

# Chemical Engineering

## Cincinnati State Technical & Community College

### First- and Second-Year Plan of Study

(Uses MU Course Numbers)

#### First Year

First Semester	Second Semester
ENG111 (3)	ENG112 (3)
CHM141 (3)	CHM142 (3)
CHM144 (2)	CHM145 (2)
MTH151 (5)	MTH251 (4)
EAS101 (1)	EAS102 (3)
Miami Plan Science (3)	

#### Summer Semester

First Semester	Second Semester
PHY181 (4)	
PHY183 (1)	
ECO201 (3)	

#### Second Year

First Semester	Second Semester
CHM241 (3)	CHM242 (3)
CHM244 (2)	ENG313 (3)
PCE219 (3)	PCE204 (3)
MTH252 (4)	PCE/MME313 (3)
PHY182 (4)	PCE/MME314 (3)
PHY184 (1)	

### Miami University/Institution Course Equivalencies

Miami University			Cincinnati State Technical & Community College		
CHM 141/142/144/145	College Chemistry & Lab	3/3/2/2	CHE 2251/2252/2253	Freshman Chemistry 1/2/3	5/5/5
CHM 241/242/244	Organic Chemistry & Lab	3/3/2	CHE 2281/2282/2283/2284/2285/2286	Organic Chemistry & Lab 1/2/3	3/3/3/2/2/2
CHM 332	Outlines of Biochemistry	4	CHE 2233	Fundamentals of Biochemistry	4
ECO 201	Principles of Microeconomics	3	ECO 1512	Microeconomics	3
ENG 111/112	College Composition/Composition & Literature	3	ENG 1001/1002/1003	English Composition 1/2/3	3/3/3
MTH 151/251	Calculus I/II	5/4	MAT 1154/1155/1156	Calculus 1/2/3	5/5/5
PHY 181/182/183/184	The Physical World & Lab	4/4/1/1	PHY 2295/2296/2297/2294	College Physics 1/2/3, Modern Physics	5/5/5/5

Miami Plan Biological Science	TBD	3-4	Please see Miami Plan equivalencies chart	TBD	TBD
Miami Plan Fine Arts	TBD	3	Please see Miami Plan equivalencies chart	TBD	TBD
Miami Plan Humanities	TBD	3	Please see Miami Plan equivalencies chart	TBD	TBD
Miami Plan Global Perspectives	TBD	9	Please see Miami Plan equivalencies chart	TBD	TBD
EAS 101	Computing, Engineering & Society	1	No known equivalent	N/A	N/A
EAS 102	Problem Solving & Design	3	No known equivalent	N/A	N/A
ENG 313	Introduction to Technical Writing	3	No known equivalent	N/A	N/A
MTH 252	Calculus III	4	No known equivalent	N/A	N/A
PCE 204	Materials & Energy Balance	3	No known equivalent	N/A	N/A
PCE 219	Statics & Mechanics of Materials	3	No known equivalent	N/A	N/A
PCE/MME 313	Fluid Mechanics	3	No known equivalent	N/A	N/A
PCE/MME 314	Engineering Thermodynamics I	3	No known equivalent	N/A	N/A