

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		
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