

Continue your Education with Nashville State Community College



Your TDOT Reconnect Technical Certificate earns you 9 hours towards your technical certificate, and ultimately, your A.A.S. in Civil and Construction Engineering Technology.



FIRST YEAR			
Fall Semester			Credits
CAD 1200	Computer-Aided Drafting I		3
MATH 1710	Pre-Calculus Algebra		3
Spring Semester			Credits
CAD 1650	3D Design w/REVIT arch		3
ACT 1161	Residential Design & Construction		4
<u>Technical Certificate Requirements Complete</u>			

Summer Semester			
MATH 1720	Pre-Calculus Trigonometry		3
ENGL 1010	English Composition I		3

SECOND YEAR			
Fall Semester			Credits
CIT 2131	Surveying I		4
ACT 2440	Specifications & Estimating		3
Spring Semester			Credits
CIT 2312	Geographic Information Systems		3
CIT 2301	Site Design w/Civil 3D		3
ACT 2160	Environmental Control Systems		3
Summer Semester			
COMM 2025	Fundamentals of Communication		3
CHEM 1110	General Chemistry		4

THIRD YEAR			
Fall Semester			Credits
CIT 2110	Structural Mechanics		3
Humanities Elective			3
ENGT 2800	Arch/Civil/Const Engr Tech Cap		1
Spring Semester			Credits
Technical elective			3
Social Science Elective			3

For more information please contact:
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Associate of Applied Science
Technical and Career Degree Program



Civil and Construction Engineering Technology

The Civil Engineering Technology Program provides students with a broad education and preparation for a career as an engineering aide in the civil engineering profession. The program is designed for students that have just graduated from high school, individuals in related fields and those who are seeking to change careers.



The program is accredited by
ATMAE
Association of Technology
Management and
Applied Engineering

The Civil & Construction Engineering Technology courses cover topics including:

- Critical thinking used by engineers to solve problems
- Materials and methods of construction
- Relationship between engineers and the engineering technician
- Fundamentals of surveying and Geographic Information Systems (GIS)
- Computer applications in surveying, estimating and construction management
- Soil and material testing,
- Structures and hydrology
- Site design using 3D computer programming to create Building Information Models (BIM)

Transfer agreement with Middle Tennessee State University

The Civil Engineering Technology program has developed an articulation agreement with the Commercial Construction Management program at MTSU department of Engineering Technology. Upon completion of the A.A.S degree 39 credit hours transfer and apply toward completion of the B.S degree. Additional courses can also be completed at NSCC that will transfer. A minimum of an additional 5 semester of study at MTSU after transfer and candidates must meet admission requirement of the university.