AP5005   Introduction to Computing

Course Aim To introduce the different areas of computing and undertake various computer based tasks. To prepare students with skills in problem solving, practical application, design, implementation, testing and documentation.

Short Title		Version	1
Faculty	Humanities	Effective From	March 2012
Polytechnic Level		Indicative NQF Level	5
Credits	15	Student Contact hrs	90
Pre-requisites	Nil	Self-directed hrs	60
Co-requisites	Nil	Other directed hrs	0
Anti-requisites	ITC4005	Total learning hrs	150

Learning Outcomes

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

#	Outcome	NQF Sub-strand
1	Identify, remove and replace components and identify faults of a computer system.	Practical Application of knowledge
2	Identify and compare the current software platforms, standards and trends in the industry today.	Theoretical Understanding
3	Design a LAN network and justify the components, protocols and terms related to computer networking.	Practical Application of knowledge
4	Design, write, test and maintain simple computer programmes to a detailed use case.	Generic, Problem Solving and Analytical Skills
5	Justify choices in hardware and software to meet requirements of the computer system for small to medium sized organisation.	Generic, Problem Solving and Analytical Skills