


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



FACULTY OF ENGINEERING

BACHELOR OF SCIENCE IN CIVIL ENGINEERING
ACADEMIC YEAR 2015/ 2016

COURSE DESCRIPTION

	Engineering Geology		
Contact Hours			
Pre-requisite	N/A		
Purpose/Aim	To provide an introduction to the geotechnical significance of earth materials, rock defects, structural geology, geomorphology, hydrogeology, active tectonics, earthquakes, volcanism, erosion and mass movement in the civil engineering practice		
Course Objective (Indicative Learning Outcomes)	Students will be introduced to the relevant terminology: <ul style="list-style-type: none"> • Classifications and concepts with the aim of ensuring effective communication between engineers and engineering geologists in the geotechnical team. 		
Course Content			
Learning & Teaching Methodologies	Lectures, tutorials and computer laboratory exercises		
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.		