

**APPROVED**

## IT6011: Introduction to Information Security

### Course Details

Course Code:	IT6011
Course Title:	Introduction to Information Security <b>APPROVED</b>
Short Title:	Intro to Info Sec
Course Level::	Level 6
Valid From::	2022/2023 Sem 1
Credits::	15
Owner:	ICT
Assessment Method:	Achievement
Course Aim	To provide students with an understanding of what information security is and its value in modern technology. Students will gain a detailed knowledge of information security through practical skills and analysis of the security requirements of organisations.

CILO	
On Completion of this course, the learner will be able to	
#	Learning Outcome Description
1	Demonstrate detailed knowledge of the principles of information security and state measures to secure information.
2	Develop an information security policy to demonstrate security awareness.
3	Perform and report upon an ethical penetration test.
4	Demonstrate detailed knowledge of cryptographic methods.
5	Identify and describe security implications for modern networks
Requisites	
<ul style="list-style-type: none"> <li>• Pre Requisite: IT6004</li> </ul>	

Examinations
<b>Assessment Type</b> Examination (Practical)
<b>Assessment Type</b> Examination (Unseen)
No Other Controlled Assessments
Uncontrolled Assessments
<b>Assessment Type</b> Project (Group)

Affiliated Entities			
Entity Code	Entity Title	Entity Version	Entity Type
ICT8011	Bachelor of Information and Communications Technology (Programming Major)	1	Programme
ICT8011	Bachelor of Information and Communications Technology (Programming Major)	2	Programme
BFT8100	Bachelor of Science in Financial Technology	1	Programme
ICT6010	Diploma in Information and Communications Technology	4	Programme
ICT6025	Diploma in Cloud Computing	1	Programme
ICT7011	Associate Degree in Information and Communications Technology (Programming Major)	1	Programme
ICT7022	Associate Degree in Information and Communications Technology (Information Systems)	1	Programme
ICT7041	Associate Degree in Information and Communications Technology (Database Systems Major)	1	Programme
ICT7051	Associate Degree in Information and Communications Technology (Cyber Security)	1	Programme
ICT8010	Bachelor of Information and Communications Technology (Programming Major)	2	Programme
ICT8020	Bachelor of Information and Communications Technology (Management Information Systems Major)	2	Programme
ICT8021	Bachelor of Information and Communications Technology (Information Systems Major)	1	Programme
ICT8022	Bachelor of Information and Communications Technology (Information Systems Major)	1	Programme
ICT8030	Bachelor of Information and Communications Technology (Networking Major)	2	Programme
ICT8031	Bachelor of Information and Communications Technology (Networking Major)	1	Programme
ICT8040	Bachelor of Information and Communications Technology (Database Systems Major)	3	Programme
ICT8041	Bachelor of Information and Communications Technology (Database Systems Major)	1	Programme
ICT8050	Bachelor of Information and Communications Technology (Cyber Security Major)	2	Programme
ICT8051	Bachelor of Information and Communications Technology (Cyber Security Major)	2	Programme
No Code Yet	Copy Of Bachelor of Information and Communications Technology (Cyber Security Major)	1	Programme
No Code Yet	test Bachelor of Information and Communications Technology	1	Programme