

## 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 <sup>1</sup> .....            | 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 <b>(F)</b> .....                    | 3       | Program Requirement   |
| WEB 200 | Web Scripting Foundations .....                         | 3       | Program Requirement   |
| WEB 240 | E-Commerce Strategies and Technologies <b>(F)</b> ..... | 3       | Program Requirement   |

#### FOURTH SEMESTER:

| Number  | Course Title                                      | Credits | Course Category     |
|---------|---|---------|---------------------|
|         | Elective <sup>2</sup> .....                       | 3       | Program Requirement |
| MKT 180 | Strategic Communication for A Digital World ..... | 3       | Program Requirement |
| WEB 210 | Web Accessibility <b>(S)</b> .....                | 3       | Program Requirement |
| WEB 235 | Interactive Scripting <b>(S)</b> .....            | 3       | Program Requirement |
| WEB 299 | Web Design Capstone <b>(S)</b> .....              | 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).