Environmental Technician Certificate

Program Description

This Certificate in Environmental Technician is designed to provide entry-level training for those interested in supporting environmental services. Emphasis is placed on developing field skills as well as competencies in basic science and math content for technical work. The program will serve as a career or educational ladder for students interested in interdisciplinary environmental studies.

Program Student Learning Outcomes (SLOs):

Upon successful completion of the Certificate in Environmental Technician program, students will be able to:
1. Demonstrate professionalism and ethical conduct within disciplines in the environmental field.
2. Demonstrate interdisciplinary knowledge and skills needed to effectively work in the environmental field.
3. Demonstrate proficiency in technical methods and data handling and processing methodology.

General Education Requirements		
Course #	**Course Name**	**Credits**
Choose one		
EN 110	Freshman Composition	3
EN 111	Writing for Research	
Choose one		
MA 110A	Finite Mathematics	3-4
MA 161A	College Algebra & Trigonometry I	
MA 161B	College Algebra & Trigonometry II	
Technical Requirements		
Course #	**Course Name**	**Credits**
SI 101	Introduction to Chemistry	3
SI 101L	Introduction to Chemistry Laboratory	1
SI 105	Introduction to Physical Geology	3
SI 105L	Introduction to Physical Geology Laboratory	1

Biological Sciences (Choose 2 - Lecture and respective Lab for 8 credits total)		
SI 103	Introduction to Marine Biology	3
SI 103L	Introduction to Marine Biology Laboratory	1
SI 110	Environmental Biology	3
SI 110L	Environmental Biology Laboratory	1
SI 150	Introduction to Microbiology	3
SI 150L	Introduction to Microbiology Laboratory	1
Related Technical Requirements		
Course #	**Course Name**	**Credits**
SI 125	Scientific Methods and Data Analysis	3
SI 155	Waste Site Worker Safety HAZWOPER	3
SU 250	Introduction to Geographic Information Systems	3
	Certificate Total	**31-32**