Industrial Engineering 2-year Transfer Plan

FRESHMAN YEAR

First Semester (Fall)

	Course	SCH
MATH 2413	Calculus I	4
CHEM 1311	General Chemistry	3
CHEM 1111	Chemistry I Laboratory	1
ENGR 1201	Introduction to Engineering	2
XXXX ####	Texas Core Curriculum Requirement	3
XXXX ####	Texas Core Curriculum Requirement	3
	Semester Credit Hours	**16**

Second Semester (Spring)

	Course	SCH
MATH 2414	Calculus II	4
PHYS 2325	University Physics I	3
PHYS 2125	University Physics I Laboratory	1
ENGR 1304	Engineering Graphics	3
XXXX ####	Texas Core Curriculum Requirement	3
XXXX ####	Texas Core Curriculum Requirement	3
	Semester Credit Hours	**17**

SOPHOMORE YEAR

First Semester (Fall)

	Course	SCH
MATH 2415	Multi-Variable Calculus (Calculus III)	4
PHYS 2326	University Physics II	3
PHYS 2126	University Physics II Laboratory	1
ENGR 2301	Engineering Mechanics: Statics	3
ENGR 2304	Programming for Engineers	3
or COSC 1436/1336	Programming Fundamentals	
ECON 2301 or 2302	Micro or Macroeconomics	3
	Semester Credit Hours	**17**

Second Semester (Spring)

	Course	SCH
MATH 2320	Differential Equations	3
ENGR 2305	Electrical Circuits I	3
ENGR 2105	Electrical Circuits I Laboratory	1
ENGR 2308	Engineering Economics	3
XXXX ####	Texas Core Curriculum Requirement	3
XXXX ####	Texas Core Curriculum Requirement	3
	Semester Credit Hours	**16**

Notes:

1. Texas Common Course Numbers are used for all TCCN-numbered courses.

2. Some industrial engineering programs require Chemistry II in addition to Chemistry I. The student is advised to check with the school to which he or she intends to transfer for specific requirements.

3. Some industrial engineering programs will accept the course ENGR 1201 for transfer credit and as applicable to the engineering major, while others will accept the course for transfer credit only. The student is advised to check with the school to which he or she intends to transfer for specific applicability of this course to the engineering major.

4. Industrial engineering programs will accept the course COSC 1436/1336 in place of ENGR 2304.

This diagram shows the recommended course of study for university transfer to bachelor's degree programs in Industrial Engineering.
Tuning Texas, May 2011