| | IT8212 | Cloud Computing | |

Course Aim This course aims to develop student skills in Cloud infrastructure, Cloud deployment and service models. The students will be able to identify the architecture and infrastructure as a foundation of Cloud Computing, differentiate between Cloud Computing types which mainly include Public, Private and Hybrid. Analyze and evaluate common issues and suggest appropriate solutions.

Short Title	None	Version	3
Faculty	EDICT	Effective From	February 2016
Polytechnic Level		Indicative NQF Level	8
Credits	15	Student Contact hrs	60
Pre-requisites	IT7004 (ITB6004)	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	Demonstrate critical knowledge and understanding of Cloud Computing Infrastructure theories, concepts and technologies	Theoretical Understanding
2	Critically analyse and evaluate the applicability of Cloud Computing for different business scenarios	Theoretical Understanding
3	Implement an appropriate Cloud Computing environment for a complex business requirement	Practical Application of knowledge