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

<table>
<thead>
<tr>
<th>SEMESTER</th>
<th>CREDIT HOURS</th>
<th>TERM COMPLETED</th>
<th>GRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester I (Fall)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CET 1010  Construction Methods</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 1010  English Composition I</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGT 1010  Engineering Technology Technical Communication</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ET(^1) Engineering Technology Guided Elective</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 1720(^2) Precalculus Trigonometry</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Semester II (Spring)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CET 1022  Construction Materials W/Lab</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CET 1310  Architectural Drawing With AutoCAD W/Lab</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CET 2012  Cost Estimating W/Lab</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SBS(^3) Social/Behavioral Sciences Elective</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Semester III (Fall)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CET 2310  Mechanical Systems I W/Lab</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CET 2550  Advanced AutoCAD W/Lab</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGT 2021  Project Scheduling W/Lab</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HUM/FA(^4) Humanities/Fine Arts Elective</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Semester IV (Spring)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CET 2560  Architectural 3D Modeling W/Lab</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGT 2995  Engineering Technology Capstone</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYS 2010(^4) Noncalculus Based Physics I</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SURV 1550  Surveying Principles W/Lab</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Credit Hours Needed for Graduation:</strong></td>
<td><strong>60</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

\(^1\)ET
Elective to be chosen from CET 1100 or MET 1100. CET and EET majors are encouraged to take CET 1100. Students should see their advisor to determine course selection.

\(^2\)MATH 1720
Enrollment in MATH 1720 requires completion of MATH 1030 (or appropriate placement test scores) and MATH 1710.

\(^3\)SBS/HUM/FA
See the list of General Education electives below.

\(^4\)PHYS 2010
Students not transferring to a 4-year institution may complete ENGT 1200. Students transferring to a 4-year institution must complete PHYS 2010 to meet transfer requirements.
2014-2015 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 ♦ ★
- ENGL 2810 - Introduction to Film Studies ♦ ★
- ENGL 2810 will fulfill a humanities elective but not the literature elective.
- 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 ★
- PHIL 1030 - 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.