APPROVED

IT8303 : Computer Networking 3

Course Details

Course Code:	IT8303
Course Title:	Computer Networking 3 APPROVED
Short Title:	
Course Level::	Level 8
Valid From::	2016/2017 Sem 1

Credits::	15

Owner:	ICT

Assessment Method:	Achievement

Course Aim	
	To introduce the core security concepts and skills needed for the installation, troubleshooting, and monitoring of network devices to maintain the integrity, confidentiality, and availability of data and services.

CILO	
On Completion of this course, the learner will be able to	
#	**Learning Outcome Description**
1	Describe the security threats facing modern network infrastructures.
2	Secure network device access and implement AAA on network devices.
3	Analyse threats and mitigate attacks to networks using various techniques.
4	Design and implement secure network management and reporting, and administer effective security policies.
5	Design and implement systems using the Cisco IOS firewall and IPS feature sets.
6	Design and implement site-to-site IPSec VPNs.

Requisites
• Pre Requisite: IT7003 (ITB6003)

Examinations
Assessment Type Examination (Practical)

Other Controlled Assessments
Assessment Type Multiple-choice test

Uncontrolled Assessments
Assessment Type Practical Project

Affiliated Entities

Entity Code	Entity Title	Entity Version	Entity Type
None			