

Date:	Examination No.:	Version:1/9/2019	Start: 13/2/2022
Module Name - Code	Introduction to Civil Engineering - 1111		
Module Language:	English		
Responsible :			
Lecture (s):	Assist. Prof. Dr Yousif Ismael Mawlood		
College:	College of Engineering – Salahaddin University		
Duration:	15 week – 2 semester		
Course outcomes:	<p>Upon successful completion of this course, the students should acquire the following knowledge:</p> <p>a) The main uses of civil engineering materials for the construction of walls, arches, abutments, dams and foundation of civil engineering works.</p> <p>b) Ability to list the relevant engineering properties of civil engineering materials and their characteristics and describe the factors which control these properties.</p> <p>c) Ability to apply basic analytical procedures to obtain the engineering quantity desired and understand their limitations.</p>		
Course Content:	<p>The course is a technical subject with illustrations, the course gives a description of all the materials used for different constructions in the field of civil engineering. It is discussing briefly building construction and maintenance of buildings and explains the different stages of construction. In addition to that, the course gives a clear view of basic surveying concepts. furthermore, it provides a clear idea about the major topics in civil engineering, geotechnical engineering, transportation engineering, irrigation and water resources engineering and environmental engineering</p>		
Literature:	<ol style="list-style-type: none"> 1. M S Palanichamy, <i>Basic Civil Engineering</i>, Fourth Edition, SI, 2011 2. G. Shanmugam, <i>Basic Civil and Mechanical Engineering</i>, 2018. 3. Satheesh Gopi, <i>Basic Civil Engineering</i>, 2010 4. C.P. KAUSHIK, S.S. BHAVIKATT, ANUBHA KAUSHIK, <i>2010 Basic Civil and Environmental Engineering</i>, 2010. 		
Type of Teaching:	4 hrs theory lectures		
Pre-requisites:			
Frequency:	Yearly in the Spring semester		
Requirements for credit points:	<p>For the award of credit points, it is necessary to pass the module exam. The module exam is theoretical: [Written 90 min] Student's attendance is required in all classes.</p>		
Credit point:	5		

Grade Distribution :	The Grade is generated from the examination result(s) with the following 5% activity 5% Report about a specific subject 10% Quiz 20% mid-term exam 60% final theoretical Exam
Workload:	The workload is 150 hrs. It is the result of 60 hrs attendance and 90 hrs self-studies.