

Date:	Examination No.:	Version:	Start: 14/2/2023
Module Name - Code	Building Material & Construction Code/ 4106 ( Core)		
Module Language:	English		
Responsible:	Assistant Lecturer: Nashmil Shwan Abdulrahman		
Lecture (s):	Nashmil Shwan Abdulrahman Lana Muhamad Zenab Qasim Majid		
College:	College of Engineering – Salahaddin University		
Duration:	14 weeks – 2nd semester		
Course outcomes:	At the end of the semester, students would be able to: <ul style="list-style-type: none"> <li>• Describe modern masonry materials</li> <li>• Apply finishing materials for floor, wall and roof</li> </ul>		
Course Content:	1- Pre- Historic Materials 2- Properties of building materials, 3- Clay and its product 4- Rock & stone 5- Stone work (types, sizes, bonds, properties, classifications, forms, application,) 6- Concrete basic content (cement, aggregate, lime,) & concrete mix design 7- Concrete block and precast concrete 8- Building mortars 9- Metal 10- Wood & wood product 11- Glass 12- Paint, varnish ....		
Literature:	- BUILDING DESIGN AND CONSTRUCTION HANDBOOK - BUILDING MATERIALS (THIRD REVISED EDITION) - Fundamentals of Building Construction (M a t e r I a l s a n d M e t h o d s) - Construction Technology and Building Materials		
Type of Teaching:	2 hrs /Theoretical 2 hrs /practical H.W, presenting assignments, and discussion.		
Pre-requisites:	-----		
Frequency:	Yearly in the spring semester		
Requirements for credit points:	<b>Modules Course Requirements</b> 1- students Attendance in class is important. 2- discussion in class is required 3- H.W and assignments for each lecture 4- Midterm exam 5- Report 6- quiz		
Credit point:	4		

<b>Grade Distribution:</b>	The Grade is generated from the examination result(s) with the following Requirements: 5% Homework 5% Presentation 02% Quiz 03% activity (attendance) 10% Report 15% mid-term exam <b>60% final theoretical Exam</b>
<b>Workload:</b>	The workload is <b>120h</b> . It is the result of <b>48h</b> attendance in lectures and <b>72h</b> self-studies.