

Pre-Engineering

Center for Innovative Technologies Division
2014-2015 Curriculum

Note: All degree seeking students must complete a First Year Experience (FYE) course as part of the first 12 credit hours taken at Cincinnati State.

Course	Title	Lec	Lab	Credit Hours
Semester 1				
CHE-121	General Chemistry 1	4	0	4
CHE-131	General Chemistry 1 Lab	0	3	1
ENG-101	English Composition	3	0	3
CIT-120	Introductory Mathematics for Engineering Application	4	2	5
XXX-XXX	Arts/Humanities Elective 1	3	0	3
				16
Semester 2				
MAT-251	Calculus 1	5	0	5
ENG-10X	English Composition Elective	3	0	3
PHY-201	Physics 1: Calculus-Based	4	2	5
XXX-XXX	Technical Elective	2	2	3
				16
Semester 3				
COMM-110	Public Speaking	3	0	3
MAT-252	Calculus 2	5	0	5
PHY-202	Physics 2: Calculus-Based	4	2	5
XXX-XXX	Arts/Humanities Elective 2	3	0	3
XXX-XXX	Social Science Elective 1	3	0	3
				19
Semester 4				
CULT-110	Social Issues in Technology	3	0	3
MAT-253	Calculus 3	5	0	5
XXX-XXX	Social Science Elective 2	3	0	3
XXX-XXX	Social Science Elective 3	3	0	3
XXX-XXX	Social Science Elective 4	3	0	3
				17
Total				68

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

Arts/Humanities Elective: Any Transfer Module ART, CULT, FRN, LIT, MUS, PHI, REL, SPN, THE

Social Sciences Elective: Any Transfer Module CRJ, ECO, GEO, HST, LBR, POL, PSY, SOC

Technical Elective: Any BMET, CET, CMT, EET, EMET, EVS, EVT, MET, PSET, SET with

Program Chair approval