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	Version	4
Faculty	EDICT	Effective From	February 2016
		NQF Level	7
Credits	15	Student Contact hrs	60
Pre-requisites	IT6008 (ITB5008) and IT7001 (ITB6001)	Self-directed hrs	90
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 an advanced knowledge and understanding of the object-oriented architectural design and fundamental design principles, activities and environment	Theoretical Understanding
2	Design and analyse Use Cases and apply Design Patterns at a specialist level.	Practical Application of knowledge
3	Implement object-oriented user interfaces to databases using some specialist applications	Practical Application of knowledge