

# Computer Information Technology (A25260)

**1<sup>st</sup> Semester  
Fall  
(15 Credit Hrs.)**

**2<sup>nd</sup> Semester  
Spring  
(18 Credit Hrs.)**

**3<sup>rd</sup> Semester  
Summer  
(6 Credit Hrs.)**

**4<sup>th</sup> Semester  
Fall  
(18 Credit Hrs.)**

**5<sup>th</sup> Semester  
Spring  
(15 Credit Hrs.)**

## 1. Communication Courses

ENG 111 (3)  
Expository Writing

ENG 112 (3)  
Argument-Based Research  
OR  
ENG 113 (3)  
Literature-Based Research  
OR  
ENG 114 (3)  
Professional Research &  
Reporting

COM 110 (3)  
Intro to Communication  
OR  
COM 120 (3)  
Intro to Interpersonal  
Communications  
OR  
COM 231 (3)  
Public Speaking

## 2. Mathematics & Accounting Courses

Mathematics Elective  
(3 Credit Hrs.)

ACC 120 (3)  
Principles of Accounting

## 3. Social Sciences & Humanities

Behavioral & Social  
Sciences Elective  
(3 Credit Hrs.)

Humanities and  
Fine Arts Elective  
(3 Credit Hrs.)

## 4. Technical Content

CIS 115 (3)  
Intro to Programming  
& Logic

CIS 110 (3)  
Introduction to  
Computers

DBA 110 (3)  
Database Concepts

CTS 120 (3)  
Hardware/Software  
Support

CTS 115 (3)  
Information Systems  
Business Concepts

NET 110 (3)  
Networking Concepts  
OR  
NET 125 (3)  
Networking Basics

SEC 110 (3)  
Security Concepts

NOS 110 (3)  
Operating Systems  
Concepts

NOS 130 (3)  
Windows Single User

CTS 285 (3)  
Systems Analysis &  
Design

CTS 289 (3)  
System Support Project

DBA 115 (3)  
Database Applications

DBA 120 (3)  
Database Programming I

**\*Must select one**

Technical Elective  
(3) Credit Hrs.  
See list below

Technical Elective  
(3) Credit Hrs.  
See list below

WEB 110 (3)  
Intro to the Internet

CSC 134 (3)  
C++ Programming  
OR  
CSC 139 (3)  
Visual Basic  
Programming  
OR  
CSC 151 (3)  
JAVA Programming

NOS 230 (3)  
Windows Admin I

### Legend:

→ Prerequisites

### Notes:

ENG 111 is a prerequisite for ENG 112, ENG 113, & 114  
CIS 110 or CIS 115 is a prerequisite for DBA 110  
CIS 110 is a prerequisite for DBA 112 & CTS 120  
CIS 115 is a prerequisite for DBA 110 & CTS 285  
CTS 285 is a prerequisite for CTS 289  
DBA 110 is a prerequisite for DBA 115  
DBA 110 or DBA 115 is a prerequisite for DBA 120  
NOS 110 is a prerequisite for NOS 130  
NOS 130 is a prerequisite for NOS 230  
() denotes credit hours per course

### Technical Electives

CIS 245 Operating Systems Multi-user  
NOS 120 Linux/UNIX Single User  
CSC 234 Advanced C++ Programming  
CSC 239 Advanced Visual BASIC Programming  
COE 111 Cooperative Work Experience I  
COE 112 Cooperative Work Experience I  
CTS 125 Presentation Graphics  
CTS 240 Project Management  
WEB 140 Web Development Tools  
WEB 180 Active Server Pages  
WEB 210 Web Design