

**TECHNICAL CERTIFICATE WORKSHEET
COMPUTER INFORMATION SYSTEMS
Emphasis in PROGRAMMING**

Courses prerequisite to another class require a minimum grade of "C" in order to advance to the next course.

Section Completed	Completed	Discipline	Class #	Class Name	Hours
Mathematics - 2 Credit Hours Total					
Required course.					
<input type="checkbox"/>	<input type="checkbox"/>	CIS	1031	Computer Math Prerequisite: ACT score of 18 or equivalent COMPASS test score, or completion of Foundations of College Math 1	1
Major Specific Courses - 30 Credit Hours Total					
All of the following courses are required					
<input type="checkbox"/>	<input type="checkbox"/>	CIS	1013	Information Systems I Prerequisites: OFAD 1103 Keyboarding I; CIS 1001 Intro to Computing, or competency test	3
	<input type="checkbox"/>	CIS	2013	Information Systems II Prerequisite: CIS 1013 Info Systems I	3
	<input type="checkbox"/>	CIS	1243	Microcomputer Hardware Maintenance I Pre- or corequisite: CIS 1013 Info Systems I or instructor approval	3
	<input type="checkbox"/>	CIS	1033	Programming I (Visual C# I) Corequisites: CIS 1031 Computer Math	3
	<input type="checkbox"/>	CIS	1043	Programming II (Visual C# II) Prerequisite: CIS 1033 Programming I	3
	<input type="checkbox"/>	CIS	1913	HTML Pre- or corequisite: CIS 1013 Info Systems I	3
	<input type="checkbox"/>	CIS	1053	Network Communications I Prerequisites: CIS 1243 Microcomputer Hardware Maintenance I	3
	<input type="checkbox"/>	CIS	1933	Web Design (ASP.net) Prerequisites: CIS 1033 Programming I (Visual C# 1) and CIS 1043 Programming II (Visual C# 2)	3
	<input type="checkbox"/>	CIS	2083	Java Script Prerequisite: CIS 1903 Web Design or CIS 1913 HTML or CIS 2513 Web Development or instructor permission	
	<input type="checkbox"/>	CIS	2173	Programming with Mobile Applications Prerequisite: CIS 1033 Programming I and CIS 1043 Programming II	3

Minimum Total Credit Hours: **31**