Date:	Examination No.:	Version:2023-2024	Start:11/9/2023
Module Name - Code	Building Physics- 4103		
Module Language:	English		
Responsible:	Assistant Lecturer: Karzan Abdulla Shafeah		
Lecture (s):	M. Usama Majid		
College:	College of Engineering – Salahaddin University-Erbil		
Duration:	15 week – 1 semester		
Course outcomes:	At the end of the semester, students would be able to understand the technically relevant Material groups, the different types of materials and a technically justified selection of materials. They would also be able to understand the behavior of different materials under different conditions.		
Course Content:	Recognize all type of materials which are used in building construction. To Know and distinguish physical properties of multiphase materials. Goals of building construction subject are to design building systems that have strength, stiffness, stability, durability, recourse efficiency and beauty.		
Literature:	Time saver Standard, Design Data. Neufert Architects Data. Barry, Volume 1 and 2 Mitchells, Building Envelope, Peter Burberry.		
Type of Teaching:	**4** hrs. in lectures		
Pre-requisites:	None		
Preparation Modules:			
Frequency:	Fall Semester		
Requirements for credit points:	For the award of credit points, it is necessary to pass the module exam. It contains: Two examinations during the academic semester, Assignments and Final examination. Student's attendance is required in all classes.		
Credit point:	5		
Grade Distribution:	The following grade system is used for the evaluation of the module exam: The module exam is based on the summation of two categories of evaluations: **First: (40%)** of the mark is based on the academic semester effort which includes - Activity and Quiz during the academic semester = 10%. - Practical = (10%). - Midterm exam = 20% **Second: (60%)** of the mark is based on final examination that is comprehensive for the whole of the study materials reviewed during the academic semester.		
Work load:	The workload is 135 hrs. It is the result of 45 hrs. attendance and 90 hrs. self-studies (Assignments, preparation for exam and applications).		