

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):

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*

Name of Placement Test	Score
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

RECOMMENDED SEQUENCE

	DATE COMPLETED	PREREQUISITE (see catalog)	GRADE
GENERAL EDUCATION REQUIRED COURSES (16 Hours)			
CISQ 1103 Introduction To Computer Information OR Computer Proficiency	_____	_____	_____
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	_____	_____	_____

**See Options Below*

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 (9 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)	_____	_____	_____
NTWK 2013 Networking & Information Systems	_____	_____	_____

COMPUTER INFORMATION SYSTEMS REQUIRED COURSES (24 Hours)

Programming Core (12 Hours)

CISM 1403 Database Management (Access)	_____	_____	_____
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	_____	_____	_____

OR:

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 _____

OR:

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 _____

61 Hours Total

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

Revised 1/2012

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

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

***Social/Behavioral Science Elective options: ANTH 1023, CMJS 2013, ECON 2013, ECON 2023, GEOG 1003, GEOG 1123, HIST 1003, HIST 1013, HIST 1033, HIST 1043, HIST 2003, HIST 2013, PHIL 2003, PHIL 2033, PLSC 2003, PLSC 2203, PLSC 2803, PSYC 2003, PSYC 2103, SOCI 2013, SOCI 2033, SOCI 2043.**

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: _____