

Civil 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
ENGR 1307 Plane Surveying	3
ENGR 2301 Engineering Mechanics: Statics	3
ENGR 2304 Programming for Engineers	3
<i>or</i> COSC 1436/1336 Programming Fundamentals	
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
<i>or</i> 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.

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