# CONSTRUCTION ENGINEERING TECHNOLOGY: HEAVY, BSET

**Requirements for Students Matriculating in or before Academic Year 2018-2019.** Learn more about University Academic Regulation 3.1 (http://catalog.okstate.edu/university-academic-regulations/#matriculation).

**Minimum Overall Grade Point Average:** 2.00  
**Total Hours:** 124

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Education Requirements</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All General Education coursework requirements are satisfied upon completion of this degree plan</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>English Composition</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>See Academic Regulation 3.5 (<a href="http://catalog.okstate.edu/university-academic-regulations/#english-composition">http://catalog.okstate.edu/university-academic-regulations/#english-composition</a>)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 1113</td>
<td>Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1213</td>
<td>Composition II</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 3323</td>
<td>Technical Writing</td>
<td>3</td>
</tr>
<tr>
<td><strong>American History &amp; Government</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select one of the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST 1103</td>
<td>Survey of American History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 1483</td>
<td>American History to 1865</td>
<td>3</td>
</tr>
<tr>
<td>HIST 1493</td>
<td>American History Since 1865</td>
<td>3</td>
</tr>
<tr>
<td>POLS 1113</td>
<td>American Government</td>
<td>3</td>
</tr>
<tr>
<td><strong>Analytical &amp; Quantitative Thought (A)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 2123</td>
<td>Calculus for Technology Programs I (A)</td>
<td>3</td>
</tr>
<tr>
<td>MATH 2133</td>
<td>Calculus for Technology Programs II (A)</td>
<td>3</td>
</tr>
<tr>
<td><strong>Humanities (H)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Courses designated (H)</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td><strong>Natural Sciences (N)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Must include one Laboratory Science (L) course.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYS 1114</td>
<td>College Physics I (LN)</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 1214</td>
<td>College Physics II (LN)</td>
<td>4</td>
</tr>
<tr>
<td>Select 4 hours of Natural Science with N and L designations</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td><strong>Social &amp; Behavioral Sciences (S)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Courses designated (S)</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td><strong>Hours Subtotal</strong></td>
<td></td>
<td>45</td>
</tr>
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**Diversity (D) & International Dimension (I)**  
May be completed in any part of the degree plan.  
Select at least one Diversity (D) course  
Select at least one International Dimension (I) course

**College/Departmental Requirements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMT 1213</td>
<td>Introduction to Construction</td>
<td>3</td>
</tr>
<tr>
<td>CMT 2253</td>
<td>Printreading &amp; BIM</td>
<td>3</td>
</tr>
<tr>
<td>CMT 2263</td>
<td>Estimating I</td>
<td>3</td>
</tr>
<tr>
<td>CMT 2352</td>
<td>Concrete Technology</td>
<td>2</td>
</tr>
<tr>
<td>CMT 2351</td>
<td>Concrete Technology Lab</td>
<td>1</td>
</tr>
<tr>
<td><strong>Related Specialty</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACCT 2103</td>
<td>Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>EET 1003</td>
<td>Introduction to Microcomputer Programming</td>
<td>3</td>
</tr>
<tr>
<td>GENT 2323</td>
<td>Statics</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Hours:</strong></td>
<td></td>
<td>52</td>
</tr>
</tbody>
</table>

**Electives**
Select 6 hours of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 3134</td>
<td>Architectural Science I: Thermal Systems and Life Safety</td>
<td>3</td>
</tr>
<tr>
<td>BCOM 3223</td>
<td>Oral Communication</td>
<td>3</td>
</tr>
<tr>
<td>CIVE 3633</td>
<td>Transportation Engineering</td>
<td>3</td>
</tr>
<tr>
<td>CIVE 5133</td>
<td>Construction Contracts and Specifications</td>
<td>3</td>
</tr>
<tr>
<td>CIVE 5153</td>
<td>Contract Administration</td>
<td>3</td>
</tr>
<tr>
<td>CIVE 5653</td>
<td>Asphalt Materials and Mix Design</td>
<td>3</td>
</tr>
<tr>
<td>CMT 3463</td>
<td>Environmental Building Systems</td>
<td>3</td>
</tr>
<tr>
<td>CMT 3633</td>
<td>CAD and BIM for Construction Managers</td>
<td>3</td>
</tr>
<tr>
<td>CMT 4050</td>
<td>Advanced Construction Management Problems</td>
<td>3</td>
</tr>
<tr>
<td>CMT 4273</td>
<td>Technology in Construction</td>
<td>3</td>
</tr>
<tr>
<td>ECON 3023</td>
<td>Managerial Economics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 3513</td>
<td>Labor Economics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 3613</td>
<td>International Economic Relations (S)</td>
<td>3</td>
</tr>
<tr>
<td>EEE 3023</td>
<td>Introduction to Entrepreneurial Thinking and Behavior</td>
<td>3</td>
</tr>
<tr>
<td>EEE 4223</td>
<td>Entrepreneurial Marketing</td>
<td>3</td>
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</tbody>
</table>
EXISTING COURSES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>EEE 4533</td>
<td>Growing Small and Family Ventures</td>
</tr>
<tr>
<td>EEE 4703</td>
<td>Project Management for Entrepreneurship</td>
</tr>
<tr>
<td>FIN 3113</td>
<td>Finance</td>
</tr>
<tr>
<td>LSB 3213</td>
<td>Legal and Regulatory Environment of Business</td>
</tr>
<tr>
<td>MGMT 3013</td>
<td>Fundamentals of Management (S)</td>
</tr>
<tr>
<td>MGMT 3313</td>
<td>Human Resource Management</td>
</tr>
<tr>
<td>MGMT 4123</td>
<td>Labor Management Relations</td>
</tr>
<tr>
<td>MKTG 3213</td>
<td>Marketing (S)</td>
</tr>
<tr>
<td>MKTG 3433</td>
<td>Promotional Strategy</td>
</tr>
<tr>
<td>MKTG 3513</td>
<td>Sales Management</td>
</tr>
<tr>
<td>PHIL 3803</td>
<td>Business Ethics (H)</td>
</tr>
<tr>
<td>PHIL 3823</td>
<td>Engineering Ethics</td>
</tr>
<tr>
<td>SPCH 3703</td>
<td>Small Group Communication</td>
</tr>
<tr>
<td>SPCH 3723</td>
<td>Business and Professional Communication</td>
</tr>
</tbody>
</table>

**Hours Subtotal**: 6

**Total Hours**: 124

1. Complete all courses prior to admission to Upper Division (these courses are also listed on the Calculation Work Sheet of the CET Application to Upper Division form.

2. Achieve a grade of “C” or better.

**Other Requirements**

**Admission to Upper Division (required)**

1. Refer to the OSU Catalog corresponding to your matriculation date and the Policy for Admission to the Upper Division of the Curriculum for CET for detailed admissions requirements.
2. Complete a minimum of 60 credit hours (from the degree plan) prior to admission to Upper Division.
3. Achieve a minimum Selection GPA (SGPA) of 3.05 (from the Calculation Work Sheet of the CET Application to Upper Division form).

**Graduation Requirements**

1. A minimum overall GPA of 2.30 is required in all courses with engineering and engineering technology prefixes.
2. A grade of ‘C’ or better is required in each course that is a prerequisite to a required course that has an engineering or engineering technology prefix.
3. Each student is required to sit for the American Institute of Constructors Level 1 – Associate Constructors Certification Exam.

**Additional State/OSU Requirements**

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence, 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2024.