

Environmental/Occupational Safety and Health Technology (AAS)

Degree Type: Associate of Applied Science Degree

Division: Business, Education, Math, Science & Technology

Purpose: Career and Technical Education. The Environmental/Occupational Safety & Health Technology program prepares students for positions in occupational safety and health or environmental technology. Health and safety specialists work with federal, state, and/or local environmental and occupational regulatory programs. They address compliance issues, worker's compensation, monitoring, training, and recordkeeping in addition to many other requirements. Environmental technology addresses water, wastewater, air, solid waste, hazardous waste and other environmental programs.

FIRST YEAR

Fall Semester			Hours	✓
ENGL ENGL	105 ⁽¹⁾ 111 ⁽¹⁾	Technical Writing –or– College Writing	3	
CIVL MATH	106 ⁽¹⁾ 153 ⁽¹⁾	Technical Math I ⁽²⁾ –or– Intermediate Algebra (or higher level Math course)	3	
GOVT	121 ⁽¹⁾	National and State Government	3	
BIOL BIOL BIOL CHEM CHEM	101 ⁽¹⁾ 102 ⁽¹⁾ 231 111 121 ⁽¹⁾	General Biology –or– Environmental Science –or– Anatomy & Physiology I –or– Introductory Chemistry –or– General Chemistry I	4 or 5	
TOTAL HOURS			13-14	

Spring Semester			Hours	✓
EMDS SCOM	103 125	First Responder Rescue –or– Communication in the Workplace	3	
PHYS	150	Environmental Geology	4	
MAFT	229	Introduction to Health and Safety	3	
EOSH	116	Introduction to Industrial Hygiene	3	
GIS	120	Introduction to Geographic Information Systems	3	
TOTAL HOURS			16	

SECOND YEAR

Fall Semester			Hours	✓
SCOM	110	Public Speaking	3	
EOSH	205	Safety & Health Regulations	3	
EOSH	206	Environmental Regulation	3	
EOSH	215	Transportation, Storage & Handling of Hazardous Materials	3	
EOSH	216	Waste Management and RCRA	3	
BMGT	215	Supervisory Development	3	
TOTAL HOURS			18	

Spring Semester			Hours	✓
EOSH	225	Accident Investigation	3	
EOSH	226	Emergency Preparedness and Planning	3	
CIVL	248	Water and Wastewater Systems	3	
CIVL	198	Workplace Readiness	1	
MAFT	297	Internship ⁽³⁾	6	
TOTAL HOURS			16	

⁽¹⁾Course has prerequisite or placement requirements.

⁽²⁾Students planning to transfer to a four-year institution should substitute MATH 163, MATH 164 or MATH 170

⁽³⁾Students with extensive full-time industry experience and instructor approval may substitute six credit hours of approved coursework.