

# CONSTRUCTION ENGINEERING TECHNOLOGY: BUILDING, 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**

Code	Title	Hours
<b>General Education Requirements</b>		
All General Education coursework requirements are satisfied upon completion of this degree plan		
<i>English Composition</i>		
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> )		
ENGL 1113	Composition I <sup>1</sup>	3
or ENGL 1313	Critical Analysis and Writing I	
ENGL 1213	Composition II	3
or ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing <sup>1</sup>	3
<i>American History &amp; Government</i>		
Select one of the following:		
HIST 1103	Survey of American History	
HIST 1483	American History to 1865	
HIST 1493	American History Since 1865	
POLS 1113	American Government	3
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2123	Calculus for Technology Programs I (A) <sup>1,2</sup>	3
MATH 2133	Calculus for Technology Programs II (A) <sup>1</sup>	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
PHYS 1114	College Physics I (LN) <sup>2</sup>	4
PHYS 1214	College Physics II (LN) <sup>2</sup>	4
Select 4 hours of Natural Science with N and L designations		4
<i>Social &amp; Behavioral Sciences (S)</i>		
Courses designated (S)		6
<b>Hours Subtotal</b>		<b>45</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
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		
<b>College/Departmental Requirements</b>		
<i>Specialty</i>		
CMT 1213	Introduction to Construction <sup>1,2</sup>	3
CMT 2253	Printreading & BIM <sup>1,2</sup>	3
CMT 2263	Estimating I <sup>1,2</sup>	3

CMT 2352	Concrete Technology <sup>1,2</sup>	2
CMT 2351	Concrete Technology Lab <sup>1,2</sup>	1
<i>Related Specialty</i>		
ACCT 2103	Financial Accounting <sup>1,2</sup>	3
EET 1003	Introduction to Microcomputer Programming <sup>1</sup>	3
GENT 2323	Statics <sup>1,2</sup>	3
<b>Hours Subtotal</b>		<b>21</b>
<b>Major Requirements</b>		
<i>Communications</i>		
SPCH 2713	Introduction to Speech Communication (S) <sup>1</sup>	3
<i>Specialty</i>		
CMT 3273	Scheduling Construction Projects <sup>2</sup>	3
CMT 3322	Construction Practicum I <sup>2</sup>	2
CMT 3332	Construction Practicum II <sup>2</sup>	2
CMT 3364	Structures I <sup>2</sup>	4
CMT 3433	Principles of Site Development	3
CMT 3463	Environmental Building Systems	3
CMT 3554	Structures II	4
CMT 4263	Estimating II <sup>2</sup>	3
CMT 4273	Technology in Construction	3
CMT 4283	Business Practices for Construction <sup>2</sup>	3
CMT 4293	Construction Manager Concepts	3
CMT 4443	Construction Safety and Loss Control	3
CMT 4563	Construction Law and Insurance <sup>2</sup>	3
<i>Related Specialty</i>		
CIVE 3614	Engineering Surveying <sup>2</sup>	4
CMT 3323	Strength of Materials for Construction Managers <sup>2</sup>	3
or GENT 3323	Strength of Materials	
IEM 3513	Economic Decision Analysis	3
<b>Hours Subtotal</b>		<b>52</b>
<b>Electives</b>		
Select 6 hours of the following:		6
ARCH 3134	Architectural Science I: Thermal Systems and Life Safety	
BCOM 3223	Oral Communication	
CIVE 3633	Transportation Engineering	
CIVE 5133	Construction Contracts and Specifications	
CIVE 5153	Contract Administration	
CIVE 5653	Asphalt Materials and Mix Design	
CMT 3633	CAD and BIM for Construction Managers	
CMT 4333	Equipment Management for Constructors	
CMT 4533	Heavy Civil Construction and Estimating	
CMT 4050	Advanced Construction Management Problems	
ECON 3023	Managerial Economics	
ECON 3513	Labor Economics	
ECON 3613	International Economic Relations (S)	
EEE 3023	Introduction to Entrepreneurial Thinking and Behavior	
EEE 4223	Entrepreneurial Marketing	

EEE 4533	Growing Small and Family Ventures
EEE 4703	Project Management for Entrepreneurship
FIN 3113	Finance
LSB 3213	Legal and Regulatory Environment of Business
MGMT 3013	Fundamentals of Management (S)
MGMT 3313	Human Resource Management
MGMT 4123	Labor Management Relations
MKTG 3213	Marketing (S)
MKTG 3433	Promotional Strategy
MKTG 3513	Sales Management
PHIL 3803	Business Ethics (H)
PHIL 3823	Engineering Ethics
SPCH 3703	Small Group Communication
SPCH 3723	Business and Professional Communication
<b>Hours Subtotal</b>	<b>6</b>
Total Hours	124

<sup>1</sup> Complete all required 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*.)

<sup>2</sup> 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.