NORTHEASTERN OKLAHOMA A&M COLLEGE

COMPUTER INFORMATION SYSTEMS

PROGRAM REQUIREMENTS	43

Technical/Occupational Specialty   24

ACCT 2103 Financial Accounting...................................	3
CS 1373 Network Operating Systems.............................	3
^ CS 2023 Advanced BASIC Programming.....................	3
^+ CS 2103 Computer Concepts...................................	3
^ CS 2134 BASIC Programming Language......................	4
^ CS 2303 Database Programming I.............................	3
^ CS 2424 Systems Design & Development...................	4
FYE 1011 Freshman Year Experience............................	1

Technical/Occupational Support   19

^ CS 1743 Multimedia Computing................................	
*^ CS 2043 Database Programming II...........................	
*^ CS 2054 Web Database Systems..............................	
^ CS 2143 Programming in "C".....................................	
*^ CS 2173 JAVA Programming....................................	
*^ CS 2423 Telecommunications & Networking............	
*^ CS 2433 Advanced Networking................................	
^ MIS 2133 Web Page Development.............................	
OIS 2033 Excel Spreadsheets......................................	
*^ OIS 2503 Microsoft Office..	
OIS 2523 Microsoft Word..	

SUGGESTED COURSE SEQUENCE

Credit Hours

FIRST SEMESTER	11
FYE 1011 Freshman Year Experience............................	1
^ CS 2134 BASIC Programming Language......................	4
ACCT 2103 Financial Accounting...................................	3
^+ CS 2103 Computer Concepts...................................	3

SECOND SEMESTER	15
CS 1373 Network Operating Systems.............................	3
^ CS 2023 Advanced BASIC Programming.....................	3
Technical/Occupational Support Electives....................	9

THIRD SEMESTER	9
^ CS 2303 Database Programming I.............................	3
Technical/Occupational Support Electives....................	6

FOURTH SEMESTER	8
^ CS 2424 Systems Design & Development...................	4
Technical/Occupational Support Elective......................	4

The above list is a **suggested course sequence only**. Students may, with guidance from academic advisor make changes to course sequence. Students should be aware that **changes to the course sequence may require more than four semesters to complete their degree.**

PROGRAM OVERVIEW

This Computer Science curriculum is designed to provide an option for students to transfer to a university or seek immediate employment upon graduation. Emphasis will be placed on computer software design which requires knowledge of programming, operating systems, and database management systems. For more information contact the Computer Science Program at (918) 540-6284 or email: business@neo.edu.

CAREER OPPORTUNITIES
Network Administrator
Hardware Support Specialists
Software Support Specialists
Database Administrator
Systems Programmer

KEY

* Prerequisite

\# Prerequisite or co-requisite

^ Not offered every semester

+ Must include computer proficiency as
   General Ed. or Technical Support elective

General College Preparatory Requirements

NEO evaluates students for placement into their transitional or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by ACT test scores or by CPT test scores. These tests are administered in the Testing Centers at NEO College. Based upon these scores, some or all of the following courses may need to be taken prior to enrollment in the college level course.

MATH 0013 Basic Math   MATH 0113 Introductory Algebra   MATH 0123 Intermediate Algebra   MATH0125 Intermediate Algebra with Review

ENGL 0123 Basic Composition   CIED 0133 Improved Reading

SCIENCE: A student may be required to complete MATH 0123 or higher and/or CIED 0133 before enrolling in a college-level scinece course.