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
Facility
EDICT

Credits
15

Pre-requisites
None

Co-requisites
None

Anti-requisites
None

Version 8
Effective From
February 2018
Level 6
Student Contact hrs 90
Self-directed hrs 60
Other directed hrs 0
Total learning hrs 150

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

1. Demonstrate understanding 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.

NQF Sub-strand
Theoretical Understanding
Practical Application of knowledge
Practical Application of knowledge
Theoretical Understanding