

Module Code	ACCA4029
Title	Cyber Security Essentials
Date	01/12/2020
Level	4
Credits	10
Pre-Requisites	None

AIM(S)

- Students will learn how to protect their personal privacy and business information

LEARNING OUTCOMES

Upon the successful completion of this module, the student should be able to:

- Demonstrate essential skills and an understanding of trends, threats and countermeasures for safer online and communication at workplace.

INDICATIVE CONTENT

- Basics of information security
- Cyber Security – the need, attacks, concepts and techniques.
- Data protection and Privacy.
- Security, personal firewalls, anti-virus software and software patches.
- Most common threats, attacks and vulnerabilities
- Securing devices, information and users
- Disposing of computer equipment, environmental, privacy and security implications
- Basics of VPN

Study Time Allocation

The study time for the module is divided as follows:

Activity type	Hours	Percentage
Scheduled learning	24	24%
Independent learning	76	76%
Placement learning	0	0%
TOTAL	100	100%

ASSESSMENT

Assessment Component 1

- ☐ Written exam
 ☐ Coursework
 ☒ Practical

Mode of assessment	Volume	Weighting
Online assessment	1 hour	100%

Assessment Summary

Activity type	Percentage
Online exam	100%
Coursework	0%
Practical	0%
TOTAL	100%

INDICATIVE READING LIST

Module Code	ACCA4029	
Module Title	Cyber Security Essentials	
Classification	Reading List entry	Electronic*
Essential	www.netacad.net username and password required	☒
Further	William Stallings (2017) Network Security Essentials: Applications and Standards, 6th Edition, Pearson	☒
Further	C J Brooks, C Grow, P Craig and D Short (2018) Cybersecurity Essentials, John Wiley & Sons, Inc	☒