

TITLE	Managing Business Telecommunications		
CODE	UUIS8009		
LEVEL	8		
CREDITS	20		
PRE REQUISITES	None (other than specified in entry criteria)		
AIM	<p>The purpose of this programme component is for students to develop the knowledge and skills required to critically evaluate telecommunications technologies and to apply them in organisations to solve real world problems and to sustain competitive advantage.</p> <p>Students will develop knowledge of current and emerging telecommunications concepts. including network standards and protocols, local area networks and wide area networks, wired and wireless networks, Internet, cloud computing and networked applications.</p>		
LEARNING OUTCOMES	<p>At the end of this component, students will be able to:</p> <ol style="list-style-type: none"> 1. identify and analyse problems associated with the introduction of enterprise digital infrastructure 2. synthesize reasoned arguments for the use of enterprise digital infrastructure for gain 3. participate in strategic planning for enterprise digital infrastructure 4. understand the important role of management in enterprise digital infrastructure. 		
CONTENT	<p>The content consists of the following topics:</p> <ul style="list-style-type: none"> • Network concepts and terminology • Network standards and management of network standards • Network and security management – network planning, security principles and policy based planning • Ethernet LANs theory and implementation • Wireless LANs theory and implementation • TCP/IP and Internetworking theory and implementation 		
ASSESSMENTS	Assessment Type	Weighting	Learning Outcomes Assessed
	Assignment 1	25%	1, 2, 3 & 4
	Assignment 2	35%	1, 2, 3 & 4
	Final exam	40%	1, 2, 3 & 4
RECOMMENDED RESOURCES	Panko, RR & Panko, JL 2015, <i>Business data networks and security</i> , 10th edn, Pearson Education, Upper Saddle River, New Jersey		