

ARCH 3310	ARCHITECTURAL DESIGN V	4 Credit Hours
Prerequisites	ARCH 3210	
Goal	To introduce the student as how design principles and knowledge are applied in housing and related components including its repetitive spatial and structural elements, circulation and contextual considerations.	
Objectives		Outcomes
<p>The course should enable the student to :</p> <ol style="list-style-type: none"> 1. Be competent in manipulating repetitive design elements. 2. Understand how structure and construction systems are integrated into design. 3. Understand programming for housing. 4. Understand site documentation and zoning guidelines. 5. Comprehend materials and construction detailing. 6. Explore the above said design process by designing in multi use spaces, multilevel planning and simple span structures integrating building services in housing design projects. 		<p>The students should be able to :</p> <ol style="list-style-type: none"> 1. Manipulate repetitive design elements. 2. Integrate structural and construction systems into design. 3. Produce programs for housing. 4. Describe site documentation and zoning guidelines. 5. Describe materials and construction detailing and their effects of design. 6. Develop and Design a Project of Small complexes - multi planning circulation analysis - massing of built forms and design for any one of the housing projects listed below. Produce full project presentation including site plan, Floor plans, sections, elevations, Views and building models. 7. EXAMPLES OF DESIGN PROJECT: Apartments, home for aged, Housing for minstrels in Embassy, Housing for Senior citizens, etc.