Web Programming and Development Courses

Award: Associate of Applied Science (AAS)
Required number of credits: 61
Program Start: Fall

2020–2021 Suggested Sequence of Study

The following suggested sequence of study is for new full-time students starting the program Fall 2020, Spring 2021, or Summer 2021. Part-time students should visit with a program advisor for a modified sequence of study.

When registering for classes refer to your Academic Evaluation to see your specific program requirements and ensure proper registration.

Courses are subject to change.

◆	General education course.
▣	Non-transfer general education course.
►	Course has a prerequisite and/or corequisite.
O	Course meets 100% online.
E	Course meets face-to-face after 5:00pm.

Semester 1				
CIS-121	Introduction to Programming Logic		3	▣
CIS-355	Database Design and Management		4	
COM-781	Written Communication in the Workplace ► -OR-		3	▣
ENG-105	Composition I ►	O E	3	◆
MAT-110	Math for Liberal Arts ► -OR-	O E	3	◆
MAT-121	College Algebra ► -OR-		4	◆
MAT-128	Precalculus ► -OR-		4	◆
	Math Elective		3	
WDV-102	Introduction to Web Development		3	
		Total Credits 16		

Semester 2

CIS-215	Server Side Web Programming ▶		3	
CIS-231	PHP Programming ▶		3	
CIS-249	Web Languages ▶ -OR-		3	
MGT-110	Small Business Management -OR-		3	
WDV-105	Web Layouts -OR-		3	
WDV-928	Independent Study		1	
CIS-504	Structured Systems Analysis		3	
SPC-101	Fundamentals of Oral Communication	O E	3	◆

Total Credits 15

Semester 3

CIS-206	Web Scripting ▶		3	
CIS-217	Data Driven Web Page ▶		3	
CIS-225	Advanced Server Side Web Programming ▶		3	
PSY-102	Human and Work Relations -OR-		3	◆
PSY-111	Introduction to Psychology -OR-	O E	3	◆
SOC-110	Introduction to Sociology	O E	3	◆
	Elective		3	

Total Credits 15

Semester 4

CIS-184	Programming Algorithms ▶		3
WDV-600	Project Development ▶		3
WDV-800	Portfolio ▶		3
WDV-930	Internship ▶		3
	Elective		3

Total Credits 15

Electives

CIS-234	Web Site Administration ▶		3
CIS-249	Web Languages ▶		3
CIS-274	E-Commerce Design ▶		3
CIS-364	Game Development I ▶		3
MGT-110	Small Business Management		3
	Offered spring semester		
NET-109	A+ Certification Prep Course		4
	Offered fall semester		
WDV-105	Web Layouts		3
WDV-300	Advanced Topics in Web Development ▶		3
WDV-928	Independent Study		1

Math Electives

MAT-134	Trigonometry and Analytic Geometry ▶		3	◆
MAT-156	Statistics ▶	O E	3	◆
MAT-210	Calculus I ▶		4	◆
MAT-216	Calculus II ▶		4	◆
MAT-219	Calculus III ▶		4	◆