

Course Syllabus
020PARGS1 Architectural Project

1. **Course number and name:** 020PARGS1 Architectural Project
2. **Credits and contact hours:** 4 credits, 2x1:30 course hours
3. **Instructor's or course coordinator's name:** Prof. Said BITAR
4. **Textbook and other supplemental material:**
 - 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:** None
 - c. **Required/Elective/Selected Elective:** Required major course for all Civil Engineering students
6. **Specific goals 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. **KPIs addressed by the course:**

KPI	c3	k2	k3
Covered	X	X	X
Assessed			
Give Feedback			

7. **Brief list of topics to be covered and approximate number of lectures:**
 1. Project concept (4 hours)
 2. Insulation (½ hour)
 3. Sanitary (½ hour)
 4. Doors (½ hour)
 5. Window and door window (½ hour)
 6. Heating (½ hour)
 7. AC (½ hour)
 8. Electricity (Libnor code) (1 hour)
 9. BMS (½ hour)
 10. Fire detector and sprinklers and Cameras Control (CCTV) (1 hour)