### Engineering Technology—Civil Engineering Concentration
**Architectural Design Technology Option**

<table>
<thead>
<tr>
<th>SEMESTER</th>
<th>CREDIT HOUR</th>
<th>TERM COMPLETED</th>
<th>GRADE</th>
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<tbody>
<tr>
<td><strong>Semester I (Fall)</strong></td>
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<tr>
<td>CET 1010  Construction Methods</td>
<td>4</td>
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<tr>
<td>CET 1100  Fundamentals of Architectural Drawing W/Lab</td>
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<tr>
<td>ENGL 1010  English Composition I</td>
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<tr>
<td>ENGT 1010  Engineering Technology Technical Communication</td>
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| MATH 1720  Precalculus Trigonometry  
(Enrollment in MATH 1720 requires completion of MATH 1030 or appropriate placement test scores and MATH 1710) | 3           |                |       |
| **Semester II (Spring)** |             |                |       |
| CET 1022  Construction Materials W/Lab | 4           |                |       |
| CET 1310  Architectural Drawing With AutoCAD W/Lab | 4           |                |       |
| CET 2012  Cost Estimating W/Lab | 4           |                |       |
| SBS *  Social/Behavioral Sciences Elective | 3           |                |       |
| **Semester III (Fall)** |             |                |       |
| CET 2310  Mechanical Systems I W/Lab | 4           |                |       |
| CET 2550  Advanced AutoCAD W/Lab | 4           |                |       |
| ENGT 2021  Project Scheduling W/Lab | 3           |                |       |
| HUM/FA *  Humanities/Fine Arts Elective | 3           |                |       |
| **Semester IV (Spring)** |             |                |       |
| CET 2560  Architectural 3D Modeling W/Lab | 4           |                |       |
| ENGT 2995  Engineering Technology Capstone | 3           |                |       |
| PHYS 2010  Noncalculus Based Physics I | 4           |                |       |
| SURV 1550  Surveying Principles W/Lab | 4           |                |       |
| **Total Credit Hours Needed for Degree:** | **60**       |                |       |

SBS/HUM/FA*  See the list of General Education electives below.
# 2013-2014 General Education Electives by Category

## Communication
- ENGL 1010 - English Composition I  
- ENGL 1020 - English Composition II  
- SPCH 2100 - Public Speaking

## History
- HIST 1010 - Western Civilization I  
- HIST 1020 - Western Civilization II  
- HIST 1110 - World Civilization I  
- HIST 1120 - World Civilization II  
- HIST 2010 - U.S. History I  
- HIST 2020 - U.S. History II

## Humanities/Fine Arts
- ARTH 2010 - Survey of Art History I  
- ARTH 2020 - Survey of Art History II  
- ENGL 2110 - Early American Literature  
- ENGL 2120 - Modern American Literature  
- ENGL 2210 - British Literature: 650-1784  
- ENGL 2220 - British Literature: 1785-Present  
- ENGL 2310 - World Literature: 2500 BCE-1650  
- ENGL 2320 - World Literature: 1650-Present  
- ENGL 2331 - African-American Literature  
- ENGL 2510 - Introduction to Poetry  
- ENGL 2520 - Introduction to Drama  
- ENGL 2530 - Introduction to Fiction  
- HUM 2810 - Introduction to Film Studies  
- MUS 1030 - Music Appreciation  
- PHIL 1030 - Introduction to Philosophy  
- PHIL 1500 - Philosophy & Film  
- PHIL 2010 - Survey of World Religions  
- PHIL 2400 - Introduction to Ethics  
- PHO 1200 - History of Photography  
- THEA 1030 - Introduction to Theatre

## Mathematics
- MATH 1010 - Survey of Mathematics  
- MATH 1130 - College Algebra  
- MATH 1530 - Elementary Probability & Statistics  
- MATH 1630 - Finite Mathematics  
- MATH 1710 - Precalculus Algebra  
- MATH 1720 - Precalculus Trigonometry  
- MATH 1730 - Precalculus  
- MATH 1830 - Basic Calculus & Modeling  
- MATH 1910 - Calculus I

## Natural Sciences
- BIOL 1110 - General Biology I  
- BIOL 1120 - General Biology II  
- BIOL 1310 - Concepts of Biology  
- BIOL 2010 - Human Anatomy & Physiology I  
- BIOL 2020 - Human Anatomy & Physiology II  
- BOT 1010 - Fundamentals of Botany I  
- BOT 1020 - Fundamentals of Botany II  
- CHEM 1010 - Principles of Chemistry  
- CHEM 1020 - Basic Organic & Biochemistry  
- CHEM 1110 - General Chemistry I  
- CHEM 1120 - General Chemistry II  
- CHEM 1310 - Concepts of Chemistry  
- GEOL 1040 - Physical Geology  
- GEOL 1050 - Historical Geology  
- GEOL 1300 - The Environment W/Lab  
- GEOL 1310 - Concepts of Earth Science  
- PHYS 1300 - Concepts of Physics  
- PHYS 2010 - Noncalculus Based Physics I  
- PHYS 2020 - Noncalculus Based Physics II  
- PHYS 2110 - Calculus Based Physics I  
- PHYS 2120 - Calculus Based Physics II

## Social/Behavioral Sciences
- ANT 1300 - Cultural Anthropology  
- ECON 2010 - Macroeconomics  
- ECON 2020 - Microeconomics  
- GEOG 1000 - Introduction to Geography  
- HIST 2040 - African-American Studies  
- PHED 1100 - Concepts of Wellness  
- POLS 1020 - Introduction to Political Science  
- POLS 1030 - American Government  
- PSYC 1030 - General Psychology  
- PSYC 2100 - Psychology of Human Development  
- PSYC 2130 - Lifespan Psychology  
- SOCI 1010 - Introduction to Sociology  
- SOCI 1020 - Social Problems  
- WMN 2200 - Women in Society

♦ This is a General Education course transferable within the Tennessee Board of Regents system.

★ This course is directly equivalent to a course at the University of Tennessee, Knoxville.