

OCCUPATIONAL HEALTH AND SAFETY

To earn an associate degree, additional general education and graduation requirements (<https://catalog.swccd.edu/certificates-certifications-degrees-csuuc-requirements/>) must be completed.

Associate in Science

Career/Technical (Major Code: A1973)

Emphasis on the recognition, evaluation, and control of hazardous agents in the work environment; regulations pertaining to the California and Federal Occupational Safety and Health Administration; the toxicological effects of hazardous agents in the workplace, occupational diseases and methods of prevention; industrial safety practices; the administration and management of safety programs; and monitoring techniques for airborne contaminants, noise, heat, illumination, and radiation.

Program Student Learning Outcome

- Speak authoritatively and actively to present training information to others and then listen to their feedback to confirm the quality of training presented.

Code	Title	Units
Program Requirements		
BIOL 190	HUMAN ANATOMY AND PHYSIOLOGY	4
CHEM 100	INTRODUCTION TO GENERAL CHEMISTRY	4
EHMT 100	INTRODUCTION TO ENVIRONMENTAL TECHNOLOGY	4
EHMT 130	INTRODUCTION TO TOXICANTS	3
EHMT 201	INTRODUCTION TO INDUSTRIAL HYGIENE AND OCCUPATIONAL HEALTH	4
EHMT 260	OCCUPATIONAL SAFETY	3
EHMT 261	OCCUPATIONAL SAFETY MANAGEMENT	3
EHMT 230	SAFETY AND EMERGENCY RESPONSE	4
Select 4-8 units of the following:		4-8
EHMT 290	ENVIRONMENTAL TECHNOLOGY COOPERATIVE WORK EXPERIENCE I	
EHMT 291	ENVIRONMENTAL TECHNOLOGY COOPERATIVE WORK EXPERIENCE II	
EHMT 292	ENVIRONMENTAL TECHNOLOGY COOPERATIVE WORK EXPERIENCE III	
EHMT 293	ENVIRONMENTAL TECHNOLOGY COOPERATIVE WORK EXPERIENCE IV	
Total Units		33-37

Code	Title	Units
Recommended Electives		
BIOL 211	INTRODUCTION TO CELL AND MOLECULAR BIOLOGY	4
BIOL 265	GENERAL MICROBIOLOGY	4
MATH 119	ELEMENTARY STATISTICS	4

A forty-hour HAZWOPER certification that meets OSHA requirements for 29 CFR 1910.120 is given upon the successful completion of EHMT 230.