Academic Pathway

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

Student: Advisor:

Course/Semester (Prefix, Number and Title)	Credits	Fall/Spring Only	Milestone Course	Notes	Completed
Semester 1					
CSCI 100 Introduction to Programming	3	Fall only	*	PT1	
CSCI 194 Seminar	2	Fall only		Portfolio introduced PT1	
ITS 164 Network Fundamentals	3	Fall only		PT1	
M 115 Probability and Linear or M 121	3			PT3 Both math courses offered fall and spring online. M 121 also offered online in summer semester.	
WRIT 121T Intro to Tech Writing	3			PT3 Course offered in both fall and spring online.	
Total	**14**				
Semester 2					
CSCI 111 Programming with Java I	3	Spring only	*	PT2	
CSCI 240 Databases SQL	3	Spring only		PT2	
ITS 165 Intro to OS and the CMD Line	3	Spring only		PT2	
ITS 224 Intro to Linux	3	Spring only		PT5	
MART 145 Web Design	3	Spring only		PT6	
Total	**15**				
Semester 3					
CSCI 221 Systems Analysis and Design	3	Fall only		PT9	
CSCI 121 Programming with Java II	3	Fall only	*	PT4	
CSCI 211 Client Side Web Development	3	Fall only		PT4	
CSCI 276 Application Security	3	Fall only		PT7	
CSCI 245 Modern Data Systems	3	Fall only		PT7	
CSCI 298 Internship or CSCI 292 Independent Study or CT Elective	2			PT9	
Total	**17**				
Semester 4					

CSCI 206 .NET Applications	4	Spring only	*	PT8	
ITS 221 Project Management	3	Spring only		PT10	
ITS 179 Cloud Systems	3	Spring only		PT8	
CSCI 257 Web Services	3	Spring only		PT5	
CSCI 299 Capstone	2	Spring only	*	Portfolio requirement PT10	
COMX 106 COMM in a Dynamic Workplace	2	Spring only		PT6	
Total	**17**				

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