

OCCUPATIONAL SAFETY AND HEALTH TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE

The Occupational Safety and Health Technology program will prepare students for careers in the occupational safety and health field where they will identify, analyze and control hazards of the workplace. Students will develop a strong background in safety, health and environmental topics as well as the core sub-disciplines of chemistry, math, science, and technical writing.

Students will be trained to manage safety and health programs, perform safety inspections and audits, develop safety controls, and ensure compliance with the OSHA regulations. The AAS degree program meets the requirements of the Board of Certified Safety Professionals (BCSP) to sit for the Associate Safety Professional (ASP) and Certified Safety Professional (CSP) exams (with the required years of professional experience).

Graduation Requirements

To be eligible for either a Certificate or an Associate of Applied Science degree in Occupational Safety and Health Technology, students must have completed the prescribed courses listed in this catalog with an overall grade point average of 2.0 or better, and pass each class listed in the prescribed course of study with a grade of "C" or better.

Effective September 1, 2017, HB 1508 amends the Texas Occupations Code Section 53 that requires education providers to notify potential or enrolled students that a criminal history may make them ineligible for an occupational license upon program completion. Program specific information will be provided in course syllabi.

Stackable Credentials

- Associate of Applied Science - Occupational Safety and Health Technology (p. 1)
- Certificate - Occupational Safety and Health Technology (<http://coursecatalog.com.edu/catalog/areas-of-study/industry/occupational-safety-and-health-cert1/#fulltimescheduletext>)

Full-Time Student Schedule

Course	Title	Semester Credit Hours
Semester #1 (Fall)		
OSHT 1301	Introduction to Safety and Health	3
OSHT 1305	OSHA Regulations - Construction Industry	3
OSHT 2401	OSHA Regulations - General Industry	4
ENGL 1301	Composition I ²	3
Semester Credit Hours		13
Semester #2 (Spring)		
OSHT 1309	Physical Hazards Control	3
EPCT 1341	Principles of Industrial Hygiene	3
MATH 1314	College Algebra	3
ENGL 2311	Technical & Business Writing	3

OSHT 1313	Accident Prevention, Inspection and Investigation	3
Semester Credit Hours		15
Semester #3 (Summer)		
EPCT 1313	Contingency Planning	3
Semester Credit Hours		3
Semester #4 (Fall)		
CHEM 1405	Introductory Chemistry I (Process Tech) / Occupational Safety)(030)	4
OSHT 2305	Ergonomics and Human Factors in Safety	3
OSHT 1321	Fire Protection Systems	3
PHIL 2306	Introduction to Ethics ²	3
Semester Credit Hours		13
Semester #5 (Spring)		
BMGT 2309	Leadership ²	3
or COSC 1301	or Introduction to Computing	
EPCT 1305	Environmental Regulations Overview	3
OSHT 2309	Safety Program Management ¹	3
PSYC 2301	General Psychology ²	3
BIOL 1406	Biology for Science Majors I ²	4
or BIOL 2401	or Anatomy & Physiology I	
Semester Credit Hours		16
Total Semester Credit Hours		60

¹ Capstone course

² Course(s) listed in the Texas Common Course Numbering System (<https://tcns.org/institution/id:14/yid:19/>). This includes COSC 1301.

Part-Time Student Schedule

Course	Title	Semester Credit Hours
Semester #1		
OSHT 1301	Introduction to Safety and Health	3
OSHT 1305	OSHA Regulations - Construction Industry	3
OSHT 2401	OSHA Regulations - General Industry	4
Semester Credit Hours		10
Semester #2		
OSHT 1309	Physical Hazards Control	3
EPCT 1341	Principles of Industrial Hygiene	3
OSHT 1313	Accident Prevention, Inspection and Investigation	3
Semester Credit Hours		9
Semester #3		
ENGL 1301	Composition I ²	3
EPCT 1313	Contingency Planning	3
Semester Credit Hours		6
Semester #4		
OSHT 2305	Ergonomics and Human Factors in Safety	3
MATH 1314	College Algebra ²	3
OSHT 1321	Fire Protection Systems	3
Semester Credit Hours		9

Semester #5

ENGL 2311	Technical & Business Writing ²	3
EPCT 1305	Environmental Regulations Overview	3
OSHT 2309	Safety Program Management ¹	3
Semester Credit Hours		9

Semester #6

PHIL 2306	Introduction to Ethics ²	3
Semester Credit Hours		3

Semester #7

BMGT 2309 or COSC 1301	Leadership ² or Introduction to Computing	3
PSYC 2301	General Psychology ²	3
BIOL 1406 or BIOL 2401	Biology for Science Majors I ² or Anatomy & Physiology I	4
Semester Credit Hours		10
Total Semester Credit Hours		56

¹ Capstone course² Course(s) listed in the Texas Common Course Numbering System (<https://tcns.org/institution/id:14/yid:19/>). This includes COSC 1301.