Module Synopsis

- **Specialist Diploma in Cyber Security Management**
- **Work-Study Post-Diploma (Specialist Diploma in Cyber Security Management)**

PDC 1:	**Post-Diploma Certificate in Infocomm Security & Defences**	**(135 hours)**
1.	**IT8001: Infocomm Security & Network Essentials**	**(45 hours)**
	This module introduces participants to the fundamental concepts of infocomm security such as identification, authentication, authorisation, integrity and confidentiality. Participants will also learn security essentials like network protocols and basic operating system commands.	
2.	**IT8002: Cyber Defence & Range Exercises**	**(90 hours)**
	This module introduces participants to tools to discover and exploit vulnerabilities in networks and operating systems. They will be taught the security issues found in software, especially web applications. Security components like firewalls and IDS (Intrusion Detection Systems) will also be introduced as countermeasures to defend against cyber-attacks. Participants will have the opportunity to integrate the knowledge and technical skills learned by taking part in scenario-based exercises.	

PDC 2:	**Post-Diploma Certificate in Security Incident Management**	**(135 hours)**
1.	**IT8005: Digital Forensics & Investigation**	**(57hours)**
	This module equips participants with the fundamental concepts and techniques of computer and mobile forensics. Participants will learn to acquire, analyse and present computer and mobile data as evidence.	
2.	**IT8006: Security Policy & Incident Management**	**(78 hours)**
	This module equips participants with the fundamental concepts and techniques of Security Information and Event Management (SIEM). Participants will also learn the essentials of security policy development, risk assessments and security models.	