

Pre-Engineering

Center for Innovative Technologies Division

2015-2016 Curriculum

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
CIT-120	Introductory Mathematics for Engineering Application	4	2	5
ENG-101	English Composition 1	3	0	3
FYE-1XX	First Year Experience	1	0	1
XXX-XXX	Arts/Humanities Elective 1	3	0	3
				17
Semester 2				
ENG-10X	English Composition Elective	3	0	3
MAT-251	Calculus 1	5	0	5
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
				16
Semester 4				
CIT-130	Engineering Programming with MATLAB	2	3	3
MAT-253	Calculus 3	5	0	5
XXX-XXX	Social Science Elective 1	3	0	3
XXX-XXX	Social Science Elective 2	3	0	3
				14
			Total	63

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

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

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

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

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