Web Development and Digital Media, AAS

The Web Development and Digital Media 63-credit hour Associate of Applied Science degree is designed for students who wish to pursue careers in web development and digital media. This program teaches technologies and techniques involved in designing and developing web sites, web applications, user experiences and digital content necessary to capture audiences in our increasingly mobile world. The degree is designed to enhance skills and help students discover the specific discipline that best suits their talents and interests. The degree offers an exciting variety of course options in a hands-on learning environment. Students have access to state-of-the-art computer and production labs. Course work includes analysis of real world case studies and hands-on projects that allow students to apply the concepts and skills they have learned to realistic business situations. Students are prepared for a variety of positions as web developers, web designers, user experience developers, digital media specialists.

(Major Code 2030; State CIP Code 11.0801)

Web Development & Digital Media (http://www.jccc.edu/academics/credit/web-development-digital-media)

Associate of Applied Science Degree

First Semester

WEB 110	HTML and CSS	3
WEB 112	Professional Skills for the Digital Developer	3
WEB 114	Web Scripting: JavaScript I*	2
WEB 116	Digital Media Concepts	2
WEB 118	Digital Workflow	3
IT 120	CompTIA A+ Practical Applications	3
Total Hours		16

Second Semester (Web Development Option)

WEB 120	Web Analytics*	3
WEB 122	CSS Techniques & Projects*	3
WEB 124	Web Scripting: JavaScript II*	2
WEB 126	Technical Interface Skills*	3
WEB 128	Server Scripting: PHP with MySQL*	2
WEB 230	Asynchronous JavaScript and XML*	1
Total Hours		14

Second Semester (Digital Media Option)

WEB 120	Web Analytics*	3
WEB 121	Digital Media Assets*	4
WEB 126	Technical Interface Skills*	3
WEB 233	Visual Storytelling	3
WEB 243	Search Engine Optimization*	1
Total Hours		14

Third Semester (Web Development Option)

ENGL 121	Composition I*	3
Program Electives		3
NOTE: Program electives are any courses with WEB, CPCA, CDTP, CS, CIS, IT, GAME, ANI or HCIS prefix.		
WEB 238	Interactive Scripting: JQuery*	4
WEB 234	Web Apps I*	3
or WEB 240	HTML and CSS II*	
Social Science and/or Economics Elective ^		3
Total Hours		16

^ See all AAS general education electives (http://catalog.jccc.edu/degreerequirements/associate-applied-science)

Third Semester (Digital Media Option)

ENGL 121	Composition I*	3
Program Electives		3
NOTE: Program electives are any courses with WEB, CPCA, CDTP, CS, CIS, IT, GAME, ANI or HCIS prefix.		
WEB 231	User Experience*	4
WEB 237	Emerging Technologies*	3
Social Science and/or Economics Elective ^		3
Total Hours		16

^ See all AAS general education electives (http://catalog.jccc.edu/degreerequirements/associate-applied-science)

Fourth Semester (Web Development Option)

Program Electives		5
NOTE: Program electives are any courses with WEB, CPCA, CDTP, CS, CIS, IT, GAME, ANI or HCIS prefix.		
WEB 290	Web Development and Digital Media Capstone*	3
Communications Elective ^		3
NOTE: ENGL 140 is recommended		
Science or Math Elective ^		3
Humanities Elective ^		3
Total Hours		17

^ See all AAS general education electives (http://catalog.jccc.edu/degreerequirements/associate-applied-science)

Fourth Semester (Digital Media Option)

Program Electives		5
NOTE: Program electives are any courses with WEB, CPCA, CDTP, CS, CIS, IT, GAME, ANI or HCIS prefix.		
WEB 290	Web Development and Digital Media Capstone*	3
Communications Elective ^		3
NOTE: ENGL 140 is recommended		
Science or Math Elective ^		3
Humanities Elective ^		3
Total Hours		17

^ See all AAS general education electives (http://catalog.jccc.edu/degreerequirements/associate-applied-science)

Total Program Hours: 63