

# ENVIRONMENTAL ENGINEERING TECHNOLOGY, CERTIFICATE OF ACHIEVEMENT

The Certificate in Environmental Engineering Technology prepares the students to work in an environmental industry with environmental engineers in order to assess environmental pollution problems, to determine and institute pollution prevention methods and remediation strategies. Students will learn relevant scientific and engineering concepts and gain practical knowledge in identifying, designing, and assessing solutions to environmental pollution problems. Students will also learn the proper maintenance of technical documents to ensure compliance with local, state, and federal environmental regulations.

Course ID	Title	Units/ Hours
CHEM M12	Introductory Chemistry I	4
GIS M01	Introduction to Mapping and GIS	3
ENGR M04	Engineering Design/CAD	3
ENGR M33	Intro to Environmental Engr	3
ENGR M33L	Environmental Engineering Lab	1
ENGR M35	Solid Waste and Hazardous Waste Management	3
WS V22	Stormwater Pollution Prevention	3
<b>Total Required Major Units: 20</b>		

Year 1		
Fall Semester		Units/Hours
CHEM M12	Introductory Chemistry I	4
GIS M01	Introduction to Mapping and GIS	3
ENGR M04	Engineering Design/CAD	3
<b>Units/Hours</b>		<b>10</b>
Year 2		
Fall Semester		
ENGR M33	Intro to Environmental Engr	3
ENGR M33L	Environmental Engineering Lab	1
ENGR M35	Solid Waste and Hazardous Waste Management	3
WS V22	Stormwater Pollution Prevention	3
<b>Units/Hours</b>		<b>10</b>
<b>Total Units/Hours</b>		<b>20</b>

Upon successful completion of this program, students will be able to:

- work in an environmental industry and assist the environmental engineer with compliance of local, state, and federal regulations.
- work in an environmental industry and assist the environmental engineer with identification, assessment, and clean-up of environmental pollution including air, water, and soil pollution.
- demonstrate an understanding of our environmental pollution problems and the application of relevant scientific and engineering principles in addressing those problems.