2013-14
52.1201/0290

This worksheet is to be used as a guide and may be subject to change without prior notice.
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1 of 2
Updated 5/7/2013

ASSOCIATE OF APPLIED SCIENCE DEGREE 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 - 4 Credit Hours Total					
Both courses are required					
☐	☐	CIS	1031	**Computer Math** Prerequisite: ACT score of 18 or above or equivalent COMPASS test score, or completion of Foundations of College Math 1	1
	☐	MATH	1053	**Applied Mathematics** Prerequisite: ACT math score of 18 or equivalent score on COMPASS or completion of Foundations of College Math 1	3
English/Communications - Section I - 3 Credit Hours Total					
Select one of the following courses					
☐	☐	ENG	1113	**English Composition I** Prerequisite: Compliance with NPCC placement standards	3
	☐	OFAD	1133	**Business English**	3
English/Communications - Section II - 3 Credit Hours Total					
Select one of the following courses					
☐	☐	ENG	1123	**English Composition II** Prerequisite: ENG 1113 English Composition I	3
	☐	BUS	2033	**Business Communications** Prerequisite: OFAD 1133 Business English; CIS 1013 Information Systems I or OFAD 1083 Word Processing I	3
Social Science - 3 Credit Hours Total					
Select one of the following courses					
☐	☐	HIST	2223	**United States History To 1865**	3
	☐	HIST	2233	**United States History Since 1865**	3
	☐	POLS	1113	**American National Government**	3
	☐	PSYC	1103	**General Psychology**	3
	☐	SOC	1103	**Introduction to Sociology**	3

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Section Completed	Completed	Discipline	Class #	Class Name	Hours
CIS Core Courses - Section II - 48 Credit Hours Total					
All of the following courses are required					
☐	☐	CIS	1013	**Information Systems I** Prerequisites: OFAD 1103 Keyboarding, or equivalent; CIS 1001 Intro to Computing I, or competency test	3
	☐	CIS	1033	**Programming I (Visual C# I)** Corequisite: CIS 1031 Computer Math	3
		CIS	1043	**Programming II (Visual C# II)** Prerequisite: CIS 1033 Programming I	3
	☐	CIS	1053	**Network Communications I** Prerequisites: CIS 1243 Microcomputer Hardware Maintenance I	3
	☐	CIS	1243	**Microcomputer Hardware Maintenance I** Pre- or corequisite: CIS 1013 Info Systems I or instructor approval	3
	☐	CIS	1813	**Computer Law and Ethics**	3
	☐	CIS	1913	**HTML** Pre- or corequisite: CIS 1013 Info Systems I	3
	☐	CIS	1933	**Web Design (with Visual C#/ASP.net)** Prerequisites: CIS 1033 Programming I (Visual C# 1) and CIS 1043 Programming II (Visual C# II)	3
	☐	CIS	1943	**Microsoft SQL** Prerequisites: CIS 1033 Programming I (Visual C# I), CIS 1043 Programming II (Visual C# II)	3
		CIS	2013	**Information Systems II** Prerequisite: CIS 1013 Info Systems I	3
	☐	CIS	2083	**Java Script Programming** Prerequisite: CIS 1903 Web Design or CIS 1913 HTML or CIS 2513 Web Development or instructor permission	3
	☐	CIS	2163	**MS Essentials** Prerequisite: CIS 2143 Microcomputer Hardware Hardware Maintenance II	3
	☐	CIS	2173	**Programming with Mobile Applications** Prerequisites: CIS 1033 Programming I (Visual C# 1) and CIS 1043 Programming II (Visual C# II)	3
	☐	CIS	2313	**Security Design** Prerequisites: CIS 1053 Network Communications I and CIS 1243 Microcomputer Hardware Maintenance I	3
	☐	CIS	2943	**Web Design with Database Integration** Prerequisites: CIS 1033 Programming I (Visual C# I), CIS 1043 Programming II (Visual C# II), CIS 1933 Web Design (with Visual C#/ASP.net), CIS 1943 Microsoft SQL	3
	☐	CIS	2903	**Internship**	3

Minimum Total Credit Hours: **61**

The Associate of Applied Science Degree is designed for employment purposes, and it should not be assumed that the degree or the courses in the degree can be transferred to another institution. While some institutions do accept some courses in A.A.S. Programs, the general rule is that courses in A.A.S. Degrees are not accepted toward bachelor's degrees. Students to whom transfer is important should get assurance in writing in advance from the institution to which they wish to transfer.