Web Programming and Development AAS Degree Courses

Award	Associate of Applied Science (AAS)
Credits	61
Program Start	Fall
Time to Complete	2 years
Course Format	Hybrid, Online
Class Meets	Evening starting at 5:00pm

2022–2023 Suggested Sequence of Study

≫ **The following suggested sequence of study is for new full-time students starting the program Fall 2022**. Part-time students should visit with a program advisor for a modified sequence of study.

≫ **When registering for classes refer to Self-Service > Student Planning to view your specific program requirements, your progress, and ensure proper registration.**

≫ Courses are subject to change.

- ◆ General education course.
- ▣ Non-transfer general education course.
- ► Course has a prerequisite and/or corequisite.

Term 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 ►	3	◆
MAT-110	Math for Liberal Arts ► -OR-	3	
	Math Elective	3	
WDV-102	Introduction to Web Development	3	
	Total Credits 16		

Term 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	3
	Total Credits 15	

Term 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-	3	◆
SOC-110	Introduction to Sociology	3	◆
	Elective	3	
	Total Credits 15		

Term 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 *Offered spring semester*	3
NET-109	A+ Certification Prep Course *Offered fall semester*	4
WDV-105	Web Layouts	3
WDV-300	Advanced Topics in Web Development ▶	3
WDV-928	Independent Study	1

Math Electives

MAT-121	College Algebra ▶	4
MAT-128	Precalculus ▶	4
MAT-134	Trigonometry and Analytic Geometry ▶	3
MAT-156	Statistics ▶	3
MAT-210	Calculus I ▶	4
MAT-216	Calculus II ▶	4
MAT-219	Calculus III ▶	4