

# Web Programming and Development AAS Degree Courses

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

## 2024–2025 Suggested Sequence of Study

The following suggested sequence of study is for new full-time students starting the program Fall 2024. 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	
		<b>Total Credits</b>	<b>16</b>

**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
<b>Total Credits 15</b>		

**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
<b>Total Credits 15</b>		

**Term 4**

CIS-184	Programming Algorithms ►	3
WDV-600	Project Development ►	3
WDV-800	Portfolio ►	3
WDV-930	Internship ►	3
	Elective	3
<b>Total Credits 15</b>		

## 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-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