	IT6001	Computer Systems	

Course Aim To provide students with an understanding and appreciation of the computer system architecture and operations. It will introduce students to computer hardware and software with emphasis on Cloud Computing and internal operations of computer systems

Short Title		Version	8
Faculty	EDICT	Effective From	January 2, 2018
		Level	6
Credits	15	Student Contact hrs	60
Pre-requisites	None	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:

#	Outcome	NQF Sub-strand
1	Describe the role of hardware components in building different computer architectures	Practical Application of knowledge
2	Install and administer various end-user operating system software	Practical Application of knowledge
3	Solve problems relating to low-level computer processes using Boolean logic and data representation	Theoretical Understanding
4	Demonstrate a detailed knowledge of professional and ethical issues in information technology	Communication, ICT, Numeracy
5	Describe and evaluate the types and advantages of Cloud Computing models	Theoretical Understanding