TRANSFER ADVISING GUIDE
CINCINNATI STATE TECHNICAL & COMMUNITY COLLEGE

University of CINCINNATI

FROM		TO	
	Associate of Applied Science (AAS) **Chemical Technology**		College of Engineering & Applied Science **Bachelor of Science (BS) + Minor** **Chemical Engineering + Chemistry**

Effective beginning August 2026 (Last revised August 1, 2026)

This Transfer Advising Guide includes the courses publicly listed as meeting the Cincinnati State associate degree requirements and the course equivalency/applicability information for the UC bachelor's degree. Please work with your Cincinnati State advisor to make sure graduation requirements are met, and a UC academic college or Transfer Center advisor to promote as seamless a transfer as possible. This information is subject to change without prior notice.

SEMESTER 1			UNIVERSITY OF CINCINNATI		
Course ID	**Title**	**Cr Hrs**	**Course ID**	**Title / Program Requirement**	**Cr Hrs**
CMT 111	Chemical Technology 1	1	CHTN 1000BLOCK	*Counts toward ENED 1001C*	1
CHE 121+131	General Chemistry 1 + Lab	4 + 1	CHEM 1040+L	General Chemistry I + Lab	4 + 1
ENG 101	English Composition 1	3	ENGL 1001	English Composition	3
MAT 151	College Algebra	4	MATH 1021	*Not Applicable to BS Program*	--
FYE 1XX	First Year Experience Elective	1	FYE/MLTI	*Not Applicable to BS Program*	--
AH/SBS	Arts & Sciences *or* Social & Behavioral Science	3		*Arts & Humanities Elective* *or Social & Behavioral Science Elective*	3

SEMESTER 2			UNIVERSITY OF CINCINNATI		
Course ID	**Title**	**Cr Hrs**	**Course ID**	**Title / Program Requirement**	**Cr Hrs**
CMT 112	Chemical Technology 2	1	CHTN 1000BLOCK	*Counts toward ENED 1021*	1
CHE 111	Bio-Organic Chemistry	4	CHEM 1031+L	*Not Applicable to BS Program*	--
CHE 122+132	General Chemistry 2 + Lab	4 + 1	CHEM 1041+L	General Chemistry II + Lab	4 + 1
MAT 152	Trigonometry	4	MATH 1022	*Not Applicable to BS Program*	--

SEMESTER SUMMER			UNIVERSITY OF CINCINNATI		
Course ID	**Title**	**Cr Hrs**	**Course ID**	**Title / Program Requirement**	**Cr Hrs**
CMT 291	FT COOP 1: Chemical Technology	2	COOP 2000BLOCK	*Replaces COOP 2011*	--

SEMESTER 3			UNIVERSITY OF CINCINNATI		
Course ID	**Title**	**Cr Hrs**	**Course ID**	**Title / Program Requirement**	**Cr Hrs**
CMT 220	Analytical Chemistry	4	CHEM 2050	Analytical Chemistry *(CHEM Minor only)*	3 + --
COMM 110	Public Speaking	3	COMM 1071	*Not Applicable to BS Program*	--
ENG 102, 103, or 104	English Composition Elective	3	ENGL 2089	*Counts for ENGL 4092*	3
MAT 251	Calculus 1 *(Technical Elective 1)*	5	MATH 1061	Calculus I + *Not Applicable to BS Program*	4 + --
PHYS 201	Physics 1 CB *(Science Elective 1)*	5	PHYS 2001+L	College Physics I + *Technical Elective*	4 + 1

SEMESTER 4			UNIVERSITY OF CINCINNATI		
Course ID	**Title**	**Cr Hrs**	**Course ID**	**Title / Program Requirement**	**Cr Hrs**
CMT 230	Chemical Instrumental Analysis	4	CHEM 2000BLOCK	*Not Applicable to BS Program*	--
CMT 285	Chemical Research	1	CHTN 2000BLOCK	*Counts toward ENED 1021*	1
MAT 252	Calculus 2 *(Technical Elective 2)*	5	MATH 1062	Calculus II + *Not Applicable BS Prog*	4 + --
PHYS 202	Physics 2 CB *(Science Elective 2)*	5	PHYS 2002+L	College Physics II + *Technical Elective*	4 + 1
MATH 2073	UC Course taken via Consortium *(Technical Elective 3)*	3	MATH 2073	Differential Equations	3

Cincinnati State Reviewers: Afallon & GArmstrong 06.28.2026

UC Reviewers: AVanFossen, CHEME Dept, & CEAS Curric. 06.31..2026

SEMESTER SUMMER			UNIVERSITY OF CINCINNATI		
Course ID	**Title**	**Cr Hrs**	**Course ID**	**Title / Program Requirement**	**Cr Hrs**
CMT 292	FT COOP 2: Chemical Technology	2	COOP 2000BLOCK	*Replaces COOP 2012*	--
	Total credits for AAS:	**73**		Total transfer credits toward BS at UC:	**46**
				Total remaining credits for BS at UC:	**78**
				Total credits for BS at UC:	**124**

REMAINING UNIVERSITY OF CINCINNATI COURSES

SEMESTER 5 (FALL)

Course ID	Title	Cr Hrs
CHE 2064	Material & Energy Balances	4
CHEM 2040	Organic Chemistry I	4
+ CHEM 2040L	+ Organic Chemistry I Lab	+ 1
CHE 3025	Fluid Mechanics	3
CHE 2001	CHE Undergraduate Seminar	1
PD 1011	Intro to COOP for CEAS	1
CHE 3020	Chemical Engineering Analysis	3

SEMESTER COOP (SPRING)

Course ID	Title	Cr Hrs
COOP 3011	Third Co-Op Experience	0

SEMESTER 6 (SUMMER)

Course ID	Title	Cr Hrs
	Technical Elective	3
AH	Arts & Humanities Elective	3
ENED 1002C	Engineering Design Thinking II	1
ENED 1022	Engineering Applications II	2
CHE 3026	Transport II	4
CHE 3062	Thermodynamics	4

SEMESTER COOP (FALL)

Course ID	Title	Cr Hrs
COOP 4011	Fourth Co-Op Experience	0

SEMESTER 7 (SPRING)

Course ID	Title	Cr Hrs
CHE 4071	Process Dynamics & Controls	3
CHE 4062	Chemical Reaction Engineering	3
CHE 4061	Separation Processes	3
PD 2050	MidCurricular Co-Op Community	1
CHEM 2041	Organic Chemistry II	4
+ CHEM 2041L	+ Organic Chemistry II Lab	+ 1

SEMESTER COOP (SUMMER)

Course ID	Title	Cr Hrs
COOP 4012	Fifth Co-Op Experience	0

SEMESTER 8 (FALL)

Course ID	Title	Cr Hrs
CHE 5045	Process Design I	4
CHE 5037	Chemical Engineering Lab	3
CHEM 3030	Instrumental Analysis	3
SBS	Social & Behavioral Science Elec	3
CHE 5082	Industrial Chemical Processes	3

SEMESTER 10 (SPRING)

Course ID	Title	Cr Hrs
CHE 5046	Process Design II	4
CHEM 3030L	Instrumental Analysis Lab	2
	Technical Elective	1
	Chemical Engineering Elective	3
AH/SBS+CD	Civility & Democracy Elective *(consult advisor)*	3

ADMISSIONS & DEADLINES

- Completion of the courses on this worksheet does not guarantee admission to the College of Engineering & Applied Science
- Students who complete the AS have partially satisfied the UC General Education requirement.
- ***Minimum GPA:*** 2.80 | ***Minimum Math/Science GPA:*** 2.80
- ***Minimum Coursework:*** Earned credit equivalent to MATH 1061 | Earned credit equivalent to CHEM 1040 or PHYS 2001

TUITION & SCHOLARSHIPS

- General Tuition & Fees information can be found at: uc.edu/bursar/fees
- Scholarships for transfer students can be found at: financialaid.uc.edu/sfao/scholars/transfer

MORE INFORMATION

- Further information about the majors in the College of Engineering & Applied Science can be found at: ceas.uc.edu/academics/departments/mechanical-materials-engineering/degrees-programs/chemical-engineering-bachelorof-science.html
- General information about the University of Cincinnati can be found at: uc.edu

READY TO APPLY? visit uc.edu/apply

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

Questions – Contact Us
Transfer Center
transfer@uc.edu

Pre-Transfer Advising:
admissions.uc.edu/information/transfer/admissions-and-advising-appointments

EQUIVALENCY GUIDE
CINCINNATI STATE TECHNICAL & COMMUNITY COLLEGE

University of CINCINNATI

FROM		TO	
	Associate of Applied Science (AAS) **Chemical Technology**		College of Engineering & Applied Science **Bachelor of Science (BS) + Minor** **Chemical Engineering + Chemistry**

Effective beginning August 2026 (Last revised August 1, 2026)

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CINCINNATI STATE			UNIVERSITY OF CINCINNATI		
Course ID	**Title**	**Cr Hrs**	**Course ID**	**Title / Program Requirement**	**Cr Hrs**
ENG 101	English Composition 1	3	ENGL 1001	English Composition	3
ENG 102, 103, or 104	English Composition Elective	3	ENGL 2089	*Counts for ENGL 4092*	3
COMM 110	Public Speaking	3	COMM 1071	*Not Applicable to BS Program*	--
MAT 151	College Algebra	4	MATH 1021	*Not Applicable to BS Program*	--
MAT 152	Trigonometry	4	MATH 1022	*Not Applicable to BS Program*	--
AH/SBS	Arts & Sciences *or* Social & Behavioral Science	3		*Arts & Humanities Elective* *or Social & Behavioral Science Elec*	3
FYE 1XX	First Year Experience Elective	1	FYE/MLTI	*Not Applicable to BS Program*	--
CHE 111	Bio-Organic Chemistry	4	CHEM 1031+L	*Not Applicable to BS Program*	--
CHE 121+131	General Chemistry 1 + Lab	4 + 1	CHEM 1040+L	General Chemistry I + Lab	4 + 1
CHE 122+132	General Chemistry 2 + Lab	4 + 1	CHEM 1041+L	General Chemistry II + Lab	4 + 1
CMT 111	Chemical Technology 1	1	CHTN 1000BLOCK	*Counts toward ENED 1001C*	1
CMT 112	Chemical Technology 2	1	CHTN 1000BLOCK	*Counts toward ENED 1021*	1
CMT 220	Analytical Chemistry	4	CHEM 2050	Analytical Chemistry *(CHEM Minor only)*	(3) + --
CMT 230	Chemical Instrumental Analysis	4	CHEM 2000BLOCK	*Not Applicable to BS Program*	--
CMT 285	Chemical Research	1	CHTN 2000BLOCK	*Counts toward ENED 1021*	1
CMT 291	FT COOP 1: Chemical Technology	2	COOP 2000BLOCK	*Replaces COOP 2011*	--
CMT 292	FT COOP 2: Chemical Technology	2	COOP 2000BLOCK	*Replaces COOP 2012*	--
PHYS 201	Physics 1 CB *(Science Elective 1)*	5	PHYS 2001+L	College Physics I + *Technical Elective*	4 + 1
PHYS 202	Physics 2 CB *(Science Elective 2)*	5	PHYS 2002+L	College Physics II + *Technical Elective*	4 + 1
MAT 251	Calculus 1 *(Technical Elective 1)*	5	MATH 1061	Calculus I + *Not Applicable BS Prog*	4 + --
MAT 252	Calculus 2 *(Technical Elective 2)*	5	MATH 1062	Calculus II + *Not Applicable BS Prog*	4 + --
MATH 2073	UC Course taken via Consortium *(Technical Elective 3)*	3	MATH 2073	Differential Equations	3

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CHE 2064	Material & Energy Balances	4
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CHE 2001	CHE Undergraduate Seminar	1
PD 1011	Intro to COOP for CEAS	1
CHE 3020	Chemical Engineering Analysis	3

SEMESTER COOP (SPRING)		
Course ID	**Title**	**Cr Hrs**
COOP 3011	Third Co-Op Experience	0

SEMESTER 6 (SUMMER)		
Course ID	**Title**	**Cr Hrs**
	Technical Elective	3
AH	Arts & Humanities Elective	3
ENED 1002C	Engineering Design Thinking II	1
ENED 1022	Engineering Applications II	2
CHE 3026	Transport II	4
CHE 3062	Thermodynamics	4

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CHE 4062	Chemical Reaction Engineering	3
CHE 4061	Separation Processes	3
PD 2050	MidCurricular Co-Op Community	1
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CHE 5037	Chemical Engineering Lab	3
CHEM 3030	Instrumental Analysis	3
SBS	Social & Behavioral Science Elec	3
CHE 5082	Industrial Chemical Processes	3

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CHE 5046	Process Design II	4
CHEM 3030L	Instrumental Analysis Lab	2
	Technical Elective	1
	Chemical Engineering Elective	3
AH/SBS+CD	Civility & Democracy Elective *(consult advisor)*	3

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- General information about the University of Cincinnati can be found at: uc.edu

READY TO APPLY? visit uc.edu/apply

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

Questions – Contact Us
Transfer Center
transfer@uc.edu

Pre-Transfer Advising:
admissions.uc.edu/information/transfer/admissions-and-advising-appointments