

TRANSFER ARTICULATION AGREEMENT

Cincinnati State Technical & Community College,
Associate of Applied Science, Environmental Engineering Technology
to
University of Cincinnati, College of Engineering & Applied Science,
Bachelor of Science, Environmental Engineering



Originating Institution: Cincinnati State Technical & Community College

Degree/Program: Associate of Applied Science (AAS) / Environmental Engineering Technology (EVT)

Target Institution: University of Cincinnati / College of Engineering & Applied Science

Degree/Program: Bachelor of Science (BS) / Environmental Engineering (ENVE)

Introduction: This agreement details the applicability of courses from the Cincinnati State Technical & Community College AAS in EVT to the BS in ENVE in the College of Engineering & Applied Science. Students who complete the AAS in EVT at Cincinnati State Technical & Community College have partially satisfied the UC General Education requirement.

Articulation Overview: Graduates from Cincinnati State Technical & Community College who have followed the prescribed program and are accepted into the College of Engineering & Applied Science will enter with 49 hours of transfer credit applicable toward the BS in ENVE degree.

Admission Criteria: *Note: completing the courses on the appendices below does not guarantee admission to the UC BS in ENVE program.

Minimum GPA: 2.7

BS Completion: Completion of this program may require more than four semesters to complete due to prerequisite requirements and the order in which required courses must be taken and are offered. UC academic advising staff will work with each transfer student to develop the most expedient pathway to graduation.

Admission Period: Cincinnati State Technical & Community College students must be admitted to the UC College of Engineering & Applied Science during the duration of this agreement (i.e. between May 2023 and May 2027)

Agreement Execution Date: May 2023

Agreement End Date: May 2027

EXECUTION, DURATION AND REVIEW OF AGREEMENT:

This agreement becomes effective upon its signing by the Deans of both Colleges and will remain effective for four years. At the end of this time, the agreement will be reviewed and may be renegotiated. Cincinnati State Technical & Community College and the UC College of Engineering & Applied Science agree to keep one another informed as program changes affecting the agreement occur. The Deans of both Colleges will agree upon any future additions and/or amendments to this document in writing.

This agreement will be reviewed on an annual basis and is subject to change due to revisions in program curriculum.

Cincinnati State Technical & Community College students are encouraged to work closely with their academic advisor to monitor possible changes.

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SEE ATTACHED APPENDICES FOR COURSE EQUIVALENCIES AND SAMPLE TRANSFER DEGREE MAPS.

signed via DocuSign on 3/22/2023

Dr. Doug Bowling
Dean
Engineering & Technologies Division
Cincinnati State Technical & Community College

signed via DocuSign on 4/3/2023

Dr. John Weidner
Dean
College of Engineering & Applied Science
University of Cincinnati

signed via DocuSign on 3/15/2023

Dr. Ann Gunkel
Program Chair
Environmental Engineering Technology
Cincinnati State Technical & Community College

signed via DocuSign on 3/27/2023

Dr. Anastasios Angelopoulos
Department Head
Chemical and Environmental Engineering
College of Engineering & Applied Science
University of Cincinnati

signed via DocuSign on 02/27/2023

Dr. Myshamil Walker
Director, Transfer Center
Cincinnati State Technical & Community College

signed via DocuSign on 3/23/2023

Dr. Margaret Kupferle
Undergraduate Program Director
Environmental Engineering
College of Engineering & Applied Science
University of Cincinnati

Primary Contact Person for this Agreement:

	Cincinnati State Technical & Community College	University of Cincinnati
Name	Myshamil Walker	Andrew Shrigley
Title	Director, Transfer Center	Sr Transfer & Articulation Specialist College Credit Services, Enrollment Management
Email	myshamil.walker@cincinnati-state.edu	credeval@uc.edu
Mailing Address	Cincinnati State Technical & Community College 3520 Central Parkway Cincinnati, Ohio 45223-2690	College Credit Services University Pavilion 120 PO Box 210202 Cincinnati, Ohio 45221-0202

Transfer Degree Map

FROM

Cincinnati State Technical & Community College
**Associate of Applied Science (AAS)
Environmental Engineering Technology
(EVT)**

TO

University of Cincinnati
College of Engineering & Applied Science
**Bachelor of Science (BS)
Environmental Engineering (ENVE)**

This agreement is valid from **May 2023 to May 2027**

Admissions & Deadlines

Transfer Admissions Information: admissions.uc.edu/information/transfer

Admission Criteria:

- Completion of the courses on this worksheet does not guarantee admission to the UC program.
- Students who complete the AAS in EVT at Cincinnati State Technical & Community College have partially satisfied the UC General Education requirement.
- Students must be admitted to the UC College of Engineering & Applied Science during the duration of this agreement.
- Minimum GPA: 2.7

Tuition & Scholarships

General Tuition & Fees: uc.edu/bursar/fees

Scholarships for transfer students: financialaid.uc.edu/sfao/scholars/transfer

Contact Information

UC admissions questions:

Undergraduate Admissions

Web: admissions.uc.edu

Email: transfer@uc.edu

Pre-transfer and transition advising at UC:

Transfer & Transition Advising Center

Web: uc.edu/transferadvising

Email: transfer@uc.edu

Details of this agreement or equivalencies:

Andrew Shrigley, Sr Transfer & Articulation Specialist,
College Credit Services, credeval@uc.edu

More Information

Environmental Engineering majors in the College of Engineering & Applied Science:

<https://ceas.uc.edu/academics/departments/chemical-environmental-engineering/degrees-programs/environmental-engineering-bachelor-of-science.html>

General information about the University of Cincinnati: uc.edu

Curriculum Equivalencies

The following suggested course sequence includes all course requirements for this articulation agreement (e.g. courses required for the Cincinnati State Technical & Community College AAS in EVT and remaining UC courses for the BS in ENVE). You should consult with an academic advisor each semester to ensure you maintain appropriate degree progress and are fulfilling all requirements for the agreement. Course sequencing below assumes a fall start date. If starting the program during any other term, please consult with your academic advisor. For details beyond course planning, please consult with your academic advisor or the Transfer & Transition Advising Center.

SEMESTER 1					
Cincinnati State Technical & Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
EVT 105	Environmental Sampling	3	EVST 1000BLOCK	Environmental Studies 1000 Level Credit <i>(Not used in BS Program)</i>	-
FYE 1XX	First Year Experience Elective	1	FYE BLOCK or MLTI BLOCK	<i>Not used in BS program</i>	-
CHE 121 and CHE 131	General Chemistry I and General Chemistry 1 Lab <i>(Recommended Chemistry Elective)</i>	4 1	CHEM 1040 and CHEM 1040L	General Chemistry I and General Chemistry I Lab	4 1
MAT 251	Calculus 1 <i>(Recommended Math Elective 1)</i>	5	MATH 1061	Calculus I <i>(1 hr not used in BS program)</i>	4 -
ENG 101	English Composition 1	3	ENGL 1001	English Composition	3
EVS 110	Environmental Science: Conservation and Cleanup	4	EVST 1011	Environmental Studies I [SCE] <i>(3 Credit Technical Elective)</i>	3 -

SEMESTER 2					
Cincinnati State Technical & Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
EVT 170	Water and Wastewater Treatment and Analysis	4	ENVE 4010L	Environmental and Radiological Measurements <i>(2 hrs not used in BS program)</i>	2 -
EVT 140	Environmental Regulations and Permits	2	EVST 2022	Environmental Political Policy <i>(Not used in BS Program)</i>	-
EVT 160	Solid and Hazardous Waste Management	3	ENVE 5114	Solid and Hazardous Waste Management	3
MAT 252	Calculus 2 <i>(Recommended Math Elective 2)</i>	5	MATH 1062	Calculus II <i>(1 hr not used in BS program)</i>	4 -

EVT 150	Environmental Chemistry	3	ENVE 5147	Chemical Principles of Environmental Systems <i>(Water Quality Track Elective)</i>	3
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SEMESTER 3 (SUMMER)

Cincinnati State Technical & Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
EVT 191 and EVT 192 or EVT 291	Cooperative Education Elective	2	COOP 1000BLOCK	<i>Replaces COOP 2011</i>	-

SEMESTER 4

Cincinnati State Technical & Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
EVT 240	Fluid Mechanics	4	CHE 3022	Transport I	4
EVS 120	Environmental Geology	4	GEOL 1005	<i>Replaces GEOL 3005 (1 hr not used in BS program)</i>	3 -
EVT 220	Air Pollution Control	3	ENVE 4011	Air Pollution	3
EVT 230	Treatment Technologies	3	ENVE 4000BLOCK	<i>Replaces Water Quality track elective</i>	3

SEMESTER 5

Cincinnati State Technical & Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
EVT 292	Full-Time Cooperative Education 2: Environmental Engineering Technology	2	COOP 3000BLOCK	<i>Replaces COOP 2012</i>	-

SEMESTER 6

Cincinnati State Technical & Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
EVT 155	Site Mapping and GIS	3	GEOG 1000BLOCK	<i>Not used in BS program</i>	-
MAT 131	Statistics 1 <i>Recommended Statistics Elective</i>	3	STAT 1034	<i>Replaces ENED 3066</i>	3

ENG 102 or ENG 103 or ENG 104	English Composition Elective	3	ENGL 2089	<i>Not used in BS program</i>	-
ECO 105	Principles of Microeconomics (<i>Recommended Social/Behavioral Science Elective</i>)	3	ECON 1001	Intro to Microeconomics	3
<i>Recommended Technical Electives</i>					
<i>Complete BOTH</i>					
EVT 185 and EVT 257	Supervisory Management in Env. Fields and Environmental Risk Assessment	2 2	EVST BLOCK	<i>Sustainability Elective (1 hr not used in BS program)</i>	3 -
<i>or complete ONE below</i>					
EVT 235 or EVT 250 or EVT 255	Stormwater Management or Water Collection & Distribution Sys. or Stormwater Control Technologies	3	EVST BLOCK	<i>Replaces ENVE 51XX Hydrosystems Track Elective</i>	3

Total Credits Required for AAS Program:	71-72	Total credits applied to BS ENVE Degree:	49
		Credits remaining for BS ENVE Degree:	81-82
		Total credits required for BS ENVE Degree:	130-131

Remaining Coursework at University of Cincinnati

Course sequencing below assumes a **fall start date**. Some courses are not offered every semester and may present time conflicts if beginning program in a term other than fall. Consult your academic advisor with scheduling needs to ensure you are making appropriate degree progress and fulfilling requirements. For details beyond course planning, please consult with your academic advisor or the Transfer & Transition Advising Center.

SEMESTER 7 (FALL)		
Course ID	Course Title	Cr Hr
ENED 1100	Foundations of Engineering Design Thinking I	3
ENVE 1001	Environmental Engineering First Year Seminar	1
CHEM 1041	General Chemistry II	4
CHEM 1041L	General Chemistry II Lab	1
ENVE 2012C	Engineering Biology	3
ENVE 2015C	Environmental Drawing and Design	2
ENFD 2000C	Grand Challenges in Engineering	2

SEMESTER 8 (SPRING)

Course ID	Course Title	Cr Hr
ENED 1120	Foundations of Engineering Design Thinking II	3
PD 1011	Intro to COOP for CEAS	1
PHYS 2001	College Physics I	4
CHE 2064	Material and Energy Balances	4
MATH 2074	Dynamical Systems	3

SEMESTER 9 (SUMMER)

Course ID	Course Title	Cr Hr
ENGL 4092	Technical Writing	3
ENVE 4010	Water and Wastewater Treatment	3
BoK: DEI	Diversity, Equity, and Inclusion Course	3
BoK: FA, HP, HU	Fine Arts, Historical Perspectives, or Humanities Course	3
BoK: SCE	Society, Culture, and Ethics Course	3

SEMESTER 10 CO-OP (FALL)

Course ID	Course Title	Cr Hr
COOP 3011	COOP for CEAS (Third Semester Experience)	0

SEMESTER 11 (SPRING)

Course ID	Course Title	Cr Hr
CHEM 2040	Organic Chemistry I	4
CHEM 2040L	Organic Chemistry I Lab	1
ENVE 3040	Civil and Environmental Systems Analysis	3
ENVE 4093	Hydraulic Systems	3
PD 2050	Mid-Curricular COOP Community for Engineering	1
GEOG 5171C	Intro to Geographic Information Sciences	3

SEMESTER 12 CO-OP (SUMMER)

Course ID	Course Title	Cr Hr
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COOP 4011	COOP for CEAS (Forth Semester Experience)	0
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SEMESTER 13 (FALL)

Course ID	Course Title	Cr Hr
ENVE 5001	Capstone Design I	2
ENVE 5003	Senior Seminar I	1
ENVE 4062	Kinetics and Reaction Engineering	3
ENVE 4093L	Fluid Mechanics and Hydraulic Systems Lab	2
XXXX	Sustainability Elective or Track Elective (Course selection will be dependent on Cincinnati State Technical Elective Completed in Sem 6)	3
ENVE	ENVE Elective	3

SEMESTER 14 (SPRING)

Course ID	Course Title	Cr Hr
ENVE 5002	Capstone Design II	2
ENVE 5004	Senior Seminar II	1
ENVE or XXXX	ENVE Elective or Technical Elective (Course selection will be dependent on completed Technical Elective Options completed in Semester 6 at Cincinnati State)	3-4