

# Information Systems Security (A25270)

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

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

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

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

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

## 1. Communication Courses

ENG 111 (3)  
Expository Writing

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

COM 110 (3)  
Intro to Communication

## 2. Mathematics & Accounting Courses

Mathematics Elective  
(3 Credit Hrs.)

## 3. Social Sciences & Humanities

Behavioral & Social  
Sciences Elective  
(3 Credit Hrs.)

Humanities and  
Fine Arts Elective  
(3 Credit Hrs.)

## 4. Technical Content

CIS 110 (3)  
Introduction to  
Computers

NOS 110 (3)  
Operating Systems  
Concepts

NET 125 (3)  
Networking Basics

NET 126 (3)  
Routing Basics

SEC 110 (3)  
Security Concepts

NOS 120 (3)  
Linux/UNIX Single User

NOS 130 (3)  
Windows Single User

NET 225 (3)  
Routing and Switching I

NET 226 (3)  
Routing and Switching 2

CIS 115 (3)  
Intro to Programming  
& Logic

SEC 150 (4)  
Secure Communications

SEC 160 (4)  
Secure Administration I

SEC 220 (4)  
Defense-in-Depth

DBA 110 (3)  
Database Concepts

SEC 210 (3)  
Intrusion Detection

SEC 289 (3)  
Security Capstone Project

CTS 115 (3)  
Information Systems  
Business Concepts

**Legend:**  
→ Prerequisites

**Notes:**  
CIS 110 or CIS 115 is a prerequisite for DBA 110  
NET 125 is a prerequisite for NET 126  
NET 126 is a prerequisite for NET 225  
NET 225 is a prerequisite for NET 226  
NOS 110 is a prerequisite for NOS 120 & NOS 130  
NOS 130 is a prerequisite for SEC 160 & SEC 220  
SEC 110 and SEC 220 is a prerequisite for SEC 150  
SEC 150 is a prerequisite for SEC 210  
SEC 210 is a prerequisite for SEC 289  
() denotes credit hours per course