

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 in the academic year listed. 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.

LEGEND

- ◆ General education course.

- ▣ Non-transfer general education course.

- ▶ Course has a prerequisite and/or corequisite.

- 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 ▶	0 E 3	◆
MAT-110	Math for Liberal Arts ▶ -OR-	0 E 3	◆
MAT-121	College Algebra ▶ -OR-	4	◆
MAT-128	Precalculus ▶ -OR-	4	◆
	<u>Math Elective</u>	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 <i>Offered spring semester</i>	3
NET-109	A+ Certification Prep Course <i>Offered fall semester</i>	4
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	◆