APPROVED

IT7203: Cloud Solutions Architecture

Course Details

Course Code:	IT7203
Course Title:	Cloud Solutions Architecture APPROVED
Short Title:	CSA
Course Level::	Level 7
Valid From::	2022/2023 Sem 3
Credits::	15
Owner:	ICT
Assessment Method:	Achievement
Course Aim	This course aims to develop advanced student's skills to design cloud-based resilient system architectures and cloud-based services to achieve high-performing architectures. The students will be able to create secure cloud-based applications and architectures and design cost-optimized architectures. To equip student's abilities technically to take the AWS Solutions Architect Associate Exam.

CILO	
On Completion of this course, the learner will be able to	
#	Learning Outcome Description
1	Demonstrate advanced knowledge to design cloud-based resilient system architectures based on given requirements.
2	Implement combined cloud-based services to achieve high-performing architectures
3	Demonstrate advanced practical knowledge to secure cloud-based applications and architectures
4	Plan and design to implement cost-optimized architectures

Requisites
• Pre Requisite: IT7004

Examinations			
Assessment Type Examination (Unseen)			

No Other Controlled Assessments

Uncontrolled Assessments
Assessment Type Lab Assignment

Affiliated Entities

Entity Code	Entity Title	Entity Version	Entity Type
BBS6015	Diploma in Real Estate	1	Programme
BBS8000	Bachelor of Business	3	Programme
BBS8001	Bachelor of Business (General)	1	Programme
BBS8010	Bachelor of Business: Marketing	3	Programme
BBS8010	Bachelor of Business: Marketing	4	Programme
BBS8070	Bachelor of Business: Human Resource Management	3	Programme
BBS9040	Master of Science (MSc.) in Professional Accounting	1	Programme
BFA7000	Associate Degree in Film and Animation	1	Programme
BFA8800	Bachelor of Film and Animation	1	Programme
BU8010	Bachelor of Business: Marketing V4	1	Programme
BWM6000	Diploma in Web Media	1	Programme
BWM8000	Bachelor of Web Media	2	Programme
DES7000	Associate Degree in Visual Design	1	Programme
DES8000	Bachelor of Visual Design	2	Programme
ENT7020	Associate Degree in Engineering Technology (Mechanical)	2	Programme
ENT7031	Associate Degree in Engineering Technology (Electronics)	2	Programme
ENT7040	Associate Degree in Engineering Technology (Electrical)	1	Programme
ENT7050	Associate degree in Engineering Technology (Electromechanical)	1	Programme
ENT7060	Associate Degree in Engineering Technology (Communications and Networks)	1	Programme
ICT6010	Diploma in Information and Communications Technology	4	Programme
ICT6025	Diploma in Cloud Computing	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
ICT8030	Bachelor of Information and Communications Technology (Networking Major)	2	Programme
ICT8040	Bachelor of Information and Communications Technology (Database Systems Major)	3	Programme
ICT8050	Bachelor of Information and Communications Technology (Cyber Security Major)	2	Programme
No Code Yet	Bachelor of Visual Design (Updated)	1	Programme
No Code Yet	Bachelor of Web Media (Updated)	1	Programme
No Code Yet	Copy Of Associate Degree in Engineering Technology (Communications and Networks)	1	Programme
No Code Yet	test Bachelor of Information and Communications Technology	1	Programme
TBC	To be deleted	1	Programme
ELE1	Electives 1	1	Group
ELE2	Electives 2	1	Group