

CONSTRUCTION ENGINEERING TECHNOLOGY

Sample Four-Year Schedule

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 | ENGR 1060, Comm. & Ethics (English Composition) | 3 |
| Communication Core course | <u>3</u> | TECM 2700, Technical Writing (Communication Core) | <u>3</u> |
| 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, Arch. Drawing (CNET 1160) | 2 | ENGR 2332, Mechanics of Materials (ENGR 2301) | 4 |
| ENGR 2301, Statics (MATH 1710, PHYS 1710, 1730) | 3 | MGMT 3830, Operations Management | 3 |
| ECON 1100, Microeconomics | 3 | University Core course | <u>3</u> |
| University Core course | <u>3</u> | Total | 16 |
| Total Hours | 15 | | |

JUNIOR YEAR

| FALL | | SPRING | |
|---|----------|--|----------|
| CNET 3150, Const. Contract Doc. (CNET 2180) | 2 | CNET 3190, Const. Scheduling (CNET 3160) | 3 |
| CNET 3160, Const. Cost Estimating (CNET 1160, 2300) | 3 | CNET 3440, Steel Structures (CNET 3430) | 3 |
| CNET 3410, Occupational Safety & Liability | 3 | CNET 3460, Soils & Foundations (CNET 2180, ENGR 2332) | 3 |
| CNET 3430, Structural Analysis (ENGR 2332) | 3 | BLAW 3430, Legal & Ethical Env. (PSCI 1040, PSCI 1050) | 3 |
| University Core course | <u>3</u> | University Core course | <u>3</u> |
| Total Hours | 14 | 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 3440) | 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 | University Core course | 3 |
| University Core course | 3 | Technical elective course (see note 4) | <u>3</u> |
| Technical elective course (see note 4) | <u>2</u> | Total Hours | 15 |
| Total Hours | 15 | | |

Required prerequisite(s) indicated in parentheses.

Note 1: MATH 1710 requires one of the following as prerequisite: completion of MATH 1650, Pre-Calculus with a grade of "C" or higher; or Freshman Math Group Level 3; or approval authorized by score on the Mathematics Department Math Placement Test; 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.

Note 4: Must complete 5 hours of technical elective credit. Completion of MATH 1650, Pre-Calculus as prerequisites for MATH 1710 will count toward technical elective hours. Please meet with an advisor to discuss electives.

Must earn at least a grade of "C" in each course above except for most University Core courses.

Must earn at least a 2.5 GPA in Engineering Foundations 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.