


AMOU UNIVERSITY
“A Vehicle for Peace and Development”
AMOU UNIVERSITY



FACULTY OF COMPUTING AND ICT

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY PROGRAMME

ACADEMIC YEAR 2015/ 2016

COURSE DESCRIPTION

BIT 414	Broadband Networks		
Contact Hours	52		
Pre-requisite(s)	BIT 325 Wireless and Mobile Communication BIT 326 Local Area Networks		
Purpose/Aim	<ul style="list-style-type: none"> • The course focuses on some basic broadband network • This course talks about single network for multiple service • This course targets advanced knowledge of telecommunication network 		
Course Objective (Indicative Learning Outcomes)	<ul style="list-style-type: none"> • Students shall examine the basic components of broadband network • The course should go into detail and give full concept of those protocols used on multi point multimedia multi rate 		
Course Content	<ul style="list-style-type: none"> • Introduction of broadband network • X.25 • Frame relay • ATM 		
Learning & Teaching Methodologies	Lectures, practical configurations with manual simulators like cisco packet tracker and real devices		
Instructional Materials/Equipment	i.e. Classroom with audio visual aids, Computer laboratory e.t.c.		
Course Assessment	Type	Weighting (%)	
	Examination(End Term/Final)	50	
	Continuous Assessment(Mid Term)	20	
	Quizzes and attendance	10	
	Continuous Assessment(Attendance)	10	
	Total	100	
Recommended Reading	Title	Author	Publisher
	Broadband Networks		
Additional Reading			
Other Support Material	A variety of multimedia systems and electronic information resources as prescribed by the lecturer. Various application manuals, URL search and		



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