

ARCH 3120	MATERIALS AND METHODS OF CONSTRUCTION II	3 Credit Hours
Prerequisites	ARCH 2120	
Goal	To provide the student with an understanding of materials used in institutional, residential, multi-residential and office buildings, how materials are installed and inspected and the integration of building technologies and assemblies to architectural design.	
Objectives	Outcomes	
<p>The course should enable the student to :</p> <ol style="list-style-type: none"> 1. Understand building envelope systems. 2. Understand building materials and assemblies. 3. Understand legal codes, standards and legal responsibilities. 4. Comprehend code compliance and technical documentation as it applies to building construction and assemblies. 5. Work collaboratively. 	<p>The students should be able to:</p> <ol style="list-style-type: none"> 1. Describe envelope systems and their uses. 2. Identify and describe some building materials and assemblies and their uses. 3. Identify and describe the legal codes, standards, and legal responsibilities. 4. Describe how the compliance with a code is achieved. 5. Describe technical documentation as it applies to building construction and assemblies. 6. Work collaboratively by participating in a design team. 	