IT6005   Database Systems 1

Course Aim To provide students with an understanding of Database Management Systems used in modern IT organisations. The course will detail one widely used commercial database, Oracle, and provide students with market relevant skills.

Short Title		Version	7
Faculty	EDICT	Effective From	February 2017
		NQF Level	6
Credits	15	Student Contact hrs	90
Pre-requisites	None	Self-directed hrs	60
Co-requisites	None	Other directed hrs	0
Anti-requisites	None	Total learning hrs	150

Learning Outcomes

On successful completion of this course, students will be able to:

		NQF Sub-strand
1	Demonstrate understanding of core database and database design concepts.	Theoretical Understanding
2	Perform data modelling to produce logical data models using ERD techniques and normalization	Practical Application of knowledge
3	Design and implement a database suitable for an information system	Practical Application of knowledge
4	Use Structured Query Language to perform database operations	Practical Application of knowledge