CONSTRUCTION ENGINEERING TECHNOLOGY

Sample Four-Year Schedule
Required prerequisite(s) indicated in parentheses & notes
Must earn at least a grade of "C" in each course except for most University Core courses.

FRESHMAN YEAR

FALL		SPRING	
MATH 1710, Calculus I (see note 1)	4	MATH 1720, Calculus II (MATH 1710)	3
CHEM 1410 or 1415, Chemistry (see note 2)	3	PHYS 1710, Mechanics (MATH 1710)	3
CHEM 1430 or 1435, Chemistry Lab (see note 2)	1	PHYS 1730, Mechanics Lab (MATH 1710)	1
CNET 1160, Const. Methods & Materials	3	CNET 2180, Const. Methods & Surveying (CNET 1160)	4
ENGR 1030, Technological Systems	3	TECM 2700, Technical Writing (Communication Core)	3
Communication Core course	3	University Core course	3
Total Hours	17	Total Hours	17

SOPHOMORE YEAR

FALL		SPRING	
PHYS 2220, E. & M. (MATH 1720, PHYS 1710, 1730)	3	ACCT 2010, Accounting Principles I (ECON 1100)	3
PHYS 2240, E. & M. Lab (MATH 1720, PHYS 1710, 1730)	1	BCIS 3610, Basic Information Systems	3
CNET 2300, Construction Graphics and Modeling	3	ENGR 2332, Mechanics of Materials (ENGR 2301)	4
ENGR 2301, Statics (MATH 1710, PHYS 1710, 1730)	3	OPSM 3830, Operations Management	3
ECON 1100, Microeconomics	3	University Core course	3
University Core course	3	Total	16
Total Hours	16		

JUNIOR YEAR

FALL		SPRING	
CNET 3150, Const. Contract Doc. (CNET 2180)	3	CNET 3190, Const. Scheduling (CNET 3160)	3
CNET 3160, Const. Cost Estimating (CNET 2180)	3	CNET 3440, Steel Structures (CNET 3430)	3
CNET 3430, Structural Analysis (ENGR 2332)	3	CNET 3460, Soils & Foundations (CNET 2180, ENGR 2332)	3
BLAW 3430, Legal & Ethical Env. (PSCI 2306, PSCI 2305)	3	CNET 3410, Occupational Safety & Liability	3
University Core course	3	University Core course	3
Total Hours	15	Total Hours	15

SENIOR YEAR

FALL		SPRING	
CNET 3480, Structural Design (CNET 2180, CNET 3430)	3	CNET 4180, Problems in Project Mgmt. (CNET 4170)	3
CNET 4170, Const. Management (CNET 3160)	3	CNET 4620, Adv. Design (CNET 3430)	3
CNET 4780, Senior Design I (see note 3)	1	CNET 4790, Senior Design II (CNET 4780)	3
BLAW 4770, Real Estate Law & Contracts	3	Technical elective course	3
University Core course	3	Misc. elective needed to reach 121 hours (if needed)	3
Total hours	13	Total Hours	15

Notes:

Note 1: MATH 1710 requires one of the following as prerequisite: completion of MATH 1650 with a grade of "C" or higher; or Freshman Math Group Level 3; or approval authorized by score via mathematics testing; or earned credit for a math course at or above the MATH 1710 level.

Note 2: CHEM 1410 & 1430 requires MATH 1100, College Algebra (or higher) as prerequisite. CHEM 1415 & 1435 requires MATH 1650, Pre-Calculus (or higher) as prerequisite.

Note 3: CNET 4780 requires senior classification & completion of CNET 3190, CNET 3440, and CNET 3460 as prerequisite.

Must earn at least a grade of "C" and a minimum 2.5 GPA in Communication Core, ENGR 1030, MATH 1710, PHYS 1710, CNET 1160, CNET 2180, & CNET 2300 as foundations to enroll in advanced courses.

This is an unofficial sample schedule. Requirements, prerequisites, etc. may change. Students should meet with an advisor each semester for individual scheduling, program decisions, etc. Engineering admissions requirements must be met & a degree audit must be created in order to progress in the program to a timely graduation.