



National University of Sciences and Technology

School of Art, Design and Architecture

ARCH-231 – Material and Construction II

Credit Hours:	3(2+1)	Semester:	Fall
Instructor:		Office:	
		Extension:	
Counseling Hours			
Research Assistant:		Office:	
Email:			
Website		Extension	
Pre-requisites:	ARCH-130 – Material and Construction I		
Course Description:	<p>The purpose of the course is to get students introduced to the finishing materials and products. How structures are completed to a finishing stage, gain and adopt knowledge of the constructional techniques regarding partial and full frame structures. Students will also get familiar with the techniques applied for plaster, polish and paint work. A complete knowledge of techniques used in carpentry work, the methods involve in finishing building components like wall, floor and ceiling. The students will also get introduced to the materials and methods used for providing services to a building, A comprehensive knowledge of electrical, plumbing and H.V.A.C systems. Furthermore, this course is designed to make the students' more familiar with the factors like defects and deterioration in a building system, understanding existing defects and avoiding them in a new building. An elaborated knowledge of moisture and thermal protection as well as acoustic system will also be part of the course.</p> <p>Course objectives encompasses of innovative ideas in relation to building materials and techniques by exploring new products and methodologies.</p>		