



Course Competency Report by Code

Code: BFC2

Network Security Challenges (BFC2)

Course of Study: BFC2 - Applications in Network Security Challenges
Course Level: Graduate
Course Division: First Year Master's
Discipline: Information Technology
Course Type:
Department: Information Technology

COMPETENCY #	COMPETENCY NAME	COMPETENCY TEXT
435.1.1	The Role of Security	The graduate recommends policies and systems that ensure the integrity of network security within an organization.
435.1.2	Communicating with Management	The graduate recommends upper management communication plans to acquire support for security initiatives.
435.1.3	Communicating with Users	The graduate selects appropriate end-user training methodologies to increase network security awareness in a given organization.
435.1.4	Network Traffic	The graduate analyzes network traffic, data, and performance benchmarks to support security initiatives.
435.1.5	Keeping Updated	The graduate applies strategies designed to maintain awareness of plausible threats to organizational network infrastructure.
435.1.6	Risk Assessment	The graduate prioritizes network security threats using an established risk assessment methodology.
435.1.7	Mitigation	The graduate recommends specifications necessary to the design of security mechanisms for mitigating a variety of security vulnerabilities.
435.1.8	Working with Partners	The graduate recommends solutions to mitigate risks inherent in connecting to external networks.
435.1.9	Wireless	The graduate justifies procedures for wireless network connectivity that specify wireless encryption, authentication and control.