

Chemical Technology

Engineering & Information Technologies

2026-2027 Curriculum

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
CHE-121	General Chemistry 1		4	0	4
CHE-131	General Chemistry Lab		0	3	1
CMT-111	Chemical Technology 1		0	3	1
ENG-101	English Composition 1		3	0	3
FYE-1XX	First Year Experience Elective		1	0	1
MAT-151	College Algebra		3	2	4
XXX-XXX	Arts/Humanities/Social/Behavioral Science Elective		3	0	3

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Semester 2					
CHE-111	Bio-Organic Chemistry	CHE 110 OR CHE 121 & CHE 131	3	3	4
CHE-122	General Chemistry 2	See Catalog	4	0	4
CHE-132	General Chemistry 2 Lab	See Catalog	0	3	1
CMT-112	Chemical Technology 2	CMT 111	0	3	1
MAT-152	Trigonometry	MAT 151 (min grade C)	3	2	4

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Semester 3					
CMT-291	Full-Time Cooperative Education 1: CMT		1	40	2

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Semester 4					
CMT-220	Analytical Chemistry	CMT 112, CHE 122, & CHE 132	3	3	4
COMM-110	Public Speaking	ENG 101	3	0	3
ENG-10X	English Elective	ENG 101	3	0	3
XXX-XXX	Science Elective 1		3	3	4
XXX-XXX	Technical Elective 1		2	3	3

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Semester 5					
CMT-230	Chemical Instrumental Analysis	CMT 220	3	3	4
CMT-285	Chemical Research	CMT 220	1	0	1
XXX-XXX	Science Elective 2		3	2	4
XXX-XXX	Technical Elective 2		1	2	2
XXX-XXX	Technical Elective 3		1	2	2

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Semester 6					
CMT-292	Full-time Cooperative Education 2: CMT	CMT 291	1	40	2

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Total 65

Arts/Humanities/Social/Behavioral Sciences Electives: Any OT36 approved course from

ART, MUS, THE, or any course from ASL, COMM (except COMM 110), CULT, ECO,

FRN, GEO, HST, LBR, LIT, PHI, POL, PSY, REL, SOC, SPN

English Composition Elective: ENG 102, ENG 103, ENG 104, ENG 105

First Year Experience Elective: FYE 100, FYE 105, FYE 110

Science Electives: Take one of the following series: BIO 131 and BIO 132, or PHY 151 and PHY 152,

or PHY 201 and PHY 202; or two of the following courses: EVS 110, EVS 120, EVS 130

Technical Electives: CHE 201 and CHE 211, or CHE 202 and CHE 212; any EVT; CET, EET, EMET, MET,

PSET, SET; MAT 131, MAT 132, MAT 253, and MAT 251, MAT 252;

any BIO or PHY listed in Science Elective, if not taken as Science Elective