


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 316	IT PROJECT MANAGEMENT	
Contact Hours	52	
Pre-requisite	BIT 412 Software Engineering Principles	
Purpose/Aim	This course prepares the learner to manage a software project.	
Course Objective (Indicative Learning Outcomes)	<ul style="list-style-type: none"> • The learner should be able to trace and plan a project life cycle right from inception to implementation • The learner should be able to determine the feasibility of a project using various parameters such as economic and operational feasibility • The learner should be able to manage the various resources involved in a project such as time, people and money. • The learners should be able to manage a project so as to balance between the three key parameters of time, budget and quality. • The learner should be able to identify and mitigate ICT project risks 	
Course Content	<ul style="list-style-type: none"> • Introduction to project management • Planning the project and identifying activities • Project feasibility analysis • Review of software project cost estimation • Software Project Scheduling • Staffing and personnel planning • Project Monitoring and Control • Supplier Management • Software Configuration Management 	



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	<ul style="list-style-type: none"> • Software Quality Assurance • Risk management • Finalizing a project 		
Learning & Teaching Methodologies	Lectures, tutorials, Case studies and planning exercises.		
Instructional Materials/Equipment	Classroom with audio visual aids. Computer laboratory. Project planning software e.g. Microsoft Project. CASE tool.		
Course Assessment	Type		Weighting (%)
	Final Examination		60
	Mid Term Examination		20
	Assignment		10
	Attendance		10
	Total		100
Recommended Reading	Title	Author	Publisher
	Project Management	Lock, D	Gower Publishing LTD (2003)
	Software Engineering (7th Edition)	Ian Sommerville	Addison Wesley (2001)
	Software Engineering: A Practitioner's Approach	Roger S Pressman	McGraw-Hill (2004)
Additional Reading	The Everything Project Management Book	Richard Mintzer	Rich Mintzer Adams Media Corporation (2002)
Other Support Material	A variety of multimedia systems and electronic information resources as prescribed by the lecturer. Various application manuals and articles, URL search and journals.		