APPROVED

IT6005: Database Systems 1

Course Details	
Course Code:	IT6005
Course Title:	Database Systems 1 APPROVED
Short Title:	DB1
Course Level::	Level 6
Valid From::	2022/2023 Sem 2
Credits::	15
Owner:	School of ICT
Assessment Method:	Achievement
Course Aim	To provide students with a detailed knowledge of Database Management Systems used in modern IT organisations. The course will focus on one widely used commercial database, Oracle, and provide students with market relevant skills.

CILO	
On Completion of this course, the learner will be able to	
#	Learning Outcome Description
1	Demonstrate detailed knowledge of core database and database design concepts.
2	Perform data modelling to produce logical data models using ERD techniques and normalization
3	Design and implement a database suitable for an information system
4	Use Structured Query Language to perform database operations
5	Discuss the principles, regulations and laws related to privacy both in the GCC and Internationally

Requisites
No requisites

No Examinations	

Other Controlled Assessments

Assessment Type
Online Quiz

Uncontrolled Assessments

Assessment Type
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
BFA8800	Bachelor of Film and Animation	2	Programme
BFA8801	Bachelor of Filmmaking	1	Programme
BFA8802	Bachelor of Animation and Visual Effects	1	Programme
BFT8100	Bachelor of Science in Financial Technology	1	Programme
BWM8000	Bachelor of Web Media	3	Programme
DES8000	Bachelor of Visual Design	3	Programme
ENT8020	Bachelor of Engineering Technology (Mechanical)	3	Programme
ENT8031	Bachelor of Engineering Technology (Electronics)	4	Programme
ENT8040	Bachelor of Engineering Technology (Electrical)	2	Programme
ENT8050	Bachelor of Engineering Technology (Electromechanical)	2	Programme
ENT8060	Bachelor of Engineering Technology (Communications and Networks)	2	Programme
ENT8070	Bachelor of Engineering Technology (Chemical and Industrial Processes Engineering)	1	Programme
ENT8080	Bachelor of Engineering Technology (Civil)	1	Programme
ENT8090	Bachelor of Engineering Technology (Industrial Instrumentation and Automatic Control)	1	Programme
ICT6010	Diploma in Information and Communications Technology	4	Programme
ICT6025	Diploma in Cloud Computing	1	Programme
ICT6045	Diploma in Web Development	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
MDM8040	Minor in Data Mining	1	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
NEDICTE	Non-EDICT Electives	1	Group