

Academic Pathways Map
Software Development
A.A.S.
Computer Science and Technology

Start Here

SEMESTER 1		CREDITS	MILESTONE	✓
CSCI100	INTRODUCTION TO PROGRAMMING	3	*	
CSCI194	CT SEMINAR	2		
ITS164	NETWORKING FUNDAMENTALS	3		
M115	PROBABILITY AND LINEAR MATHEMATICS	3		
WRIT121T	INTRODUCTION TO TECHNICAL WRITING	3		

TOTAL CREDITS 14

SEMESTER 2		CREDITS	MILESTONE	✓
CSCI111	PROGRAMMING WITH JAVA I	3	*	
CSCI240	DATABASES AND SQL	3		
MART145	WEB DESIGN	3		
ITS224	INTRODUCTION TO LINUX	3		
ITS165	INTRODUCTION TO OPERATING SYSTEMS AND THE COMMAND LINE	3		

TOTAL CREDITS 15

SEMESTER 3		CREDITS	MILESTONE	✓
CSCI221	SYSTEMS ANALYSIS AND DESIGN	3		
CSCI121	PROGRAMMING WITH JAVA II	3	*	
CSCI211	CLIENT SIDE WEB DEVELOPMENT	3		
CSCI276	APPLICATION SECURITY	3		
CSCI245	MODERN DATABASE SYSTEMS	3		
Choose 1 of 2	CSCI292, CSCI298	2		

TOTAL CREDITS 17

SEMESTER 4		CREDITS	MILESTONE	✓
CSCI206	.NET APPLICATIONS	4		
CSCI257	WEB SERVICES	3		
ITS279	CLOUD SYSTEMS	3		
ITS221	PROJECT MANAGEMENT	3		
CSCI299	SENIOR CAPSTONE	2		
COMX106	COMMUNICATING IN A DYNAMIC WORKPLACE	2		

TOTAL CREDITS 17

You are finished!



Pathway Advising Notes: none

Course Advising Notes: none