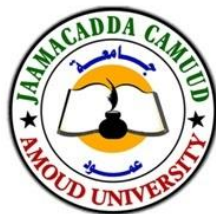



AMOU UNIVERSITY
“A Vehicle for Peace and Development”
AMOU UNIVERSITY



FACULTY OF COMPUTING AND ICT

DIPLOMA IN INFORMATION TECHNOLOGY PROGRAMME

ACADEMIC YEAR 2016/ 2017

COURSE DESCRIPTION

DIT 203	Systems Analysis and Design		
Contact Hours	45		
Pre-requisite	N/A		
Purpose/Aim	The course introduces students to the systems development life cycle and captures the role of a system analyst in design and development of systems.		
Course Objective (Indicative Learning Outcomes)	<ul style="list-style-type: none"> • Students are required to learn about systems, the SDLC and different techniques used by analysts in computing and software engineering and development 		
Course Content	<ul style="list-style-type: none"> • Overview of information systems development; • The life cycle approach to information systems development; • Problems definition; Systems requirements development; • Data gathering techniques; • Systems analysis; • Entity relationship modeling; • Systems design; • Systems implementation; System introduction and commissioning; Systems maintenance; Systems retirement / re-engineering. 		
Learning & Teaching Methodologies	Lectures, tutorials		
Instructional Materials/Equipment	Classroom with audio visual aids Computer laboratory		
Course Assessment	Type	Weighting (%)	
	Final Examination	60	
	Mid Term Examination	20	
	Assignment	10	
	Attendance	10	
	Total	100	
Recommended Reading	Title	Author	Publisher
Additional Reading			
Other Support Material	A variety of multimedia systems and electronic information resources as prescribed by the lecturer.		



AMOUD UNIVERSITY
“A Vehicle for Peace and Development”

Various application manuals, URL search and journals.
