

Module Title:	INTRODUCTION TO OPERATING SYSTEMS
Academic year:	2009 – 2010
Credit Value:	5
Pre- requisites:	Computer Architecture
Assessment:	Exam – 50%, CA – 50%
Aims	<ul style="list-style-type: none"> • Instil the learner with an understanding of the purpose and importance basic operating systems functions. • Develop a conceptual understanding of the architecture of a typical operating system • Provide the learner with an understanding of, and the ability to employ, techniques for the control of computer hardware resources using Unix scripting
Module Content	<ul style="list-style-type: none"> • Introduction and overview of operating systems • Processes • Storage Management • OS Installation and Configuration
Intended Learning Outcomes:	<p>Having successfully completed this module, the student will be able to:</p> <ul style="list-style-type: none"> • Discriminate and differentiate the processes by which operating system software manages resources, processes, I/O and storage • Order and classify the basic architecture of a modern multi-process operating system, with particular emphasis on Process Management and the File System • Utilise Unix scripting to implement simple problem solving tasks • Discern the effect of runtime load variation on operating system performance

