

# WEB DEVELOPMENT 2019-2020

## ASSOCIATE IN APPLIED SCIENCE - SCOTTSDALE COMMUNITY COLLEGE

ACADEMIC AND CAREER ADVISEMENT CENTER – 480-423-6539 – [WWW.SCOTTSDALECC.EDU/ADMISSIONS/ADVISEMENT](http://WWW.SCOTTSDALECC.EDU/ADMISSIONS/ADVISEMENT)

Name \_\_\_\_\_ Advisor \_\_\_\_\_ Date \_\_\_\_\_

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Effective First Term: FALL 2016	Dept./ Course	Course Title	Credit Hours	Grade	Comments
<b>Program Prerequisites: 0-3 credits</b>	+CRE101	College Critical Reading & Critical Thinking (3) OR equivalent by assessment	0-3		
<b>Required Courses 36 Credits</b>					
	CIS105	Survey of Computer Information Systems	3		
	CIS117DM	Microsoft Access: Database Management	3		
	CIS126DL	Linux Operating System	3		
	CIS133DA	Internet/Web Development Level I	3		
	+CIS150	Programming Fundamentals	3		
	+CIS166AE	Web Scripting with PHP: Hypertext Preproc (PHP)	3		
	+CIS225AB	Object-Oriented Analysis and Design	3		
	+CIS233DA	Internet/Web Development Level II	3		
	+CIS235	e-Commerce	3		
	+CIS119DO +CIS217AM +CIS276++	Introduction to Oracle: SQL (3) OR Adv. Microsoft Access: Database Mgmt. (3) OR Any Database Management Systems module (3)	3		
	+CIS159 +CIS162++ +CIS163AA	Visual Basic Programming I (3) OR Any 100-level C Programming module (3) OR Java Programming: Level I (3)	3		
	+CIS166AA +CIS166AC	Introduction to JavaScripting (3) OR Web Scripting with Active Server Pages (ASP) Net (3)	3		
<b>Restricted Electives 3 Credits</b>	CIS224 +CIS226++  +CIS262++ CIS280 +CIS290++	Project Mgmt Microsoft Project for Windows Internet/Intranet Server Administration (any module)  C Programming (any module) Current Topics in Computing Computer Information Systems Internship (any module)	3 3  3 3 1-3		
<b>General Education Requirements 21-24 Credits</b>		<b>Core: 12-14 Credits</b>			
First-Year Composition	+ENG101 +ENG107 +ENG102 +ENG108	First-Year Composition (3) OR First-Year Composition for ESL (3) AND First-Year Composition (3) OR First-Year Composition for ESL (3)	6		
Oral Communication		Any approved general education course in Oral Communication area	3		
Critical Reading		+Met by CRE101 OR equivalent as indicated by assessment in Program Prerequisite area	0		
Mathematics		+Any approved general education course in Mathematics area	3-5		
		<b>Distribution: 9-10 Credits</b>			
Humanities, Arts and Design		Any approved general course in Humanities, Arts and Design area	2-3		
Natural Sciences		Any approved general education course in Natural Sciences area	4		
Social-Behavioral Sciences		Any approved general education course in Social-Behavioral Sciences area	3		
		<b>TOTAL CREDITS</b>	<b>60-66</b>		

+Course has a prerequisite

Revised 4-2019

Grade of C or better required for all courses in the AAS in Web Development.

Completion of this form by an advisor is unofficial; official acceptance of all classes determined by SCC Admissions office.

# Web Development Degree Progression Plan

The following is a list of semester classes for the smoothest path towards successfully completing the degree. Some changes or restrictions may apply.

Semester	Course Title	Credit Hours	Comments
<b>First Semester Courses</b>			
ENG 101	First-Year Composition	3	
MAT112 or higher	Mathematical Concepts	3-5	
CIS105	Survey of Computer Information Systems	3	
CIS133DA	Internet/Web Development Level I	3	
<b>Second Semester Courses</b>			
ENG102	First-Year Composition	3	
CRE101	College Critical Reading & Critical Thinking <b>OR</b> "exempt" on placement test	0-3	
CIS233DA	Internet/Web Development Level II	3	
CIS150	Programming Fundamentals	3	
Oral Communication		3	COM100 or COM110 or COM225 or COM230
<b>Third Semester Courses</b>			
CIS126DL	Linux Operating System	3	
CIS235	e-Commerce	3	
CIS159 or CIS162 or CIS163AA	Visual Basic Programming I <b>OR</b> Any 100 level C Programming module <b>OR</b> Java Programming: Level I	3	
Humanities, Arts and Design		2-3	Any approved G.E. Humanities, Arts and Design course
CIS166AE	Web Scripting with PHP: Hypertext Preprocessor (PHP)	3	Fall Only
<b>Fourth Semester Courses</b>			
CIS117DM	Microsoft Access: Database Management	3	
CIS166AA or CIS166AC	Introduction to JavaScripting <b>OR</b> Web Scripting with Active Server Pages (ASP).NET	3	Spring Only
Natural Sciences		4	Any approved G.E. Natural Science course
Restricted Electives		3	See check sheet. Students need a total of eight credits.
<b>Fifth Semester Courses</b>			
CIS119DO or CIS217AM or CIS276++	Introduction to Oracle: SQL <b>OR</b> Advanced Microsoft Access: Database Mgt. <b>OR</b> Any Database Management Systems module	3	
CIS225AB	Object-Oriented Analysis and Design	3	Spring Only
Social-Behavioral Sciences		3	Any approved G.E. Social-Behavioral Science course

**Log in to your Student Center at [my.maricopa.edu](http://my.maricopa.edu) to view your online Degree Progress Report.**