

Architectural Project

1. **Course number and name:** 020PARGS1 Architectural Project
2. **Credits and contact hours:** 4 ECTS credits, 2x1.25 hours
3. **Name(s) of instructor(s) or course coordinator(s):** Professor Said BITAR
4. **Instructional Materials:**
 - a. Instructor's class notes
5. **Specific course information**
 - a. **Catalog description:** The objective of this course is to teach the student how to read an architectural project and consequently how to conceive a project and express it in terms of plans, sections and facades.
 - b. **Prerequisites or co-requisites:** 020DAINI4 Computer Assisted Drawing
 - c. **Required:** Required for all Civil Engineering students.
6. **Educational objectives for the course**
 - a. **Specific outcomes of instruction:**
 - Introduce the students to the project concept and the relations with the design
 - Familiarize students with anti-vibration, thermal and acoustic insulation.
 - Introduce students to the sanitary, doors and window & door window.
 - Familiarize students with heating localizations.
 - Familiarize students with different networks of AC.
 - Introduce the students to the Electricity (Libnor code) and localization of transformer, generator rooms...
 - Introduce the students to BMS, fire detector & sprinklers and Cameras control.
 - b. **PI addressed by the course:**

PI	2.3
Covered	yes
Assessed	

7. **Brief list of topics to be covered:**
 - Project concept (4 hours)
 - Insulation (½ hour)
 - Sanitary (½ hour)
 - Doors (½ hour)
 - Window and door window (½ hour)
 - Heating (½ hour)

- AC (½ hour)
- Electricity (Libnor code) (1 hour)
- BMS (½ hour)
- Fire detector and sprinklers and Cameras Control (CCTV) (1 hour)