

# Environmental Engineering Technology (EVT)

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Environmental issues affect our health and our communities, as well as the sustainability of future generations and the earth itself.

Environmental concerns directly affect the operations of all types of industries, including parks and forest services, transportation, chemical facilities, defense and energy, construction, and, of course, environmental services.

Graduates of the Environmental Engineering Technology program earn an Associate of Applied Science degree and are prepared to enter positions in a wide range of industries, environmental restoration sites, government agencies, laboratories, consulting firms, and conservation districts.

Most curriculum courses, not including cooperative education courses, meet Ohio Environmental Protection Agency requirements for license renewal (U.S. EPA External Provider).

For more information, please contact the Center for Innovative Technologies at (513) 569-1743.

To apply for this program at Cincinnati State, visit our Admissions Page (<http://www.cincinnati-state.edu/academics/admission>)

## Environmental Engineering Technology (EVT)

Semester 1		Lec	Lab	Credits
EVT 105	Environmental Sampling ( B )	2	3	3
FYE 1XX	First Year Experience Elective ( B )	1	0	1
CHE XXX	Chemistry Elective ( B )	3	3	4
MAT XXX	Mathematics Elective 1 ( G )	4	0	4
ENG 101	English Composition 1 ( G )	3	0	3
EVS 110	Environmental Science: Conservation and Cleanup ( G )	3	2	4
Semester 2				
EVT 170	Water and Wastewater Treatment and Analysis ( T )	3	3	4
EVT 140	Environmental Regulations and Permits ( T )	1	2	2
EVT 160	Solid and Hazardous Waste Management ( T )	2	3	3

MAT XXX	Mathematics Elective 2 ( B )	4	0	4
EVT 150	Environmental Chemistry ( B )	2	3	3
Semester 3				
XXX XXX	Cooperative Education Elective ( T )	1	40	2
Semester 4				
EVT 240	Fluid Mechanics ( T )	3	3	4
EVS 120	Environmental Geology ( T )	3	2	4
EVT 220	Air Pollution Control ( T )	2	3	3
EVT 230	Treatment Technologies ( T )	2	2	3
Semester 5				
EVT 292	Full-Time Cooperative Education 2: Environmental Engineering Technology ( T )	1	40	2
Semester 6				
EVT 155	Site Mapping and GIS ( T )	2	3	3
XXX XXX	Statistics Elective ( T )	1	2	2
ENG 10X	English Composition Elective ( G )	3	0	3
XXX XXX	Arts/ Humanities or Social/ Behavioral Science Elective ( G )	3	0	3
XXX XXX	Technical Elective ( T )	1	2	2
Total Credits:		50	116	66

## Electives

### First Year Experience Elective

FYE 100	College Survival Skills	1
FYE 105	College Success Strategies	2
FYE 110	Community College Experience	3

### Chemistry Elective

CHE 110	Fundamentals of Chemistry	4
CHE 121 & CHE 131	General Chemistry 1 and General Chemistry 1 Lab	5

### Mathematics Electives

Select one the following series:

MAT 125 & MAT 126	Algebra and Trigonometry and Functions and Calculus	
Or		
MAT 151 & MAT 152	College Algebra and Trigonometry	
Or		

MAT 251 & MAT 252	Calculus 1 and Calculus 2	
<b>Cooperative Education Elective</b>		2
Select one of the following:		
CIT 190 & EVT 191	Career Preparation: Engineering and Information Technologies and Part-Time Cooperative Education 1: Environmental Engineering Technology	
EVT 191 & EVT 192	Part-Time Cooperative Education 1: Environmental Engineering Technology and Part-Time Cooperative Education 2: Environmental Engineering Technology	
EVT 291	Full-Time Cooperative Education 1: Environmental Engineering Technology	
<b>Statistics Elective</b>		
EVT 180	Environmental Statistics	2
MAT 131	Statistics 1	3
<b>English Composition Elective</b>		
ENG 102	English Composition 2: Contemporary Issues	3
ENG 103	English Composition 2: Writing about Literature	3
ENG 104	English Composition 2: Technical Communication	3
ENG 105	English Composition 2: Business Communication	3
<b>Arts/Humanities Elective or Social/Behavioral Science Elective</b>		
Any ART, CULT, FRN, LIT, MUS, PHI, REL, SPN, THE or, Any CRJ, ECO, GEO, HST, POL, PSY, SOC		3 3
<b>Technical Elective</b>		
Any CET, CMT, EVS, EVT, LH, or other course approved by Program Chair		2

The letters G, B, and T (displayed after course titles or elective descriptions) identify types of courses required by the Ohio Department of Higher Education as part of an associate's degree curriculum.

G = General Education course in this curriculum

B = Basic Skills course in this curriculum

T = Technical course in this curriculum

## Faculty

### Program Chair

Professor Ann Gunkel, PhD  
ann.gunkel@cincinnatiastate.edu

### Co-op Coordinators

Jennifer Geiger, BS  
jennifer.geiger@cincinnatiastate.edu

James (Doug) Woodruff, MBA  
james.woodruff@cincinnatiastate.edu

### Advisor

Professor Ann Fallon, MS  
ann.fallon@cincinnatiastate.edu