

TRANSFER ARTICULATION AGREEMENT

Cincinnati State Technical & Community College, Associate of Applied Science,
Mechanical Engineering Technology – Design Major
to
University of Cincinnati, College of Engineering & Applied Science,
Bachelor of Science, Mechanical Engineering Technology



Originating Institution: Cincinnati State Technical & Community College

Degree/Program: Associate of Applied Science (AAS) / Mechanical Engineering Technology – Design Major (METD)

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

Degree/Program: Bachelor of Science (BS) / Mechanical Engineering Technology (MET)

Introduction: This agreement details the applicability of courses from the Cincinnati State Technical & Community College AAS METD to the BS MET in the College of Engineering & Applied Science. Students who complete the AAS METD 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 in the third year of the BS MET program.

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

Minimum GPA: 3.0

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 August 2022 and August 2026).

Agreement Execution Date: August 2022

Agreement End Date: August 2026

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.

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

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Mechanical Engineering Technology – Design Major
to
University of Cincinnati, College of Engineering & Applied Science,
Bachelor of Science, Mechanical Engineering Technology



signed via DocuSign on 7/25/2022

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

signed via DocuSign on 8/2/2022

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

signed via DocuSign on 7/25/2022

Dr. Michael DeVore, PhD, PE
Professor & Program Chair
Mechanical Engineering Technology
Cincinnati State Technical & Community College

signed via DocuSign on 8/9/2022

Dr. Jay Kim, PhD.
Professor & Department Head
Department of Mechanical and Materials 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
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Transfer Degree Map

FROM

Cincinnati State Technical & Community College
**Associate of Applied Science
Mechanical Engineering Technology –
Design Major**

TO

University of Cincinnati
College of Engineering & Applied Science
**Bachelor of Science
Mechanical Engineering Technology**

This agreement is valid from **August 2022 to August 2026**

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 METD 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: 3.0

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

Mechanical Engineering Technology majors in the College of Engineering & Applied Science:

<https://ceas.uc.edu/academics/departments/mechanical-materials-engineering/degrees-programs/mechanical-engineering-technology-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 AAS METD and remaining UC courses for the BS MET). 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
MET 100	Introduction to Mechanical Engineering Technology	2	MET 1000BLOCK	<i>Replaces PD 1011</i>	1 -
MET 111	Manufacturing Processes 1	3	MET 2030 and MET 2030L	Manufacturing Processes and Machining & CAM Application Lab	2 1
MET 131	MET Computer Aided Drafting 1	3	MET 1072C P1	Engineering Design Graphics (Part 1)	3
ENG 101	English Composition 1	3	ENGL 1001	English Composition	3
FYE 1XX	First Year Experience Elective	1	MLTI or FYE	<i>Not used in BS Program</i>	-
MAT 251	Calculus 1 (<i>Mathematics Elective 1</i>)	5	MATH 1061	Calculus 1 <i>1 hr replaces PHYS 1051</i>	4 1

SEMESTER 2					
Cincinnati State Technical & Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
MET 132	MET Computer Aided Drafting 2	3	MET 1072C P2	Engineering Design Graphics (Part 2) <i>(2 hrs not used in BS program)</i>	1 -
MET 140	Engineering Materials	3	MET 2032	<i>Replaces MET 2073</i>	3
MET 150	Statics and Strength of Materials for MET	3	ENED 1030	<i>Replaces MET 1071</i>	3
ENG 104	English Composition 2: Technical Comm. (<i>English Composition Elective</i>)	3	ENGL 2089	<i>Replaces ENGL 4092</i>	3
MAT 252	Calculus 2 (<i>Mathematics Elective 2</i>)	5	MATH 1062	<i>Replaces CHEM 1040</i> <i>Replaces PHYS 1052L</i>	4 1

SEMESTER 3 SUMMER

Cincinnati State Technical & Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
MET 291	Full-Time Cooperative Education 1: Mechanical Engineering Technology	2	COOP 2000BLOCK	<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
MET 240	Hydraulics and Pneumatics	3	MET 2000BLOCK	<i>Replaces 1hr each for MET2030, MET2031L, MET2073L</i>	3
MET 250	Machine Design	4	MET 2074	Design of Machine Elements <i>1 hr replaces MET3075</i>	3 1
MET 285	Mechanical Engineering Technology Capstone Project 1	3	MET 2000BLOCK	<i>MET 285 + MET 290 will replace ENED 1100 and ENED 1120</i>	3
PHY 151	Physics 1: Algebra and Trigonometry-Based	4	PHYS 1051 and PHYS 1051L	General Physics 1 <i>(+1 hr from MAT 251)</i> and General Physics 1 Lab	4 1

SEMESTER 5

Cincinnati State Technical & Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
MET 260	Applied Thermodynamics	3	MET 2060	Thermodynamics	3
MET 270	Kinematics	3	MET 3075	Kinematics and Dynamics <i>(+1 hr from MET 250)</i>	4
MET 290	Mechanical Engineering Technology Capstone Project 2	3	MET 2000BLOCK	<i>MET 285 + MET 290 will replace ENED 1100 and ENED 1120</i>	3
EET 101	Electronic Fundamentals 1	3	ELTN 1000BLOCK	<i>Replaces as ELTN 1042</i>	3
ECO 110	Principles of Macroeconomics <i>(Social/Behavioral Science Elective)</i>	3	ECON 1002	Intro to Macroeconomics	3

SEMESTER 6 SUMMER

Cincinnati State Technical & Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
MET 292	Full-Time Cooperative Education 2: Mechanical Engineering Technology	2	COOP 2000BLOCK	<i>Replaces COOP 2012</i>	-

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
STAT 1031	Intro to Statistics	3
PHSY 1052	General Physics II (Algebra Based)	4
MET 3051	Math Applications in MET	3
XXXX	BoK: FA, HP, or HU	3

SEMESTER 8 (SPRING)

Course ID	Course Title	Cr Hr
XXXX	BoK: DEI	3
MET 3050	Logic Control	3
MET 4076	Applied Computational Methods	3
MET 4076L	Applied Computational Methods Laboratory	1
MET 3061	Fluid Mechanics	3
MET 3061L	Thermo/Fluid Mechanics Laboratory	1

SEMESTER 9 COOP (SUMMER)

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

SEMESTER 10 (FALL)

Course ID	Course Title	Cr Hr
MET 4052	Motion Control	2
MET 4052L	Motion Control Laboratory	1
MET 4077	Mechanical Design	3
MET 4077L	Mechanical Design Laboratory	1

PD 2050	Mid-Curricular Co-op Community for Engineering	1
MET 5078	Product Development	2
MET 5078L	Product Development Laboratory	1
XXXX	BoK: SCE	3

SEMESTER 11 COOP (SPRING)

Course ID	Course Title	Cr Hr
COOP 4011	COOP for CEAS (Fourth Semester Experience)	0

SEMESTER 12 COOP (SUMMER)

Course ID	Course Title	Cr Hr
COOP 4012	COOP for CEAS (Fifth Semester Experience)	0

SEMESTER 13 (FALL)

Course ID	Course Title	Cr Hr
MET 5062	Heat Transfer	3
MET 5053	Manufacturing Automation	2
MET 5053L	Manufacturing Automation Laboratory	1
MET 5090	Senior Design I	2
MET 5091	Senior Design II	1
	TECH Elective	3

SEMESTER 14 (SPRING)

Course ID	Course Title	Cr Hr
	TECH Electives	6
MET 5063	Thermal Environmental Systems	2
MET 5063L	Thermal Environmental Systems and Heat Transfer Laboratory	1
MET 5092	Senior Design III	3