


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

CENG 219	Irrigation Engineering		
Contact Hours	3		
Pre-requisite	N/A		
Purpose/Aim	Provide students with the basic principles of irrigation design, selection of irrigation systems, determination of the quality of water for irrigation and finally assessment of the feasibility of irrigation schemes		
Course Objective (Indicative Learning Outcomes)	Students will be able <ul style="list-style-type: none"> • To choose the appropriate irrigation scheme • Determine crop-water requirement • Design various types of irrigation schemes 		
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.		