

CONSTRUCTION ENGINEERING TECHNOLOGY



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.

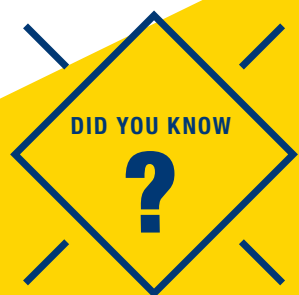
Engineering technology at UT is more focused on applying technology rather than research and development. This means you will take math and science courses that are less analytical than traditional engineering courses. Also, CET majors are exposed to hands-on practice through lab courses and projects.



BE A PROJECT MANAGER.
ORGANIZE
CONSTRUCTION SITES.
BECOME A CONTRACTOR.

WHAT TO EXPECT WHEN YOU GRADUATE

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



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TOWER OF PISA
HAS NEVER REALLY
BEEN STRAIGHT.



COLLEGE OF ENGINEERING
THE UNIVERSITY OF TOLEDO

CONSTRUCTION ENGINEERING TECHNOLOGY

Group campus tours are available Monday through Friday at 10 a.m. or 2:30 p.m., and on select Saturdays at 11:15 a.m. Individual admission appointments are available by request. Individualized college or department visits also are available weekdays at 1:15 p.m. by appointment.

utoledo.edu/admission/campusvisit • 800.5TOLEDO

Suggested Curriculum*

FIRST YEAR

Fall Semester

MATH 1330 Trigonometry	3
ENGT 1000 Intro to Engineering Tech	1
ENGL 1110 College Composition	3
CET 1100 Architectural Graphics	3
CET 1150 Construction Materials & Codes	3
CET 1010 Intro to Constr Engr Tech	1
Total	14 hours

Spring Semester

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

SECOND YEAR

Fall Semester

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

Spring Semester

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

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 hours

Spring Semester

CET 3120 Advanced Construction Materials	3
Professional Development/Technical Electives	1
ENGT 3010 Applied Statistics & Design of Experiments	4
CET 3220 Hydrology & Hydraulics	3
CET 3160 Contracts & Specifications	3
Total	14 hours

FOURTH YEAR

Fall Semester

CET 4250 Advances in Structural Design	4
CET 4460 Construction Management	3
ENGT 3600 Engineering Economics	3
Professional Development/Technical Elective	3
Hum/Soc Sci/Multicultural Elective	3
Total	16 hours

Spring Semester

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

For more information about construction engineering technology, contact:

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