

NorthWest Arkansas Community College
2015 Associate of Applied Science Degree Requirements in Computer Information Systems
Major Emphasis: Computer Programming Option*

CHECK THE CATALOG FOR PREREQUISITES BEFORE ENROLLING IN A CLASS

POSSIBLE PLACEMENT REQUIREMENTS		
(These hours will not transfer to a 4 year institution)		
MATH	0013	PreAlgebra
MATH	0053	Beginning Algebra
MATH	0103	Intermediate Algebra
READ	0033	College Reading
ENGL	0063	Intermediate Writing

Placement Test	Score

RECOMMENDED SEQUENCE

GENERAL EDUCATION REQUIRED COURSES (16 Hours)			DATE COMPLETED	PREREQUISITE (see catalog)	GRADE
CISQ	1103	Introduction to Computer Information OR Computer Proficiency Exam	_____	_____	_____
ENGL	1013	English Composition I	_____	_____	_____
ENGL	1023	English Composition II OR	_____	_____	_____
ENGL	2013	Technical Writing	_____	_____	_____
MATH	1203	College Algebra - Accelerated OR	_____	_____	_____
MATH	1204	College Algebra OR	_____	_____	_____
MATH	1204R	College Algebra w/Review	_____	_____	_____
XXXX	XXX3	Social/Behavioral Science Elective	_____	_____	_____

*See Options Below

GENERAL BUSINESS REQUIRED COURSES (12 Hours)			DATE COMPLETED	PREREQUISITE (see catalog)	GRADE
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)			DATE COMPLETED	PREREQUISITE (see catalog)	GRADE
ACCT	2023	Principles of Accounting II	_____	_____	_____
CISM	1203	Internet Resourcing (Recommended for Web Development)	_____	_____	_____
CISM	1303	Operating Systems (Windows)	_____	_____	_____
CISM	1313	Operating Systems (UNIX)	_____	_____	_____
CISM	1503	Spreadsheet Analysis (EXCEL)	_____	_____	_____
CISM	2503	Advanced Spreadsheet (EXCEL)	_____	_____	_____
NTWK	2013	Networking and Information Systems	_____	_____	_____

COMPUTER INFORMATION SYSTEMS REQUIRED COURSES (24 Hours)			DATE COMPLETED	PREREQUISITE (see catalog)	GRADE
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 - (12 Hours from)			DATE COMPLETED	PREREQUISITE (see catalog)	GRADE
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 (12 Hours from)			DATE COMPLETED	PREREQUISITE (see catalog)	GRADE
ART	1313	Design I	_____	_____	_____
CISM	1243	Introduction to Web Animation	_____	_____	_____

CISM	2123	Web Page Design	_____	_____	_____
CISM	1223	Photoshop	_____	_____	_____
CISM	2133	Intermediate Web Page Desgin	_____	_____	_____
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 (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	_____	_____	_____

OR

Track D) Mobile Applications Development (12 Hours)

PROG	2503	iOS Application Development	_____	_____	_____
PROG	2513	iOS Advanced Application Development	_____	_____	_____
PROG	2603	Android Application Development	_____	_____	_____
PROG	2613	Advanced Android Application Development	_____	_____	_____

61 Hours Total

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

*Social/Behavioral Science Elective options: ANTH 1023, CMJS 2013, ECON 2013, ECON 2023, GEOG 1123, GEOG1003, HIST 1003, HIST1013, HIST1043, HIST 2003, HIST 2013, PHIL2003, PHIL203.3, PLSC2803, PSYC2003, PSYC2103, SOCI2013, SOCI2033, SOCI2043.

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: _____