**Arch 302 Architectural Design Studio IV Fall 2014-2015**

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**Scope and Method**

Arch 302 Arch. Design Studio IV is the fourth step of the chain of design studios. In this phase, students are expected to achieve an analysis Site and Architectural program to establish a language to be used in their design and to accomplish the design of the building. Arch 302 is a non-exam course (Article 29-1 of university’s regulation); therefore grading will be made according to the work performed by the student during the term. The term will be divided into stages, each one comprising a different phase of the project. The development of the project will be monitored through panel critics. Students will have to present their work several times as shown in the timetable to the panel in order to get a grade for each stage.

The method and the process used in the formation of the project are considered to be more important than the final design presented to the final jury. Therefore, students will be expected to be present at the studio, present their work to the panel and participate to discussions during studio hours. Class hours will be essentially used for criticizing the work achieved by the students at home and not for drawing projects. There may be sketch design problems and/or spontaneous quizzes during the semester.

## Topic: SWIMMING POOL (Indoor )

The work required for each stage is as follows:

**Preliminary work**

1. Analysis of the topic & given site plan & Architectural program (graphic presentation)
2. Model of the site 1/500

**Stage 1: Conceptual design**

1. Site plan & sections 1/500
2. Plan or plans 1/200
3. Sections 1/200
4. Elevations 1/200

**Stage 2: Final Design**

1. Floor plan or plans 1/200
2. Sections 1/200
3. Elevations 1/200
4. Perspectives
5. Model ( site & Whole Building ) 1/500

**Timetable**

|  |  |  |
| --- | --- | --- |
| **Date** | **Topic** | **Min. number of presentations** |
| 10 February | Presentation of the topic |  |
| 13 February | Preliminary work |  |
| 17 February | Preliminary work |  |
|  |  | **one** |
|  |  |  |
|  |  |  |
|  |  |  |
| 20 February | Stage 1: Conceptual design |  |
| 24 | Stage 1: Conceptual design |  |
| 27 | Stage 1: Conceptual design | **Four** |
| 03 March | Stage 1: Conceptual design |  |
| 06 | Stage 1: Conceptual design |  |
| 10 | Sketch problem ( All Design studios together ) |  |
| 13 | Sketch problem ( All Design studios together ) |  |
| 17 | Stage 1: Conceptual design |  |
| 20 | Stage 1: Conceptual design |  |
| 24 | Stage 1: Conceptual design |  |
| 27 | Stage 1: Conceptual design |  |
| 31 | Stage 1: Conceptual design |  |
|  |  |  |
| 03 April | Stage 2: Final design |  |
| 07 | Stage 2: Final design |  |
| 10 | Stage 2: Final design |  |
| 14 | Midterm Jury ( All Design studios together ) |  |
| 17 | Midterm Jury ( All Design studios together ) |  |
| 21 | Stage 2: Final design |  |
|  |  |  |
| 24  28  05 May  08  12  15  20  21 May | Stage 2: Final design  Stage 2: Final design  Stage 2: Final design  Stage 2: Final design  Stage 2: Final design  Stage 2: Final design  Free Critics    ( End of the semester ) | **Four** |

### Grading system

Students will have to make a minimum number of panel presentations in order to get a grade for each stage; those failing to fulfill this requirement will not receive a grade for the relevant period. More presentations will certainly help the improvement of the project; therefore increase the chance of receiving better grades.

The weights of stages and juries in the final evaluation will be as follows:

. Preliminary Work 15%

* Stage 1 30%
* Stage 2 35%

**.** Final jury 20%

TOTAL 100%

Instructor’s Opinion + Final Total Grade

(Participation to discussions and attendance will contribute to the final grade as a bonus)

**ARCHITECTURAL REQUIREMENT PROGRAM**

1. **Entrance hall ( with reception desk )**
2. **Managers room**
3. **Secretary**
4. **Meeting room**
5. **Firs aid & Dr. room**
6. **Wet areas ( Man & Woman )**
7. **Café’**
8. **Lockers – Rest rooms – Showers (MAN & WOMAN )**
9. **SPA – Massage - Sauna**
10. **Main pool ( Adults ) 25M.**
11. **Children’s pool**
12. **Tribune**
13. **Training & Seminar rooms**
14. **Fitness center**
15. **Staff lockers room – shower – wc**
16. **Service entrance**
17. **Open car Parking area**
18. **Technical rooms ( Heating – Cooling - Electricity – Water – Mechanical –pumps – water balance depot etc. )**