


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 304	Principles of Computer Support and Maintenance	
Contact Hours	45	
Pre-requisite	N/A	
Purpose/Aim	This course aims at building further on the concepts of computer applications. Its aim is to expose students to practical skills in troubleshooting, computer repair and maintenance	
Course Objective (Indicative Learning Outcomes)	<ul style="list-style-type: none"> • Students are required to learn about computer parts both software and hardware. • Students should further learn acquire practical skills and be able to solve computer problems faced by users, both software and hardware, and customer care. 	
Course Content	<ul style="list-style-type: none"> • Introduction to event driven programming using Visual Basic parts of visual basic: Project window, Form window, Toolbox, Properties window and Code window; Designing user interface; Running and exiting visual basic program; Manipulation of objects through the properties window; Manipulation of object through code; Making menus: Creating pull down menus, menu commands. Adding keystrokes shortcuts, separator bars and check marks. Displaying dialog boxes. List boxes and combo boxes: Adding data to a list, sorting and removing items in list boxes and combo boxes. Creating multiple-column list boxes. Control Structures: Using if-then-end if, with-end with structure statement, do-while-loop, Do-until-loop, and for-next-loop; Displaying, adding and deleting information from a database. Tracing and watching: Using debug window, creating an instant watch, tracing line by line; Compiling a program: Choosing an icon for your program, naming your program; Reports: Crystal report/Data environment designer; Data Access: Data control, ADO Control, linking Recordset, object, Report Designer, Types of Recordset, object and their characteristics. 	
Learning & Teaching Methodologies	Lectures, tutorials	
Instructional	Classroom with audio visual aids	



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Materials/Equipment	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.		