



Programme: DESIGN 2.8		
Design Sector	Duration:	1 Semester
Code: 5058	Hours/Week:	9 Practices
Credits: 6 Units	Total Hours:	126

LEARNING OBJECTIVES

- Recognize the ethical need of a coherence between the thought and action.
- Be on the capacity to know and handle operational instruments to the architectonic practice, on the function of the development of the following aspects:
 - General knowledge: terminology, modes and means to work whit specific facts, of conventions, of theory, of structure, etc.
 - Particular knowledge in relation with problems to develop: aesthetic, theory, history, technology and others.
 - Abilities and intellectual capacities.
 - Application: use of abstractions in particular and concrete situations
 - Analysis: of the elements, relations, organizing principles, etc.
 - Synthesis: production of a unique communication, production of a plan, derivation of an ensemble of abstract relations.

COURSE CONTENT DESCRIPTION:

Complex Ensembles, mixed uses.

1. Solutions production increasingly rational and assessables.
2. Analysis of architectural typologies and urban spaces.
3. Urban determinants: The building and the ensemble within the urban fabric.
4. Legal constraints: Knowledge of legal documents, codes and laws.
5. Complex ensembles of buildings.
6. Structural and constructive systems.
7. Coordination of the constructive elements.
8. Preparation of construction plans, construction details, design and expression.
9. Values of the building: definition, character, materials, environmental conditioning and furniture.
10. Constructive materials, environmental and structural behaviour.
11. Building design for constitutional, recreational, cultural use.
12. Building design for health and care use.