

Nashville State Community College
ARCHITECTURAL, CIVIL AND CONSTRUCTION ENGINEERING TECHNOLOGY
Civil and Construction Engineering Technology Concentration
A.A.S. Degree Plan CATALOG Year 2014-2015

This sequence can be followed by students who begin college-level work in the fall semester. Prerequisites may apply to specific courses; it is the student's responsibility to determine if prerequisites have been met. Additional semesters will be required if prerequisite courses, including Learning Support courses, must be completed. Prior to registering each semester, the student is expected to consult with his/her advisor.

NAME: _____ **A#** _____ **Date:** _____

FIRST YEAR – FALL SEMESTER					NOTES/COMMENTS
Course No. and Title	Credit	Term	Grade	Prerequisite	
CIT 1220 Materials/Methods Construction	3			None	
CAD 1200 Computer-Aided Drafting I	3			None	
ENGL 1010 English Composition I	3			Completion of all competencies in LS reading and writing	
MATH 1710 Pre-calculus I	3			MATH 1000 or appropriate placement score	
¹ HUMANITIES	3			Completion of all competencies in LS reading and writing	
Total Credit Hours	15				

FIRST YEAR – SPRING SEMESTER					
Course No. and Title	Credit	Term	Grade	Prerequisite	
ACT 1161 Residential Design and Construction	4			CAD 1200	
CIT 1230 Testing of Materials	2			Co requisite: MATH 1000 or appropriate placement score	
CAD 1650 3-D Design w/ Revit Arch. I	3			CAD 1200	
SPCH 1010 Fundamentals of Speech Comm or SPCH 1112 Speech	3			ENGL 1010	
² SOCIAL/ BEHAVIORAL SCIENCE	3			Completion of all competencies in LS reading and writing	
Total Credit Hours	15				

SECOND YEAR – FALL SEMESTER					
Course No. and Title	Credit	Term	Grade	Prerequisite	
CIT 2131 Surveying I	4			MATH 1710	
ACT 2440 Specifications and Estimating	3			CIT 1220	
CIT 2110 Structural Mechanics	3			MATH 1710	
CHEM 1110 General Chemistry	4			MATH 1000	
Technical Elective	3			See catalog	
Total Credit Hours	17				

SECOND YEAR – SPRING SEMESTER					
Course No. and Title	Credit	Term	Grade	Prerequisite	
CIT 2114 Construction Management	3			CIT 1220	
CIT 2301 Hydrology and Site Design	3			CAD 1200 and MATH 1710	
CIT 2312 Geographic Information Systems	4			CIT 2131	
Technical Elective	3			See catalog	
ACT 2160 Environmental Control Systems	3			ACT 1161 and MATH 1710	
ENGT 2800 Arch/Civil/Const Engr. Tech Cap	1			ACT 1161, CIT 1220, CIT 2110, and Co-requisite: ACT 2440	
Total Credit Hours	17				
Degree Total Credit Hours	64				

¹ Humanities and/or Fine Arts: Choose from ART 1030, ARTH 2010, 2020; MUS 1030, PHIL 1030, 1111, 2022, 2200; THEA 1030.

²Social/Behavioral Sciences: Choose from ECON 2010, 2020 (**RECOMMENDED**); GEOG 1010, 1020; POLS 1030, 2010; PSYC 1030, 2120, 2130; SOCI 1010, 1020, 2010

^{1,2} Student should consult with his/her advisor regarding the general education course options listed above.