



Civil Engineering Technology (1502017019)

Associate in Applied Science (AAS)

Program Coordinator: William M (Mike) Franklin E-mail: william.franklin@kctcs.edu Phone: (859) 246-6771

Program Website: <https://bluegrass.kctcs.edu/education-training/program-finder/civil-engineering-technology.aspx>

Student Name:

Student ID:

Students need to be at KCTCS placement levels for some courses, please verify with coordinator

First Semester	Credits	Term	Grade	Prereqs/Notes
CAD 102 ¹ Drafting Fundamentals	4			
CAD 100 ² Introduction to CAD	3			
SMT 110 ³ Principles of Surveying	3			
MAT 116 Technical Mathematics ¹	3			Quantitative Reasoning
CAD 103 CAD Fundamentals	0-4			or Demonstrated Digital Literacy
Total Semester Credit Hours	13-17			

Second Semester	Credits	Term	Grade	Prereqs/Notes
CAD 120 Introduction to Architecture	4			
CET 150 Civil Engineering Graphics	3			
CAD 201 Parametric Modeling	4			Technical Elective
CET 210 Structural Analysis and Design	3			
ENG 101 Writing I	3			Written Communication
Total Semester Credit Hours	17			

Third Semester	Credits	Term	Grade	Prereqs/Notes
CET 280 Highway Design	3			Technical Elective
CET 295 Independent Problems	1-4			Technical Elective/Substitute Class
Technical Elective ⁴	1-4			
Social / Behavior Sciences	3			
Natural Sciences	3			
CET 200 Civil Engineering Materials	3			
Total Semester Credit Hours	14-19			

Fourth Semester	Credits	Term	Grade	Prereqs/Notes
CAD 298 Practicum	1-3			Or CAD 299 Cooperative Education
Technical Elective ⁴	3-4			
Technical Elective ⁴	3-4			
Heritage / Humanities	3			
Oral Communications	3			
CET 260 Hydrology and Drainage	3			
Total Semester Credit Hours	16-19			
Total Credential Hours	60-67			

Note: 25% of Total Program Credit Hours must be earned at Bluegrass Community and Technical College

Advisor Name: _____ Advisor Signature: _____

Student Name: _____ Student Signature: _____

Special Instructions:

*Math requirements can be satisfied by one of the following courses:

MAT 116, MAT 126, MAT 150 or higher level math course per coordinator approval.

1. or ACH 100 or BRX 120
2. or ACH 195
3. or CAD 108
4. Technical Electives include most other classes with prefix CAD, CET, ACH, GIS, BRX or other related fields and should be approved with the program coordinator.