Course Title	**COMPUTER NETWORK SECURITY**
Course Code	**CSC 416**
Course Purpose and Objectives	The purpose of this course is to provide students advanced knowledge on the latest developments in computer network security. Students will be able to analyze central problems that confront security designers and security administrators and explain the threats to computer and network system, evaluate the relative risks of these threats and develop cost-effective and user friendly countermeasures.
Learning Outcomes	1. Discuss the basic issues related to authentication and access control and evaluate their application in specific areas of computer security. 2. Explain alternative approaches to meet specific computer security requirements. 3. Discuss the related standards in regards of the current status and future direction of technology. 4. Analyze real-world examples and develop practical applications in a real - world environment.
Course Content	- Computer Network Security - Computer Security Technology - Software and System Security - Management Issues - Cryptographic Algorithms - Network Security - Laboratory Work