

Crafton Hills College
Certificate of Achievement
COMPUTER INFORMATION SYSTEMS
2016-2017

Student Name: _____

ID #: _____

Date: _____

Counselor: _____

The objective of this certificate is to provide students the knowledge and skills necessary for employment in entry-level positions in the field of Computer Information Systems. The certificate indicates that the student has acquired knowledge of the different aspects of information technology including programming, hardware, networking, databases, and web design.

Certificate Requirements:

Students intending to earn a certificate from Crafton Hills College must complete no less than 50 percent of the courses required for the certificate in residence at Crafton Hills College and must earn a "C" or better in all coursework required as a part of the certificate.

Completion of the following 28 units qualifies the student for the Computer Information Systems Certificate:

Required Courses:		Units	IP	Need	Grade
CIS 101 or BUSAD 230	Introduction to Computer and Information Technology or Using Computers for Business	3			
CIS 104 or CIS 113 or CIS 114 or CSCI 110	Object Oriented Programming with Visual Basic or Java Programming or C++ Programming I or Introduction to Computer Science I	3			
CIS 111	Web Page programming and Design	3			
CIS 130	Hardware and Information Technology	3			
CIS 140	Introduction to Networks (Cisco CCNA 1)	4			
Total Required Units:		16			

Complete at least twelve (12) additional units from the following courses:		Units	IP	Need	Grade
CIS 104	Object Oriented Programming with Visual Basic	3			
CIS 113	Java Programming	3			
CIS 114 or CSCI 110	C++ Programming I or Introduction to Computer Science I	3			
CIS 116 or CSCI 120	C++ Programming II or Introduction to Computer Science II	3			
CIS 141	Basic Routing and Switching (Cisco CCNA2)	4			
CIS 161	Website Design and Programming Using Dreamweaver	3			
CIS 163	Introduction to Photoshop	3			
CIS 211	Cascading Style Sheet (CSS) Web Design	3			
Total Additional Emphasis Units:		12			

Total Required and Additional Units:	28				
---	-----------	--	--	--	--