



# Course Competency Report by Code

Code: C178

## Network and Security - Applications (C178)

Course of Study: C178 - Network and Security - Applications  
Course Level: Undergraduate  
Course Division: Lower Division Major  
Discipline: Information Technology  
Course Type:  
Department: Information Technology

COMPETENCY #	COMPETENCY NAME	COMPETENCY TEXT
419.2.1	Basic Security Concepts	The graduate identifies and discusses basic concepts of security and security threats, and recommends security procedures.
419.2.2	Access Control & Authentication Methods	The graduate recommends appropriate methods for controlling accessing data and information and for authenticating users and groups in gaining that access.
419.2.3	Security for Network Infrastructure	The graduate identifies security needs and recommends appropriate security practices for network infrastructures.
419.2.4	Encryption	The graduate identifies and explains the role of encryption in network security.
419.2.5	Security for Organizational Operations	The graduate explains and makes recommendations for appropriate security strategies and procedures for organizational operations.
419.2.6	Security Assessments & Audits	The graduate evaluates risks associated with network security and recommends monitoring strategies and methods.