hours

I. Communications – 6 hours

Required Courses:

ENG 102 - English Composition – 3

COMM 101 - Interpersonal Communications – 3

or COMM 102 - Public Speaking – 3

III. Science – 4 hours

Recommended courses:

BIOL 111/L - Environmental Science/Lab – 4

BIOL 154/L - General Biology: Subcellular through Organismic Biology/Lab – 4

BIOL 155/L - General Biology: Organismic through Supra Organismic Biology/Lab – 4

CHEM 151/L - General Chemistry I/Lab – 4

CHEM 152/L - General Chemistry II/Lab – 4

or any science with a lab listed in the NMGCEC

IV. Social Science – 3 hours

Recommended Courses:

PSCI 102 - American National Government – 3

PSY 101 - Introductory Psychology – 3

SOC 101 - Introductory Sociology – 3

or a Social Sciences from the NMGECC

V. Fine Arts and Humanities – 3 or 4 hours

Recommended Courses:

HIST 101 - Survey of American History to 1877 – 3

HIST 102 - Survey of American History since 1877 – 3

HIST 121 - Survey of Western Civilization to 1500 – 3

HIST 122 - Survey of Western Civilization since 1500 – 3

SPAN 101 - Beginning Spanish – 4

or any Humanities course listed in the NMGECC

Technical Requirements – 39 hours

ENPT 141 - Principles of Industrial Hygiene – 3

ENPT 144 - Environmental Sampling/Analysis – 3

ENPT 149 - Environmental Regulations – 3

ENPT 200 - Department of Transportation (DOT) – 3

OSH 101 - Total Quality Management for Safety – 3

OSH 105 - Regulations-Construction – 3

OSH 109 - Physical Hazard Control – 3

OSH 113 - Accident Prevention/Investigation – 3

OSH 121 - Fire Protection Systems – 3

OSH 201 - Regulations -General Industry – 3

OSH 205 - Ergonomics/Human Factors in Safety – 3

OSH 209 - Safety Program Management – 3

Electives – 3 hours