

Lecturer: Munyaradzi Nicholas Murira

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To protect their personal privacy and business information

Week	Unit(s) Covered
Week 1 (25-01-22)	Cyber Security, Understand Cyber Security
Week 2 (01-02-22)	Cyber Security Cube, CIA Triad.
Week 3 (08-02-22)	Cyber Security Countermeasures and Security Management Framework.
Week 4 (15-02-22)	Cyber Threats, Vulnerabilities and Attacks.
Week 5 (22-02-22)	Cyber Threats, Vulnerabilities and Attacks.
Week 6 (01-03-22)	Cryptography, Access Control, Obscuring Data.
Week 7 (08-03-22)	Data Integrity, Digital Signatures.
Week 8 (15-03-22)	Availability, Incident Response and Disaster Recovery.
Week 9 (22-03-22)	Defending Systems, Server Hardening, Network Hardening, Physical Security.
EASTER BREAK	
Week 10 (19-04-22)	Cyber Security Domains, Ethics

Week 11 (26-04-22)	Review on Cybersecurity - Self Analysis/ Case study	Online Exam (Scheduled)	
Assessment			
	Outcome	Deadline	
Component 1 100%	Demonstrate essential skills and an understanding of trends, threats and countermeasures for safer online and communication at workplace	26/04/2022	Online Exam (1 Hour)
Readings			
Book	William Stallings (2017) Network Security Essentials: Applications and Standards, 6th Edition, Pearson		
Book	C J Brooks, C Grow, P Craig and D Short (2018) Cybersecurity Essentials, John Wiley & Sons, Inc		
Resources	Introduction to Cybersecurity Essentials	01-02-2022 to 31-05-2022	
Resources	www.netacad.com (User Login Required)		