

Academic Pathway  
**Software Development**  
 Associate of Applied Science  
**Pathway: Business and Technology**

Student:

Advisor:

Course/Semester	Credits	Fall/Spring Only	Milestone Course	Notes	Completed
<b>Semester 1 Fall</b>					
CSCI 100 Introduction to Programming	3	Fall only	*		
CSCI 194 Seminar	2	Fall only		Portfolio introduced	
ITS 164 Network Fundamentals	3	Fall only			
<b>Total</b>	<b>8</b>				
<b>Semester 2 Spring</b>					
CSCI 111 Programming with Java I	3	Spring only	*		
CSCI 240 Databases SQL	3	Spring only			
ITS 165 Intro to OS and the CMD Line	3	Spring only			
<b>Total</b>	<b>9</b>				
<b>Semester 3 Summer</b>					
WRIT 121T Intro to Tech Writ	3			WRIT 121 offered fall and spring only. WRIT 101 College Writing is offered every summer and is an approved option for this requirement.	
M 115 Probability and Linear or M 121	3				
<b>Total</b>	<b>6</b>				
<b>Semester 4 Fall</b>					
CSCI 121 Programming with Java II	3	Fall only	*		
MART 145 Web Design	3	Fall only			
<b>Total</b>	<b>6</b>				
<b>Semester 5 Spring</b>					
CSCI 257 Web Services	3	Spring only			
ITS 224 Intro to Linux	3	Spring only			
CSCI 211 Client Side Web Development	3	Fall only ?			
<b>Total</b>	<b>9</b>				
<b>Semester 6 Fall</b>					

CSCI 245 Modern Data Systems	3	Fall only			
CSCI 276 Application Security	3	Fall only			
<b>Total</b>	<b>6</b>				
<b>Semester 7 Spring</b>					
ITS 179 Cloud Systems	3	Spring only			
CSCI 206 .NET Applications	4	Spring only	*		
COMX 106 COMM in a Dynamic Workplace	2	Spring only			
<b>Total</b>	<b>9</b>				
<b>Semester 8 Fall</b>					
CSCI 221 Systems Analysis and Design	3	Fall only			
CSCI 298 Internship or CSCI 292 Independent Study or CT Elective	2				
<b>Total</b>	<b>5</b>				
<b>Semester 9 Spring</b>					
ITS 221 Project Management	3	Spring only			
CSCI 299 Capstone	2	Spring only	*	Portfolio requirement	
<b>Total</b>	<b>5</b>				

***\*Students must earn a C- or better in order to successfully complete a course.***