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

Total Hours		16
Social Science and/or Eco	onomics Elective ^	3
or WEB 240	HTML and CSS II*	
WEB 234	Web Apps I*	3
WEB 238	Interactive Scripting: JQuery*	4
NOTE: Program elective	ves are any courses with WEB, CPCA, CDTP, CS, CIS, IT, GAME, ANI or HCIS prefix.	
Program Electives		3
ENGL 121	Composition I*	3
Third Semester ((Web Development Option)	
Total Hours		14
WEB 243	Search Engine Optimization*	1
WEB 233	Visual Storytelling	3
WEB 126	Technical Interface Skills*	3
WEB 121	Digital Media Assets*	4
WEB 120	Web Analytics*	3
Total Hours Second Semeste	er (Digital Media Option)	14
WEB 230	Asynchronous JavaScript and XML*	1
WEB 128	Server Scripting: PHP with MySQL*	2
WEB 126	Technical Interface Skills*	3
WEB 124	Web Scripting: JavaScript II*	2
WEB 122	CSS Techniques & Projects*	3
WEB 120	Web Analytics*	3
	er (Web Development Option)	
Total Hours		16
IT 120	CompTIA A+ Practical Applications	3
WEB 118	Digital Workflow	3
WEB 116	Digital Media Concepts	2
WEB 114	Web Scripting: JavaScript I*	2
WEB 112	Professional Skills for the Digital Developer	3
WEB 110	HTML and CSS	3

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

Third Semester (Digital Media Option)

Program Electives NOTE: Program electives are any courses with WEB, CPCA, CDTP, CS, CIS, IT, GAME, ANI or HCIS prefix. WEB 231 User Experience* WEB 237 Emerging Technologies* 3 Social Science and/or Economics Elective ^ 3 Total Hours Ase all AAS general education electives (http://catalog.jccc.edu/degreerequirements/associate-applied-science/) Fourth Semester (Web Development Option) Program Electives 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 ^ NOTE: ENGL 140 is recommended Science or Math Elective ^ 3 Total Hours Tourth Semester (Digital Media Option) Program Electives NOTE: Program electives (http://catalog.jccc.edu/degreerequirements/associate-applied-science/) Fourth Semester (Digital Media Option) Program Electives NOTE: Program electives (http://catalog.jccc.edu/degreerequirements/associate-applied-science/) Fourth Semester (Digital Media Option) Program Electives 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* 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 NOTE: ENGL 140 is recommended Science or Math Elective 3 Total Hours Total Hours	ENGL 121	Composition I*	3
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Total Hours 17	Humanities Elective ^		
	Total Hours		17

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

Total Program Hours: 63