

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:** 2020-2021

FIRST YEAR – FALL SEMESTER					NOTES
Course No. and Title	Cr.	Term	Grade	Prerequisite	
ENGL1010 - English Composition I	3			English: Level 2 placement or concurrent enrollment in ENGL 1010 and ENGL 0815, Reading: Level 2 placement or concurrent enrollment in READ 0815.	
MATH 1910 - Calculus I	4			MATH 1710 and 1720 OR MATH 1730	
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	
NSSC 1010 First Year Experience	1			For first-time freshmen only	
Total Credit Hours	16-17				
FIRST YEAR – SPRING SEMESTER					
Course No. and Title	Cr.	Term	Grade	Prerequisite	
ENGL 1020 - English Composition II	3			ENGL 1010	
MATH 1920 - Calculus & Analytic Geom. II	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	
Total Credit Hours	16				
SECOND YEAR – FALL SEMESTER					
Course No. and Title	Cr.	Term	Grade	Prerequisite	
MATH 2110 - Calculus III	4			MATH 1920	
PHYS 2110 - Calculus based Physics I	4			MATH 1910	
MATH 2120 – Differential Equations	3			MATH 1920	
LITERATURE (ENGL 2035 is recommended)	3			ENGL 1010 and 1020	
Total Credit Hours	14				
SECOND YEAR – SPRING SEMESTER					
Course No. and Title	Cr.	Term	Grade	Prerequisite	
HISTORY (HIST 2020 is recommended)	3			See Catalog	
MATH 2010 – Introduction to Linear Algebra	3			MATH 1910	
PHYS 2120 – Calculus based Physics II	4			PHYS 2110	
HUMANITIES (MUS 1030 is recommended)	3			See Catalog	
COMM 2025 – Fundamentals of Communication	3			ENGL 1010	
Total Credit Hours	16				
Total Degree Credit Hours	62/63				