CIVIL ENGINEERING TRANSFER PLAN

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
ENGR 1307	Plane Surveying	3
ENGR 2301	Engineering Mechanics: Statics	3
ENGR 2304	Programming for Engineers	3
or COSC 1436/1336	Programming Fundamentals	3
XXXX ####	Texas Core Curriculum Requirement	3
	Semester Credit Hours	**16**

Second Semester (Spring)

	Course	SCH
MATH 2320	Differential Equations	3
PHYS 2326/2126	University Physics II/Physics II Lab	4
or ENGR 2305/2105	Electrical Circuits I/Circuits I Lab	
ENGR 2302	Engineering Mechanics: Dynamics	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 civil 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. Either Physics II or Electrical Circuits I may be required. 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. Some civil 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.

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