

**Nashville State Community College  
Computer Information Systems  
Applications Developer 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	
CIS 1030 Program Logic and Design	3			Completion of all competencies in LS reading and math	
CIS 1040 Business for Information Tech	3			Completion of all competencies in LS reading and writing	
CIS 1170 Web Application Development	3			Completion of all competencies in LS reading and writing	
ENGL 1010 English Composition I	3			Completion of all competencies in LS reading and writing	
MATH 1630 Finite Mathematics	3			Completion of all competencies in LS math	
<b>Total Credit Hours</b>	<b>15</b>				
FIRST YEAR – SPRING SEMESTER					
Course No. and Title	Credit	Term	Grade	Prerequisite	
CIS 1060 Project Management	3			Completion of all competencies in LS reading, writing and math	
CIS 2230 Database Concepts	3			None	
CIS 2270 JAVA Application Development	3			CIS 1030 with a grade of "C" or higher	
MATH 1530 Probability/Statistics	3			Completion of all competencies in LS math	
SPCH 1112 Speech	3			ENGL 1010	
<b>Total Credit Hours</b>	<b>15</b>				
SECOND YEAR – FALL SEMESTER					
Course No. and Title	Credit	Term	Grade	Prerequisite	
CIS 2180 Dynamic Web Programming	3			CIS 2230 with a grade of "C" or higher, CIS 1170 or COM 1000 with a grade of "C" or higher	
CIS 2330 Oracle Database SQL	3			CIS 2230 with a grade of "C" or higher	
CIS 2400 Introduction to .NET Programming	3			CIS 2270 with a grade of "C" or higher	
PHIL 1111 Introduction to Ethics	3			Completion of all competencies in LS reading and writing	
Technical Elective	3				See approved Technical electives below.
<b>Total Credit Hours</b>	<b>15</b>				
SECOND YEAR – SPRING SEMESTER					
Course No. and Title	Credit	Term	Grade	Prerequisite	
CIS 2350 SQL Server	3			CIS 2330 with a grade of "C" or higher	
CIS 2420 .NET Windows-Based Client Dev	3			CIS 2400 with a grade of "C" or higher	
CIS 2430 .NET Web-Based Client Dev	3			CIS 2400 with a grade of "C" or higher	
CIS 2600 IT Professional Capstone	3			CIS 1060, CIS 2180, CIS 2230, CIS 2400, SPCH 1112 with a grade of "C" or higher	
Social/Behavioral Sciences Elective	3				See catalog for approved Social/Behavioral Sciences electives.
<b>Total Credit Hours</b>	<b>15</b>				
<b>Total Degree Credit Hours</b>	<b>60</b>				

Approved Technical Electives: Any course beyond degree requirements with a CIS, CISP, CNT or CPT prefix. The exception is CIS 1010, which is not to be taken by CIS majors.