CONSTRUCTION ENGINEERING TECHNOLOGY

College of Engineering

Bachelor of Science
4-year program

sound like you?

Be a project manager • Organize construction sites • Become a contractor

did you know?

Did you know that the Leaning Tower of Pisa has never really been straight?

Construction Engineering Technology at UT

Construction engineering technology (CET) provides students with skills in both engineering and management. This is needed in all phases of projects in construction, transportation and infrastructure. Graduates working on construction sites are responsible for ensuring quality of work, and keeping projects on time and within budget.

Engineering technology at UT is more focused on applying technology instead of on research and development. This means that you would take math and science courses that are less analytical than the courses that traditional engineering majors take. Also, CET majors get a lot of hands-on practice through lab courses.

What to expect when you graduate

Many graduates go on to be contractors or work for all types of contractors, including those in the residential, building, electrical, industrial, highway, bridge or mechanical fields. Others work in offices or laboratories as project managers, estimators, designers, inspectors or schedulers. CET graduates are encouraged to take the exams to become a Professional Engineer in Ohio. This is possible after obtaining the required amount of professional experience (eight years in Ohio).

Check out all our majors online @ *utoledo.edu/admission/freshman/majors.html*

THE UNIVERSITY OF TOLEDO
1872

CONSTRUCTION ENGINEERING TECHNOLOGY

The College of Engineering is one of ten mandatory engineering co-op programs in the United States. Engineering Technology students may optionally participate in the co-op program. It also has one of the nations top 20 graduate engineering programs as ranked by the Princeton Review.

College of Engineering

Group campus tours are available Monday through Friday at 10:30 a.m. or 2:30 p.m., and on Saturday at 11:15 a.m., year round, with the exception of national holidays. Individual admission appointments are available by request. Individualized college or department visits are also available weekdays at 1:15 p.m. by appointment. http://www.utoledo.edu/admission/visit

1.800.5TOLEDO

Sample Curriculum*

FIRST YEAR

Fall Semester

MATH 1330 Trigonometry	3
ENGT 1000 Intro to Engineering Tech	1
ENGL 1110 College Compostion	3
CET 1100 Architectural Graphics	3
CET 1150 Construction Materials & Codes	3
CET 1000 Intro to Constr Engr Tech	1
Total	14 hrs.

Spring Semester

PHYS 2010 Technical Physics: Mechanics	5
CET 1210 Surveying	3
CET 1250 Building Systems	3
ENGL 2950 Sci & Tech Report Writing	3
Hum/Soc Sci/Multicultural Elective	3
Total	17 hrs.

SECOND YEAR

Fall Semester

PHYS 2020 Technical Physics	5
MATH 2450 Technical Calculus I	4
CET 1200 Engineering Mechanics	4
CET 2110 Materials Testing	3
Total	16 hrs.

Spring Semester

CET 2220 Soil Mechanics	3
CET 2060 Construction Estimating	3
CET 2250 Structural Design	4
CET 2030 Construction Graphics	3
Hum/Soc Sci/Multicultural Elective	3
Total	16 hrs.

THIRD YEAR

Fall Semester

CET 3210 Surveying Applications	3
MATH 2460 Technical Calculus II	4
CET 3010 Architectural CADD	4
Natural Science Elective	3
Communication Elective	3
Total	17 hrs.

Spring Semester

CET 3120 Adv Construction Materials	3
Professional Development Elective	3
ENGT 3010 Applied Stats and DOE	4
CET 3220 Hydrology & Hydraulics	3
CET 3160 Contracts and Specifications	3
Total	16 hrs.

FOURTH YEAR

Fall Semester

CET 4250 Advanced Structural Design	4
CET 4460 Construction Management	3
ENGT 3600 Engineering Economics	3
Professional Development Elective	3
Hum/Soc Sci/Multicultural Elective	3
Total	16 hrs.

Spring Semester

ENGT 4050 Senior Tech Capstone	3
CET 4350 Soils, Foundation, & Earth Structures	4
Professional Development Elective	3
Hum/Soc Sci/Multicultural Electives	6
Total	16 hrs.

*Sample curriculum is subject to change. Please consult the department for up-to-date information. For more detailed program requirements, visit catalog.utoledo.edu.

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