

**Nashville State Community College**  
**Computer Information Technology**  
**Data Analytics 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 may be required if prerequisite courses must be completed.

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

<b>FIRST YEAR – FALL SEMESTER</b>					<b>NOTES</b>
<b>Course No. and Title</b>	<b>Credit</b>	<b>Term</b>	<b>Grade</b>	<b>Prerequisite</b>	
CITC 1301 Intro to Programming & Logic	3			Level 2 placement in Reading and Math	
INFS 1010 - Computer Applications	3			Level 2 placement in Reading	
ENGL 1010 English Composition I	3			Level 2 placement in English or concurrent enrollment in ENGL 0815: Reading: Level 2 placement in Reading or concurrent enrollment in READ 0815.	
MATH 1530 Introductory Statistics	3			Level 2 placement or higher in Math or concurrent enrollment in MATH 0835	
PHIL 1000 Critical Thinking in the 21 <sup>st</sup> Century (Humanities Elective)	3			See Catalog	
NSCC 1010 First Year Experience	1			First-Time Freshman Only	
<b>Total Credit Hours</b>	<b>16</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>	
CITC 1300 Beginning HTML and CSS	3			Level 2 placement in Reading and Math	
CITC 1303 Database Concepts	3			None	
CITC 1310 Programming I	3			CITC 1301 with minimum grade of "C"	<b>SPRING ONLY</b>
CITC 1370 - Statistics for Data Analytics	3			INFS 1010 and MATH 1530 both with minimum grades of "C"	
COMM 2025 Fundamentals of Comm	3			ENGL 1010 and Level 2 placement in Reading or concurrent enrollment in READ 0815	
<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>	
CITC 1302 Introduction to Networking	3			None	
CITC 1334 Project Management I	3			Level 2 placement in English, Reading, and Math	
CITC 2308 - Data Analytics Spreadsheets	3			INFS 1010 and CITC 1303 both with minimum grades of "C"	
CITC 2333 - Professional Workplace Skills	3			Level 2 placement in English and Reading	
CITC 2340 - Adv. Database Concepts & Progr.	3			CITC 1303 and (CITC 1310 or CITC 1314) all with minimum grades of "C"	<b>FALL ONLY</b>
<b>Total Credit Hours</b>	<b>15</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>	
CITC 1332 UNIX/Linux Operating System	3			None	
CITC 2350 - Python for Data Analytics	3			CITC 1370 and CITC 2340 both with minimum grades of "C"	
CITC 2378 - Data Visualization	3			CITC 1370 and CITC 2308 both with minimum grades of "C"	
CITC 2190 CIT Capstone	1			CITC 1301, CITC 1302 OR 1323, CITC 1303, and CITC 1334	Course is to be taken during the last semester.
Approved Technical Elective: (CITC 1311 or CITC 1351 is recommended)	2			Advisor approval for other courses required.	
ECON 2100 – Macroeconomics (Social Sciences Elective)	3			See Catalog	
<b>Total Credit Hours</b>	<b>15</b>				
<b>Total Degree Credit Hours</b>	<b>60-61</b>				