



Arch 337 Architectural Design with Climate

Final Project - Information

TOPIC: HOTEL UNITS DESIGN at SELECTED CLIMATIC REGION

Considering design with climate basis together with all background knowledge collected during lectures, the aim of the project is to design Hotel Units (individual or clusters) for maximum 40m² useful area within either one storey or two storeys; each. Possible spaces inside of the project are living room, a bedroom, and a bathroom. Based on the design scenario, the spaces will be varied.

Each student should define the location and its climatic conditions; create a design scenario for hotel units.

Delivered Documents at final stage:

- 1) A report including the story of design, basic environmental principles and passive systems that used, not less than 1000 words **(the deadline of report is the final exam day of the lecture which will be announced soon) (each student should prepare an individual report!)**
- 2) Site plan and site sections (1/500 or 1/1000)
- 3) Plans, sections (at least 2) and elevations (scale:1/100)
- 4) System details and schemes that defines specific passive solar systems and their day/night, summer/winter operations
- 5) 3D models (if available)

The drawings and other related documents that you want to include in your sheet should be prepared in 1 (only one) A0 paper form electronically (in pdf format). Please send it to gharputlugil@cankaya.edu.tr or create a CD and bring it with your sheet not late than deadline. Besides please print out your sheet in 100/70 form and stick a cardboard behind it.

Final project deadline is 25 December 2015 at 16:00.