NorthWest Arkansas Community College

Associate of Applied Science Degree Requirements in Computer Information Systems

Major Emphasis: Computer Programming Option*

Last Name	First Name	Mid. Initial	Student ID

***CHECK THE CATALOG FOR PREREQUISITES BEFORE ENROLLING IN A CLASS**

POSSIBLE PLACEMENT REQUIREMENTS

(these hours will not transfer to a four-year institution):

			Name of Placement Test	Score
MATH	0013	Prealgebra		
MATH	0053	Beginning Algebra*		
MATH	0103	Intermediate Algebra*		
READ	0003	Preparing for College Reading		
READ	0033	College Reading*		
ENGL	004V	Foundations of Writing		
ENGL	0053	Beginning Writing*		
ENGL	0063	Intermediate Writing*		

RECOMMENDED SEQUENCE			DATE COMPLETED	PREREQUISITE (see catalog)	GRADE
GENERAL EDUCATION REQUIRED COURSES (16 Hours)					
CISQ	1103	Introduction To Computer Information			
ENGL	1013	English Composition I			
ENGL	1023	English Composition II **OR**			
ENGL	2013	Technical Writing			
MATH	1204	College Algebra			
XXXX	XXX3	Social/Behavioral Science Elective			
GENERAL BUSINESS REQUIRED COURSES (12 Hours)					
ACCT	2013	Principles of Accounting I			
BLAW	2013	Legal Environment of Business I			
ECON	2013	Macroeconomics **OR**			
ECON	2023	Microeconomics			
OSIM	1103	Business Communications			
GENERAL BUSINESS ELECTIVE COURSES (12 Hours)					
ACCT	2023	Principles of Accounting II			
CISM	1203	Internet Resourcing (recommended for Web Development Option)			
CISM	1303	Operating Systems (Windows)			
CISM	1313	Operating Systems (UNIX)			
CISM	1503	Spreadsheet Analysis (Excel)			
CISM	2503	Advanced Spreadsheet (EXCEL)			
CIS**	2243	Networking **OR**			
NTWK	2013	Networking & Information Systems			
CIS**	2123	System Analysis			
COMPUTER INFORMATION SYSTEMS REQUIRED COURSES (24 Hours)					
Programming Core (12 Hours)					
CISM	1403	Database Management (Access)			
CIS**	2023	Program Design **OR**			
PROG	1003	Introduction to Programming Logic			
PROG	1103	VISUAL Basic Programming			
BADM	2703	Internship Experience			
Track A) Application Development - Required Courses (12 Hours from)					
PROG	1203	C++ Programming			
PROG	1403	JAVA Programming			
PROG	1503	COBOL Programming			
PROG	2303	Web Server-Side Programming			
PROG	28xx	Advanced Programming Topics			
Track B) Web Development - Courses (12 Hours from)					
ART	1313	Design I			
CISM	1243	Introduction to Web Animation			
CISM	2123	Web Page Design			
CISM	1223	Photoshop			
CISM	2133	Intermediate Web Page Design			
CISM	2213	Advanced Web Page Design			

PROG	1303	Web Client-Side Programming			
PROG	2303	Web Server-Side Programming			
NTWK	2243	Securing E-Commerce			
CISM	2223	Advanced Photoshop			

Track C) Database Development - Courses (12 hours from)

CISM	1423	Database Concepts			
CISM	1433	SQL Concepts			
CISM	2403	Advanced DataBase Management			
CISM	2413	Database Integration with VBA			
PROG	1303	Web Client-Side Programming			

64 hours TOTAL

**Courses offered through Northwest Technical Institute

(Not all courses are available each semester; consult catalog to aid in planning.)

1 FY 2006-2007 Changes (Effective 2007-2008 Degree)
2 FY 2007-2008 Changes (Effective 2008-2009 Degree)

15 Hours must be earned at NWACC to graduate

My advisor has explained this degree plan and I understand that I am responsible for following the above guidelines as defined in the college catalog for course prerequisites.

Advisor's Signature: _____ **Date:** _____

Student's Signature: _____ **Date:** _____