

**Nashville State Community College**  
**ARCHITECTURAL, CIVIL AND CONSTRUCTION ENGINEERING TECHNOLOGY**  
**Civil and Construction Engineering Technology Concentration**  
**A.A.S. Degree Plan**

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#** \_\_\_\_\_ **CATALOG YR. 2013-2014**

<b>FIRST YEAR – FALL SEMESTER</b>					<b>NOTES/COMMENTS</b>
<b>Course No. and Title</b>	<b>Credit</b>	<b>Term</b>	<b>Grade</b>	<b>Prerequisite</b>	
CAD 1200 Computer-Aided Drafting I	3			None	
CIT 1220 Materials/Methods Construction	3			None	
ENGL 1010 English Composition I	3			Completion of all competencies in LS reading and writing	
Humanities/Fine Arts Elective	3			Completion of all competencies in LS reading and writing	See catalog for approved Humanities/Fine Arts electives.
MATH 1710 Pre-calculus I	3			MATH 1000 or appropriate placement score	
<b>Total Credit Hours</b>	<b>15</b>				

<b>FIRST YEAR – SPRING SEMESTER</b>					
<b>Course No. and Title</b>	<b>Credit</b>	<b>Term</b>	<b>Grade</b>	<b>Prerequisite</b>	
ACT 1161 Residential Design and Construction	4			CAD 1200	
CAD 1301 Computer – Aided Drafting II	3			CAD 1200	
CIT 1230 Testing of Materials (Spring Only)	2			Co-requisite: MATH 1000 or appropriate placement score	
Social/Behavioral Sciences Elective	3			Completion of all competencies in LS reading and writing	See catalog for approved Social/ Behavioral Sciences electives.
SPCH 1010 Fundamentals of Speech Comm. or SPCH 1112 Speech	3			ENGL 1010	
<b>Total Credit Hours</b>	<b>15</b>				

<b>SECOND YEAR – FALL SEMESTER</b>					
<b>Course No. and Title</b>	<b>Credit</b>	<b>Term</b>	<b>Grade</b>	<b>Prerequisite</b>	
ACT 2440 Specifications and Estimating	3			CIT 1220	
CAD 1650 3-D Design w/ Revit Arch. I	3			CAD 1200	
CHEM 1110 General Chemistry I	4			Completion of all competencies in LS reading and writing. MATH 1000 or appropriate placement score	
CIT 2110 Structural Mechanics	3			MATH 1710	
CIT 2131 Surveying I	4			MATH 1710	
<b>Total Credit Hours</b>	<b>17</b>				

<b>SECOND YEAR – SPRING SEMESTER</b>					
<b>Course No. and Title</b>	<b>Credit</b>	<b>Term</b>	<b>Grade</b>	<b>Prerequisite</b>	
ACT 2160 Environmental Control Systems	3			ACT 1161 and MATH 1710	
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	
ENGT 2800 Arch/Civil/Const Engr. Tech Cap	1			ACT 1161, CIT 1220, CIT 2110, and Co-requisite: ACT 2440	
Technical Elective	3				See approved Technical electives below.
<b>Total Credit Hours</b>	<b>17</b>				
<b>Total Degree Credit Hours</b>	<b>64</b>				

Approved Technical Electives: CIT 2915, ACT 1341, CAD 1510, CAD 2650. Additional courses from CAD, CIT and other disciplines may be substituted for the technical elective with the permission of the program coordinator.