

NORTHEASTERN OKLAHOMA A&M COLLEGE

COMPUTER INFORMATION SYSTEMS

PROGRAM REQUIREMENTS	64	SUGGESTED COURSE SEQUENCE	PROGRAM OVERVIEW
General Education Requirements	21	FIRST SEMESTER	The 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 .
ENGL 1113 English Composition I.....	3	Credit Hours 17 FYE 1011 Freshman Year Experience..... 1 ^+ CS 2103 Computer Concepts..... 3 ENGL 1113 English Composition I..... 3 HIST 1483 or 1493 American History..... 3 MATH 1513 College Algebra..... 3 ECON 2013 Introduction to Macroeconomics..... 3 ^ CS 2134 BASIC Programming Language..... 4	
Technical/Occupational Specialty	37	SECOND SEMESTER	CAREER OPPORTUNITIES Network Administrator Hardware Support Specialists Software Support Specialists Database Administrator Systems Programmer
FYE 1011 Freshman Year Experience.....	1	* ENGL 1213 English Composition II..... 3 POLS 1113 American Government..... 3 CS 1373 Network Operating Systems..... 3 ^ CS 2143 Programming in "C"..... 3 ^ CS 2023 Advanced BASIC Programming..... 3 *^ CS 2043 Database Programming II..... 3 *^ CS 2054 Web Database Systems..... 4 ^ CS 2134 BASIC Programming Language..... 4 ^ CS 2143 Programming in "C"..... 3 *^ CS 2173 JAVA Programming..... 3 ^ CS 2303 Database Programming I..... 3 ^ CS 2424 Systems Design & Development..... 4	
Technical/Occupational Support	6	THIRD SEMESTER	KEY * Prerequisite # Prerequisite or co-requisite ^ Not offered every semester + Must include computer proficiency as General Ed. or Technical Support elective
+ CS 1103 Computers in Society.....		FOURTH SEMESTER 17 * ACCT 2203 Managerial Accounting..... 3 *^ CS 2043 Database Programming II..... 3 *^ CS 2054 Web Database Systems..... 4 ^ CS 2424 Systems Design & Development..... 4 Technical/Occupational Support Elective..... 3	
		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.	

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 ENGL 0123 Basic Composition CIED 0133 Improved Reading
 SCIENCE: A student may be required to complete MATH 0123 or above and/or CIED 0133 before enrolling in a college-level science course.