ENGINEERING TRANSFER PROGRAM

Academic Plan

Each student should meet with his/her faculty advisor early in the program to develop an individual plan of study since requirements will vary for different professional schools, desired major, and academic preparation. However, the course sequences described below represent a typical plan of study for engineering transfer students planning to major in one of the major engineering branches: civil engineering (CE), chemical engineering (ChE), computer engineering (CpE), industrial engineering (IE), electrical engineering (EE), or mechanical engineering (ME). Students who have a Math ACT of less than 24 must take CHM 111 Foundations of Chemistry before CHM 211 Principles of Chemistry I.

- General Education Course

- Milestone course: a key success marker for your major. See your advisor to discuss the importance of this course in your plan of study.

First Year

First Semester		**Credit Hours**
MTH 229	Calculus/Analytic Geom I (CT)	5
ENG 101	Beginning Composition	3
CHM 211	Principles of Chemistry I	3
CHM 217	Principles of Chem Lab I	2
ENGR 103	Freshman Engineering Seminar	1
ENGR 104	The Engineering Profession	1
	Credit Hours	**15**
Second Semester		
MTH 230	Calculus/Analytic Geom II	4
ENGR 111	Engineering Computations	3
CHM 212	Principles Chemistry II	3
CHM 218	Principles of Chem Lab II	2
ENGR 102	Introduction to CAD	2
Core II Humanities or Core II Social Science		3
	Credit Hours	**17**

Second Year

First Semester		
MTH 231	Calculus/Analytic Geom III	4
ENGR 213	Statics	3
PHY 211	University Physics I	4
PHY 202	General Physics I Laboratory	1
ENGR 201	Circuits I [1]	4
Select one of the following:		3
ENG 201	Advanced Composition	
ENGR 222	Engr Cost Analysis & Economy	
	Credit Hours	**19**
Second Semester		
MTH 335	Ordinary Diff Equations	3
ENGR 214	Dynamics	3
PHY 213	University Physics II	4
PHY 204	General Physics 2 Laboratory	1
ENGR 222 or ENGR 219	Engr Cost Analysis & Economy or Engineering Thermodynamics	3
ENGR 216 or EE 202	Mech of Deformable Bodies or Circuits II	3
	Credit Hours	**17**
	Total Credit Hours	**68**