

<b>ARCH 3210</b>	<b>ARCHITECTURAL DESIGN IV</b>	<b>4 Credit Hours</b>
<b>Prerequisites</b>	<b>ARCH 3110</b>	
<b>Goal</b>	To provide the student with the ability to explore the relationship between conceptual design, structural systems, materials and details.	
<b>Objectives</b>		<b>Outcomes</b>
<p>The course should enable the student to :</p> <ol style="list-style-type: none"> <li>1. Understand how site conditions and social context are integrated into design.</li> <li>2. Grasp how structural systems and materials are integrated into design.</li> <li>3. Understand the principles of materials and assemblies.</li> <li>4. Understand the principles of building envelope systems.</li> </ol>		<p>The students should be able to :</p> <ol style="list-style-type: none"> <li>1. Develop conceptual design into final project</li> <li>2. Integrate site conditions, and social context into design</li> <li>3. Integrate structural systems and materials into design</li> <li>4. Produce presentation drawings that express the ideas of project as well as site, materials and planning scheme</li> <li>5. Describe the principles of materials and assemblies</li> <li>6. Define the principles of building envelope systems</li> <li>7. Develop and design a Project with Multiuse, large span – non masonry building types for any one of the project listed below. Produce a full project presentation including site plan, Floor plans, sections, elevations, Views and building models.</li> </ol> <p><b>EXAMPLES OF DESIGN PROJECT:</b>  <b>College, office complex, museums, hospital, auditoriums, campus design, urban centres, Hill side Resort, Beach Resort, etc.</b></p>