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: 4
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:

1. Demonstrate an advanced knowledge and understanding of the object-oriented architectural design and fundamental design principles, activities and environment.

2. Design and analyse Use Cases and apply Design Patterns at a specialist level.

3. Implement object-oriented user interfaces to databases using some specialist applications.

NQF Sub-strand:

- Theoretical
- Understanding

- Practical
- Application of knowledge

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