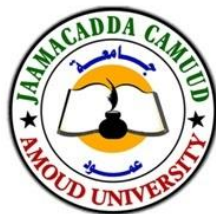

AMOU UNIVERSITY
“A Vehicle for Peace and Development”
AMOU UNIVERSITY



FACULTY OF COMPUTING AND ICT

DIPLOMA IN INFORMATION TECHNOLOGY PROGRAMME

ACADEMIC YEAR 2016/ 2017

COURSE DESCRIPTION

DIT 405	Object Oriented Programming		
Contact Hours	45		
Pre-requisite	N/A		
Purpose/Aim	This course aims at equipping students with knowledge on		
Course Objective (Indicative Learning Outcomes)	<ul style="list-style-type: none"> • Students should learn about • 		
Course Content	<ul style="list-style-type: none"> • Evolution of Object Oriented Programming Languages; Introduction to Object Technology: Concepts and terminology; abstraction, encapsulation, Inheritance, polymorphism, classes, objects, methods, messages; Review an OOP Language; Object Oriented programming in a selected Language; Abstract Data Types and Classes, Single and Multiple inheritances, Overloading, Polymorphism, Dynamic Binding, Generality and Composition, Object Class Libraries. 		
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. Various application manuals, URL search and journals.		