WEB DESIGN AND DEVELOPMENT

Associate in Applied Science A.A.S.: Option 2: Web Design and Development Degree - Web Development

This 61 credit-hour technical curriculum prepares students for various positions in the field of web development. Students will learn the technology behind today's Internet and website development protocols by producing professional web solutions and understanding the technical aspect of website development. Utilizing front-end design and back-end practices and programming, this degree path provides solid 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.

F = Fall only course S = Spring only course U = Summer only course

FIRST SEMESTER:

Number		Course Title	Credits	Course Category
CIS	106	Computer Logic and Programming Technology	3	Program Requirement
ENG	101	Composition I	3	AAS General Education
GRA	101	Introduction to Graphic Arts Technology	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
CIS	143	Introduction to Database Systems	3	Program Requirement
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

THIRD SEMESTER:

Number		Course Title	Credits	Course Category
		AAS General Education elective[+]	3	AAS General Education
WEB	170	Web UX Fundamentals and Prototyping	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
CSC	121	Computer Science I	4	Program Requirement
		Elective[2]	3	Program Requirement
WEB	210	Web Accessibility **(S)**	3	Program Requirement
WEB	235	Interactive Scripting **(S)**	3	Program Requirement
WEB	250	Server-Side Scripting **(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. MTH 103 is required for CSC 121. See full list of AAS General Education Electives.

[+] 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).