Crafton Hills College
Certificate of Achievement
COMPUTER INFORMATION SYSTEMS
2015-2016

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:					

	Units	IP	Need	Grade
Total Required and Additional Units:	**28**			