Environmental Technology

Certificate in Applied Sciences
Credit Requirements: 38 credit hours

The Environmental Technology certificate program prepares the graduate for employment in positions related to air quality, water quality, solid waste management, hazardous materials, hazardous waste and emergency response.

Recommended Sequence of Courses
First Semester – Fall
EVT 205 Introduction to Environmental Technology 4
MAT 110 College Algebra 3
Total 7

Second Semester – Spring
CHM 110 College Chemistry I 4
EVT 210 Introduction to Environmental Law 3
EVT 256 Hazardous Waste 3
EVT 260 Air Pollution Control Systems 3
Total 13

Third Semester – Summer
EVT 110 Introduction to Treatment Facilities 3
EVT 154 Chemistry of Hazardous Materials 4
Total 7

Fourth Semester – Fall
EVT 101 Man and His Environment 3
EVT 222 Environmental Microbiology 4
EVT 224 Environmental Chemistry Analysis 4
Total 11

Sustainable Technology

Certificate in Applied Sciences
Credit Requirements: 26 credit hours

The Sustainable Technology certificate prepares the graduate for employment in positions related to energy management, resource conservation, waste minimization, transportation system management and biotechnology.

Recommended Sequence of Courses
First Semester – Fall
EVT 222 Environmental Microbiology 4
EVT 251 Health Effects of Hazardous Materials 3
EVT 262 Energy Management 3
EVT 264 Transportation Systems 3
Total 13

Second Semester – Spring
EVT 225 Best Management Practices (BMP) Applications 3
EVT 230 X-ray Fluorescence Technology 3
Total 6

Third Semester – Summer
EVT 250 Solid Waste Management 3
EVT 265 Introduction to Biotechnology 4
Total 7

Environmental, Safety and Health Technology

Certificate in Applied Sciences
Credit Requirements: 19 credit hours

The Environmental, Safety and Health Technology certificate program prepares the graduate for employment in positions related to air quality compliance, water quality compliance, solid waste compliance, hazardous materials compliance, hazardous waste compliance, industrial hygiene, industrial safety, health physics and industrial ventilation.