

WEB DESIGN AND DEVELOPMENT

Associate in Applied Science A.A.S.: Option 1: Web Design and Development Degree - Web Design and Interactive Media

This 60 credit-hour web curriculum prepares students for various positions in the field of web design and interactive media. Students will learn the technology behind today's Internet and website design protocols by producing professional communications, innovative interactive web solutions, and understanding the technical aspect of interactive web design. Utilizing graphic rich media, web and multimedia design technologies and standards while learning front-end development, this degree path provides solid design and technology skills for an industry relevant experience.

This sequenced degree plan is one of two options that students may pursue to earn the Web Design and Development Associate in Applied Science (AAS) degree. While there are multiple specializations, this particular degree can be awarded only once.

FIRST SEMESTER:

Number	Course Title	Credits	Course Category
ENG 101	Composition I	3	AAS General Education
GRA 101	Introduction to Graphic Arts Technology	3	Program Requirement
GRA 103	Digital Imaging I	3	Program Requirement
MTH 103	College Algebra ¹	3	AAS General Education
WEB 110	Internet Fundamentals	3	Program Requirement

SECOND SEMESTER:

Number	Course Title	Credits	Course Category
	AAS General Education elective+	3	AAS General Education
ENG 102	Composition II or		
SPE 101	Fundamentals of Speech Communication	3	AAS General Education
GRA 145	Wordpress and Mobile Technologies	3	Program Requirement
WEB 150	Web Foundations	3	Program Requirement
WEB 170	Web UX Fundamentals and Prototyping	3	Program Requirement

THIRD SEMESTER:

Number	Course Title	Credits	Course Category
	AAS General Education elective+	3	AAS General Education
WEB 180	Web Multimedia	3	Program Requirement
WEB 190	Web Authoring Tools (F)	3	Program Requirement
WEB 200	Web Scripting Foundations	3	Program Requirement
WEB 240	E-Commerce Strategies and Technologies (F)	3	Program Requirement

FOURTH SEMESTER:

Number	Course Title	Credits	Course Category
	Elective ²	3	Program Requirement
MKT 180	Strategic Communication for A Digital World	3	Program Requirement
WEB 210	Web Accessibility (S)	3	Program Requirement
WEB 235	Interactive Scripting (S)	3	Program Requirement
WEB 299	Web Design Capstone (S)	3	Program Requirement

1 If a student places higher than MTH 103, they need to take a 3 credit-hour AAS General Education elective. See full list of [AAS General Education Electives](#).

+ ART 110 or ART 121 are recommended. At least one of the AAS General Education electives must meet the World Cultures and Diversity graduation requirement. See full list of [AAS General Education Electives](#).

2 Electives: CIS 106, CIS 206, CIS 216, CSC 214, GRA 102, GRA 112, MKT 180, WEB 140, WEB 180, WEB 250 (S), WEB 285, WEB 299 (S).