

**Nashville State Community College**  
**TENNESSEE TRANSFER PATHWAYS TO TENNESSEE PUBLIC UNIVERSITIES**  
**Community College Area of Emphasis: Physics 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:** 2019-2020

FIRST YEAR – FALL SEMESTER					NOTES
<i>Course No. and Title</i>	<i>Cr.</i>	<i>Term</i>	<i>Grade</i>	<i>Prerequisite</i>	
<b>ENGL1010 - 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			MATH 1000, 1720, and 1720	Students can test out of MATH 1000
HISTORY (HIST 2010 is recommended)	3			See Catalog	
ELECTIVE (ECON 2100 is recommended)	3			See Catalog	
SOCIAL SCIENCE (PSYC 1030 is recommended)	3			See Catalog	
NSCC 1010 First Year Experience	1			For first-time freshmen only	
<b>Total Credit Hours</b>	<b>16-17</b>				
FIRST YEAR – SPRING SEMESTER					
<i>Course No. and Title</i>	<i>Cr.</i>	<i>Term</i>	<i>Grade</i>	<i>Prerequisite</i>	
<b>ENGL 1020 - English Composition II</b>	3			ENGL 1010	
<b>MATH 1920 - Calculus &amp; Analytic Geom. II</b>	4			MATH 1910	
CISP 1032 – Programming in C++	3			Level 2 placement in Math	
HUMANITIES (PHIL 1040 is recommended)	3			See Catalog	
SOCIAL SCIENCE (SOCI 1010 is recommended)	3			See Catalog	
<b>Total Credit Hours</b>	<b>16</b>				
SECOND YEAR – FALL SEMESTER					
<i>Course No. and Title</i>	<i>Cr.</i>	<i>Term</i>	<i>Grade</i>	<i>Prerequisite</i>	
<b>MATH 2110 - Calculus III</b>	4			MATH 1920	
<b>PHYS 2110 - Calculus based Physics I</b>	4			MATH 1910	
<b>MATH 2120 – Differential Equations</b>	3			MATH 1920	
LITERATURE (ENGL 2035 is recommended)	3			ENGL 1010 and 1020	
<b>Total Credit Hours</b>	<b>14</b>				
SECOND YEAR – SPRING SEMESTER					
<i>Course No. and Title</i>	<i>Cr.</i>	<i>Term</i>	<i>Grade</i>	<i>Prerequisite</i>	
HISTORY (HIST 2020 is recommended)	3			See Catalog	
<b>MATH 2010 – Introduction to Linear Algebra</b>	3			MATH 1910	
<b>PHYS 2120 – Calculus based Physics II</b>	4			PHYS 2110	
HUMANITIES (MUS 1030 is recommended)	3			See Catalog	
<b>COMM 2025 – Fundamentals of Communication</b>	3			ENGL 1010	
<b>Total Credit Hours</b>	<b>16</b>				
<b>Total Degree Credit Hours</b>	<b>62/63</b>				