

■ Pre-Environmental Engineering Technology

Associate of Applied Science

Minimum of 70 Credits

The Associate of Applied Science Degree in Pre-Environmental Engineering Technology will provide a student with the first two years of a 4 year program in Environmental, Electrical, or Mechanical Engineering Technology. This degree will allow the student to begin a bachelor's degree in a variety of technical fields by completing the first two years of the Pre-Environmental Engineering Technology program at CMN and then finishing a bachelor's degree at a four-year college or university.

An A.A.S. degree in Pre-Environmental Engineering Technology will promote a student's ability to support a career path in an entry-level technology team role, such as scientist, engineer, technologist, technician, or skilled trades.

CORE REQUIREMENTS		(19 CREDITS)	COMPLETED	GRADE
COM100	*Introduction to Oral Communication	3 cr.	_____	_____
EDU100	Student Success Strategies	3 cr.	_____	_____
EDU295	*Student Portfolio Seminar	1 cr.	_____	_____
ENG100	*Introduction to College English Foundations or	3 cr.	_____	_____
ENG101	*Introduction to College English			
ENG102	*College English and Research	3 cr.	_____	_____
MAT104	*College Algebra Foundations or	3 cr.	_____	_____
MAT106	*College Algebra (or higher level math course)			
SDE100	*Introduction to Sustainable Development	3 cr.	_____	_____
GENERAL EDUCATION REQUIREMENTS		(11-12 CREDITS)		
Natural Science				
CHM101	*Introduction to Chemistry	5 cr.	_____	_____
Social Sciences				
Humanities				
	*American Indian History or Language	3-4 cr.	_____	_____
Fine Arts				
	Elective	3 cr.	_____	_____
EMPHASIS COURSE REQUIREMENTS		(40 CREDITS)		
EGR101	*Introduction to Engineering	3 cr.	_____	_____
MAT120	*Elementary Functions: Algebra and Trigonometry	4 cr.	_____	_____
MAT231	*Calculus and Analytical Geometry I	4 cr.	_____	_____
MAT232	*Calculus and Analytical Geometry II	4 cr.	_____	_____
MAT260	*Introductory Statistics	4 cr.	_____	_____
PHY203	*Physics I	5 cr.	_____	_____
BIO110	Introduction to Human Biology	3 cr.	_____	_____
ENV150	Introduction to Environmental Science	3 cr.	_____	_____
CHM205	*Chemistry I	5 cr.	_____	_____
CHM207	*Chemistry II	5 cr.	_____	_____

PRE-ENVIRONMENTAL ENGINEERING PROGRAM OUTCOMES

Upon completion of this program a student will be able to:

1. Solve engineering problems by applying knowledge, modern instrumentation and techniques, and technical skills;
2. Apply appropriate mathematical, scientific, engineering, and technological practicum and methodology to problems;
3. Conduct, analyze, and interpret standard tests, measurements, and experimental results;
4. Apply appropriate technical literature to written, oral, and graphical communication; and
5. Apply knowledge of the impact of engineering technology solutions in local, regional, national, and global contexts.

Courses that have an asterisk () in front of them have a requisite. Students should refer to the academic catalog and plan accordingly.*