- Introduction to SQL server for Data warehouse
- Dimensional modelling
- ETL, data integration, and data quality
- Data sourcing
- OLAP and Data cubes
- SQL in data warehouse
- Data warehouse and Business Intelligence
- And other appropriate, related topics

Assessment:
Students will be advised of all matters relating to summative assessment at the outset of the course. Overall course grades will represent a balanced assessment of achievement in relation to all stated learning outcomes.

Weighting	Nature of assessment	Learning outcomes
15%	Assignment: Analysis, design and develop data models and ETL for data warehouse based on a case study	1,2,5,6
20%	Test(s)	1, 2
25%	Assignment: Analysis, design and develop OLAP and data warehouse solution based on a case study	1,2,3,4, 5,6
40%	Final exam	1, 2, 3, 4, 5

Learning and teaching approaches:
This course will be taught in an integrated manner employing Lectures, demonstrations, discussions and laboratory (practical) classes
An understanding of the principles and fundamental concepts of computer systems will be reinforced with practical work.
Students learn by doing real practical work.
Collaborative Knowledge Building and Learning
Learning Communities
Online support material will enhance the students ability to learn at their own pace.

Feedback:
Feedback is sought throughout the course using a range of assessment tools including:
Class forum and survey

Learning resources required:
Text Book: refer to the current programme booklist.
Specific resources/readings will be provided during the course.
Handouts given and/or directions to Short Term Loans in the library

Learning resources recommended:
Booklist & resources published via Moodle

Change Type (P, F or E)	*Effective*	*PC Date*	*FAC/AB Date (F, E only)*	*Readers*
P	**Sem 1, 2014**			