

NITEC IN TECHNOLOGY – INFOCOMM TECHNOLOGY

Course Code: NTICT / Plan Code: NTICT

COURSE OBJECTIVE

This course equips students with skills and knowledge to set up, maintain and troubleshoot end-user computing devices, network, server and application in a hybrid infrastructure environment to ensure smooth operations of all infocomm hardware and software in the organisation.

COURSE STRUCTURE

S/N	Module Details	Module Code	Module Objectives
M1	IT Essentials and PC Support 60 hrs (T) 60 hrs (P) Credits: 7 Prerequisite: Nil	IT2034FP	On completion of the module, students should be able to set up, install and maintain computer hardware and operating system. They will learn to troubleshoot hardware and software problems.
		Equivalent Codes IT2018PA IT2101FP IT2101FPR	
M2	Networking Essentials 60 hrs (T) 60 hrs (P) Credits: 7 Prerequisite: Nil	IT2035FP	On completion of the module, students should be able to set up, configure, maintain and troubleshoot network system, and build peer-to-peer and wireless network for small office environment. They should be able to provide network support and configure network devices such as switches, routers and wireless access points.
		Equivalent Codes IT2020PA IT2103FP IT2103FPR	
M3	Internetworking Technology 60 hrs (T) 60 hrs (P) Credits: 7 Prerequisite: Advised to complete IT2035FP	IT2036FP	On completion of the module, students should be able to configure and implement routing protocols used in Local Area Network (LAN) as well as troubleshoot basic routing issues.
		Equivalent Codes IT3020PA IT3101FP	
M4	Server Essentials 60 hrs (T) 60 hrs (P) Credits: 7 Prerequisite: Nil	IT2037FP	On completion of the module, students should be able to install, configure and manage administration of server operating systems, servers and services. They should also be able to perform backup and recovery of systems files and configurations as well as monitor system performance.
		Equivalent Codes IT3021PA IT2104FP IT2104FPR	
M5	Internet Applications 24 hrs (T) 96 hrs (P) Credits: 6 Prerequisite: Nil	IT3034FP	On completion of this module, students should be able to install, configure and maintain web servers and browsers. They will learn to create simple web pages using authoring tools. They should also be able to develop and deploy web applications.
		Equivalent Codes IT2021PA IT2102FP IT2102FPR	

Abbreviations: T – Theory, P – Practical

CREDITS FOR CERTIFICATION

Total of 34 credits from successful completion of 5 modules.

VENUE

ITE College Central, ITE College West

Note:

- 1) The training schedule of lessons is subject to change.
- 2) Depending on demand, not all the modules in the CET *Nitec* in Technology courses will be offered in each intake. Where the modules are offered and there is insufficient enrolment, the classes will be cancelled and a full refund will be given to the affected students.