

APPROVED

IT6010: Maths for Computing

Course Details

Course Code:	IT6010
Course Title:	Maths for Computing APPROVED
Short Title:	
Course Level::	Level 6
Valid From::	2015/2016 Sem 2
Credits::	15
Owner:	ICT
Assessment Method:	Achievement
Course Aim	To develop the ability to apply standard mathematical and statistical techniques which can be used in the ICT sector.

CILO	
On Completion of this course, the learner will be able to	
#	Learning Outcome Description
1	Apply a range of statistical measures to defined and undefined ICT scenarios.
2	Utilize algebraic number theory principles to solve ICT problems.
3	Apply communication theory concepts on given scenarios.
4	Use some advanced geometrical methods in simulation applications
5	Solve advanced cryptography related problems which are linked to information security
Requisites	
No requisites	

Examinations
Assessment Type Examination (Unseen)
No Other Controlled Assessments
Uncontrolled Assessments
Assessment Type Practical Project

Affiliated Entities			
Entity Code	Entity Title	Entity Version	Entity Type
ICT8010	Bachelor of Information and Communications Technology (Programming Major)	2	Programme
ICT8020	Bachelor of Information and Communications Technology (Management Information Systems Major)	2	Programme
No Code Yet	test Bachelor of Information and Communications Technology	1	Programme