

**Nashville State Community College**  
**ARCHITECTURAL, CIVIL AND CONSTRUCTION ENGINEERING TECHNOLOGY**  
 Architectural 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**

FIRST YEAR – FALL SEMESTER					NOTES/COMMENTS
Course No. and Title	Credit	Term	Grade	Prerequisite	
ACT 1113 Drawing and Perception	3			None	
ACT 1391 History of Architecture (Fall Only)	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	
<b>Total Credit Hours</b>	<b>15</b>				

FIRST YEAR – SPRING SEMESTER					NOTES/COMMENTS
Course No. and Title	Credit	Term	Grade	Prerequisite	
ACT 1161 Residential Design and Construction	4			CAD 1200	
CAD 1650 3D Design w/REVIT Architecture	3			CAD 1200	
CIT 1220 Materials/Methods Construction	3			None	
MATH 1720 Pre-calculus II	3			MATH 1710	
Humanities/Fine Arts Elective	3			Completion of all competencies in LS reading and writing	See catalog for approved Humanities/Fine Arts electives.
<b>Total Credit Hours</b>	<b>16</b>				

SECOND YEAR – FALL SEMESTER					NOTES/COMMENTS
Course No. and Title	Credit	Term	Grade	Prerequisite	
ACT 1341 Commercial Design and Codes	4			ACT 1161	
ACT 2440 Specifications and Estimating (Fall Only)	3			CIT 1220	
CIT 2110 Structural Mechanics	3			MATH 1710	
PHYS 2010 Non-Calculus Based Physics I	4			MATH 1720	
SPCH 1010 Fundamentals of Speech Comm. or SPCH 1112 Speech	3			ENGL 1010	
<b>Total Credit Hours</b>	<b>17</b>				

SECOND YEAR – SPRING SEMESTER					NOTES/COMMENTS
Course No. and Title	Credit	Term	Grade	Prerequisite	
ACT 2242 Architectural Design Process	4			ACT 1341	
ACT 2160 Environmental Control Systems (Spring Only)	3			ACT 1161, MATH 1710	
ACT 2123 Architectural Presentations (Spring Only)	2			None	
ENGT 2800 Arch/Civil/Const Engr. Tech Cap	1			ACT 1161, CIT 1220, CIT 2110, Co-requisite: ACT 2440	
Technical Elective	3				See approved Technical electives below.
Social/Behavioral Sciences Elective	3			Completion of all competencies in LS reading and writing	See catalog for approved Social/ Behavioral Science electives.
<b>Total Credit Hours</b>	<b>16</b>				
<b>Total Degree Credit Hours</b>	<b>64</b>				

Approved Technical Electives: ACT 2915, ACT 1392, ACT 1114, CAD 1510, CAD 2650, CIT 2114