

WEB DEVELOPMENT 2017-2018

ASSOCIATE IN APPLIED SCIENCE - SCOTTSDALE COMMUNITY COLLEGE

ACADEMIC AND CAREER ADVISEMENT CENTER – 480-423-6539 – WWW.SCOTTSDALECC.EDU/ADMISSIONS/ADVISEMENT

Name _____ Advisor _____ Date _____

Program Director: Sheila Brandt (480) 423-6256 CM406 sheila.brandt@scottsdalecc.edu major code 3031

<i>Effective First Term: FALL 2016</i>	Dept./ Course	Course Title	Credit Hours	Grade	Comments
Program Prerequisites: 0-3 credits	+CRE101	College Critical Reading I (3) OR equivalent by assessment	0-3		
Required Courses 36 Credits					
	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		
Restricted Electives 3 Credits	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		
General Education Requirements 21-24 Credits		Core: 12-14 Credits			
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		
		Distribution: 9-10 Credits			
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		
		TOTAL CREDITS	60-66		

+Course has a prerequisite

Revised 2-2018

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
First Semester Courses			
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	
Second Semester Courses			
ENG102	First-Year Composition	3	
CRE101	College Critical Reading & Critical Thinking OR "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
Third Semester Courses			
CIS126DL	Linux Operating System	3	
CIS235	e-Commerce	3	
CIS159 or CIS162 or CIS163AA	Visual Basic Programming I OR Any 100 level C Programming module OR 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
Fourth Semester Courses			
CIS117DM	Microsoft Access: Database Management	3	
CIS166AA or CIS166AC	Introduction to JavaScripting OR 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.
Fifth Semester Courses			
CIS119DO or CIS217AM or CIS276++	Introduction to Oracle: SQL OR Advanced Microsoft Access: Database Mgt. OR 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

**You can view your degree progress online on the my.maricopa.edu website.
Log-in and click Degree Progress Report.**