APPROVED

IT7001: Systems Analysis and Design

Course Details

Course Code:	IT7001
Course Title:	Systems Analysis and Design APPROVED
Short Title:	SAD
Course Level::	Level 7
Valid From::	2020/2021 Sem 1

Credits::	15

Owner:	ICT

Assessment Method:	Achievement

Course Aim	
	To develop students' abilities to analyse simple and complex information systems, model business and systems requirements, and document logical and physical design solutions by using appropriate methods, techniques, tools and industry standards.

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CILO	
On Completion of this course, the learner will be able to	
#	**Learning Outcome Description**
1	Demonstrate understanding of the concepts and basic principles of system development to meet client requirements.
2	Produce a set of documents and models for a new system by applying fact finding, problem solving and object-oriented analysis modelling techniques and by using appropriate software tools.
3	Perform feasibility analysis to recommend the optimal solution for a new system.
4	Produce a physical design specification for a new system by applying object-oriented design modelling techniques and using appropriate software tools.
5	Critically analyze the work of self and teams in a collaborative environment

Requisites
• Pre Requisite: IT6005-Database Systems 1

Examinations
Assessment Type Examination (Practical)
Assessment Type Examination (Practical)

No Other Controlled Assessments

Uncontrolled Assessments
Assessment Type Project (Group/Individual)
Assessment Type Project (Group/Individual)

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