



COLLEGE OF
ENGINEERING, ARCHITECTURE
AND TECHNOLOGY

CET CONSTRUCTION ENGINEERING TECHNOLOGY



WHAT IS CONSTRUCTION ENGINEERING TECHNOLOGY?

The construction engineering technology program is designed to help students solve problems in the construction industry related to managing the construction process, executing designs of architects and engineers, estimating, scheduling and coordinating projects.

WHY CONSTRUCTION ENGINEERING TECHNOLOGY AT OSU?

The primary goal of the construction engineering technology program is to train the next generation of construction engineers in the state of Oklahoma, the region and the world. Through the CET program at Oklahoma State University, students receive instruction from faculty with industry experience, partake in hands-on learning, and obtain a wide variety of internships in the construction industry.

HIGHLIGHTS

- Two CET degree options
 - Building (vertical focus)
 - Heavy/Highway (horizontal focus)
- Approachable and excited faculty with industry experience
- 100% job placement
- Camaraderie among peers, faculty and staff

CAREER INDUSTRIES & FOCUS AREAS

OPTIONS

- **Building** – Students with an interest in vertical structures may select this option in the CET curriculum, which provides them with the knowledge of working drawings, mechanical and electrical equipment and other course work for a career in building construction.
- **Heavy** – Students with an interest in horizontal structures may select this option in the CET curriculum, which provides them with the knowledge of highways, soils, foundations and other course work for a career in the heavy and industrial construction industry.

CAREER OPPORTUNITIES

- Superintendent
- Project Manager
- Estimator
- Field Engineer
- Officer Engineer
- Project Engineer
- Scheduler



ceat.okstate.edu



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Typical Four-Year Curriculum

FIRST YEAR

Fall Semester

CET	1213	Intro Const
POLS	1113	Amer Govt
ENGL	1113	Fresh Comp
ENGR	1111	Intro to Engr.
XXXX	XXXX	"H" elective
XXXX	XXXX	"S" elective

Spring Semester

CET	2253	Print & Revit
HIST	1103	Amer Hist
ENGL	1213	Fresh Comp II
EET	1003	Compt Prgrm
XXXX	XXXX	Nat Sci w/ Lab

SECOND YEAR

Fall Semester

CET	2263	Estim 1
ACCT	2103	Accounting
PHYS	1114	Physics 1
SPCH	2713	Public Spkng
MATH	2144	Calc 1

Spring Semester

CET	2343	Conc Tech
PHYS	1214	Physics 2
ENSC	2113	Statics
CET	3163	Field Engr.
XXXX	XXXX	"H" elective

Summer Semester

CET	3322	Summer Practicum - 1
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THIRD YEAR

Fall Semester

CET	3273	Scheduling
GENT	3323	Strgth of Mtrl
CIVE	3614	Surveying
ENGL	3323	Tech Writing
XXXX	XXXX	"S" elective

Spring Semester

CET	4263	Estim 2
CET	3463b*	Bldg Systems
CET	4333h*	Equip Mgmt
CET	4563	Law & Insur
CET	3432	Site Devlpmt
CIVE	4711	Soils Lab
XXXX	XXXX	Upper Division Elective

Summer Semester

CET	3332	Summer Practicum - 2
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FOURTH YEAR

Fall Semester

CET	4283	Bus Pract
CET	4273b*	Tech in Const
CET	4533h*	Hvy Hwy Est
CET	4663	Conc. Design
XXXX	XXXX	Upper Division Elective

Spring Semester

CET	4443	Safety & LC
CET	4293	Capstone
CET	4553	Steel Design
IEM	3513	Econ Dec An

b* = building option

h* = heavy option

TOTAL HOURS: 124

Accredited by the Engineering
Technology Accreditation
Commission of ABET,
<http://www.abet.org>.



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This course plan is for general guidance only. An official course plan will be provided upon enrollment.

Contact | ceat.recruitment@okstate.edu | (405)-744-5279