

**Nashville State Community College**  
**Tennessee Transfer Pathways to Tennessee Public Universities**  
 Community College Area of Emphasis      **Electrical Engineering**      **A.S. Degree**

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. **Bolded courses cannot be substituted.**

**NAME:** \_\_\_\_\_ **A#** \_\_\_\_\_ **CATALOG YR. 2023-2024**

FIRST YEAR – FALL SEMESTER					NOTES
<b>Course No. and Title</b>	<b>Credit</b>	<b>Term</b>	<b>Grade</b>	<b>Prerequisite</b>	
<b>ENGL 1010 English Composition I</b>	3			English: Level 2 placement or concurrent enrollment in ENGL 1010 and ENGL 0815, Reading: Level 2 placement or concurrent enrollment in READ 0815	
<b>MATH 1910 Calculus I</b>	4			Level 4 placement in Math, Math 1720, or Math 1730	
<b>CHEM 1110 General Chemistry I</b>	4			Level 2 placement in English and Reading, and Initial Level 2 placement or higher in Math, or Math 1000. (Math 1130 is highly recommended)	MATH 1130 is highly recommended
Social Science (ECON 2100 is recommended)	3			See Catalog	
History (HIST 1110 or HIST 2010 is recommended)	3			See Catalog	
NSCC 1010 First Year Experience	1			First Time Freshmen Only	
<b>Total Credit Hours</b>	<b>18</b>				
FIRST YEAR – SPRING SEMESTER					
<b>Course No. and Title</b>	<b>Credit</b>	<b>Term</b>	<b>Grade</b>	<b>Prerequisite</b>	
<b>MATH 1920 Calculus II</b>	4			MATH 1910	
<b>CISP 1032 Programming C++</b>	3			Level 2 placement or higher in Math	
<b>ENGL 1020 English Composition II</b>	3			ENGL 1010	
History (HIST 1120 or HIST 2020 is recommended)	3			See Catalog	
Humanities Elective (ART 1035 or MUS 1030 is recommended)	3			See Catalog	
<b>Total Credit Hours</b>	<b>16</b>				
SECOND YEAR – FALL SEMESTER					
<b>Course No. and Title</b>	<b>Credit</b>	<b>Term</b>	<b>Grade</b>	<b>Prerequisite</b>	
<b>MATH 2110 Calculus III</b>	4			MATH 1920	
<b>ENGR 2130 Circuits</b>	4			MATH 1920 & MATH 2010. MATH 2010 may be taken concurrently	
<b>MATH 2010 Introduction to Linear Algebra</b>	3			MATH 1910	
<b>PHYS 2110 Calculus Based Physics I</b>	4			MATH 1910	
Humanities Elective (PHIL 1030 OR PHIL 1040 is recommended)	3			See Catalog	
<b>Total Credit Hours</b>	<b>18</b>				
SECOND YEAR – SPRING SEMESTER					
<b>Course No. and Title</b>	<b>Credit</b>	<b>Term</b>	<b>Grade</b>	<b>Prerequisite</b>	
<b>PHYS 2120 Calculus Based Physics II</b>	4			PHYS 2110	
<b>MATH 2120 Differential Equations</b>	3			MATH 1920	
Social Science (ECON 2020 Microeconomics is recommended)	3			See Catalog	
Humanities: (Elective – Literature)	3			ENGL 1010 & ENGL 1020	
COMM 2025 Fundamentals of Communication or COMM 2045 – Public Speaking	3			ENGL 1010	
<b>Total Credit Hours</b>	<b>16</b>				
<b>Total Degree Credit Hours</b>	<b>68</b>				