IT8406	Database Administration

Course Aim To develop expertise in the creation and maintenance of an enterprise class database ensuring its availability and security, improving performance and implementing suitable backup and recovery strategies.

Short Title	DBA	Version	2
Faculty	EDICT	Effective From	February 2016
Polytechnic Level		Indicative NQF Level	8
Credits	15	Student Contact hrs	60
Pre-requisites	IT7005 (ITB6005)	Self-directed hrs	60
Co-requisites	none	Other directed hrs	30
Anti-requisites	none	Total learning hrs	150

Learning Outcomes

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

		NQF Sub-strand
1	Install and configure an enterprise database to provide a solution for a given customer requirement following industry best practices.	Practical Application of knowledge
2	Plan and implement security policies and procedures to ensure data integrity.	Practical Application of knowledge
3	Perform database maintenance tasks in order to optimize system performance.	Practical Application of knowledge