

IT7006

Object-Oriented Design



Course Aim The unit will raise students' abilities to design and implement information system solutions to an advanced level using an object-oriented approach and automated tools.

Short Title OOD

Faculty EDICT

Credits 15

Pre-requisites IT6008 (ITB5008) and IT7001 (ITB6001)

Co-requisites None

Anti-requisites None

Version 3

Effective From February 2016

NQF Level 7

Student Contact hrs 60

Self-directed hrs 90

Other directed hrs 0

Total learning hrs 150

Learning

Outcomes

- On successful completion of this course, students will be able to:
- 1 Demonstrate an advanced knowledge and understanding of the object-oriented architectural design and fundamental design principles, activities and environment
 - 2 Design a solution to an ICT problem at a specialist level using object oriented principles
 - 3 Implement object-oriented user interfaces to databases using some specialist applications

NQF Sub-strand

Theoretical
Understanding

Practical
Application of
knowledge

Practical
Application of
knowledge