

COMPUTER INFORMATION SYSTEMS TECHNOLOGIES 2018-2019

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 CM-406 sheila.brandt@scottsdalecc.edu **major code 3162**

First Effective Term: SPRING 2018	Dept./ Course	Course Title	Credit Hours	Grade	Comments
Prerequisites 0-3 Credits	CRE101	College Critical Reading & Critical Thinking (3) OR Equivalent as indicated by assessment	0-3		
Required Courses 25 Credits	CIS105	Survey of Computer Information Systems	3		
	CIS117DM	Microsoft Access: Database Management	3		
	CIS121AB	Microsoft Command Line Operations	1		
	CIS133DA	Internet/Web Development Level I	3		
	+CIS150	Programming Fundamentals	3		
	+CIS159 +CIS162AD	Visual Basic Programming I (3) OR C#: Level I (3)	3		
	+CIS166 +CIS166++	Web Scripting/Programming (3) OR Web Scripting/Programming (any suffixed course) (3)	3		
	+CIS190	Introduction to Local Area Networks	3		
	+CIS225AB	Object-Oriented Analysis and Design	3		
Restricted Electives 17 Credits					
	BPC110	Computer Usage and Applications	3		
	+BPC170	A+ Exam Prep: Computer Hardware Configuration and Support	3		
	+BPC270	A+ Exam Prep: Operating System Configuration and Support	3		
	CIS114DE	Excel Spreadsheet	3		
	+CIS119DO	Introduction to Oracle: SQL	3		
	CIS120++	Computer Graphics (any suffixed course)	1		
	CIS126DL	Linux Operating System	3		
	+CIS151	Computer Game Development-Level I	3		
	+CIS162AD	C#: Level I <i>CIS162AD may be selected as a Restricted Elective if it is not used to satisfy Required Courses.</i>	3		
	+CIS163AA	Java Programming: Level I	3		
	+CIS166++	Any Web Scripting/Programming course except course used to satisfy Required Courses area	3		
	CIS175SA	Interconnecting Cisco Network Devices	3		
	+CIS217AM	Advanced Microsoft Access: Database Management	3		
	+CIS220++	Any Flash/Adobe suffixed course	3		
	CIS224	Project Management Microsoft Project for Windows	3		
	+CIS226AL	Internet/Intranet Server Administration-Linux	3		
	+CIS233DA	Internet/Web Development Level II	3		
	+CIS234	XML Application Development	3		
	+CIS235	e-Commerce	3		
	+CIS259	Visual Basic Programming II	3		
	+CIS262AD	C#: Level II	3		
	+CIS263AA	Java Programming: Level II	3		
	+CIS270	Essentials of Network and Information Security	3		
	+CIS276++	Database Management Systems (any suffixed course)	3		
	CIS280	Current Topics in Computing	3		
	+CIS290++	Computer Information Systems Internship (any suffixed course)	1-3		
	+CIS296WC	Cooperative Education	3		
	+MST+++++	Microsoft Technology (any suffixed course)	3		

General Education (G.E.) Requirements 22-24 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		Met by CRE101 or equivalent as indicated by assessment in the Program Prerequisites.	3		
Critical Reading		College Critical Reading & Critical Thinking (3) OR equivalent as indicated by assessment	0		
Mathematics		+ Any approved general education course in Mathematics area	3-5		
		Distribution: 10 Credits			
Humanities, Arts and Design		Any approved general education course from the Humanities, Arts and Design area	3		
Social-Behavioral Sciences		Any approved general education course from the Social-Behavioral Sciences area	3		
Natural Sciences		Any approved general education course from the Natural Sciences area	4		
		TOTAL CREDITS	64-69		

+Course has a prerequisite

*Not required if student classified “**exempt**” after taking placement test. **Grade of ‘C’ or better required for all courses in the AAS in Computer Information Systems. Completion of this form by an advisor is unofficial; official acceptance of all classes determined by SCC Admissions office.**

Revised 4-2018

Computer Information Systems 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		13-15	
CIS105	Survey of Computer Information Systems	3	
CIS121AB	Microsoft Command Line Operations	1	
CIS133DA	Internet/Web Development Level I	3	
ENG101 OR ENG107	First-Year Composition	3	
MAT112 or Higher	Mathematical Concepts/Applications	3-5	Any approved G.E. Mathematics course.
Second Semester Courses		12-15	
CIS117DM	Microsoft Access: Database Management	3	
CIS150	Programming Fundamentals	3	
CIS190	Introduction to Local Area Networks	3	
CRE101	College Critical Reading & Critical Thinking (3) OR "exempt" on placement test	0-3	
Oral Communication		3	Any approved G.E. Oral Communication course
Third Semester Courses		15	
CIS159 OR CIS162AD	Visual Basic Programming I (3) OR C#: Level I (3)	3	
ENG102 OR ENG108	First-Year Composition	3	
Social-Behavioral Sciences		3	Any approved G.E. Social-Behavioral Science course
Restricted Elective		6	See check sheet for Restricted Elective course list
Fourth Semester Courses		15	
CIS166 OR CIS166++	Web Scripting/Programming (3) OR Web Scripting/Programming (any suffixed course) (3)	3	
CIS225AB	Object-Oriented Analysis and Design	3	Available Spring Only
Humanities, Arts and Design		3	Any approved G.E. Humanities, Arts and Design course
Restricted Elective		6	See check sheet for Restricted Elective course list
Fifth Semester Courses		9	
Natural Sciences		4	Any approved G.E. Natural Science course
Restricted Electives		5	See check sheet for Restricted Elective course list

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