

Quality Management in Buildings

1. **Course number and name:** 020QUAGS3 Quality Management in Buildings
2. **Credits and contact hours:** 2 ECTS credits, 1x1.25 hours
3. **Name(s) of instructor(s) or course coordinator(s):** Nassib NASR
4. **Instructional Materials:**

Complete Power Point presentation including visuals and examples from real sites and project. Several Graphs and statistics concerning Quality Implication in the Construction Field.

5. **Specific course information**
 - a. **Catalog description:** Available soft and hard copy of power point.
 - b. **Prerequisites or co-requisites:** None
 - c. **Required:** Required major course for Buildings and Engineering Management students.
6. **Educational objectives for the course**
 - a. **Specific outcomes of instruction:**
 - Introduce the technical quality outcomes on sites (calculation, Design, Concept ,...) and execution (material).
 - Cost of NON Quality.
 - Link quality to economics and costs.
 - Introduce Quality management systems (ISO ,...).
 - Environment Impact.
 - Labels and Certification.
 - Technical Pathologies on site.
 - b. **PI addressed by the course:**

PI	2.1	2.2
Covered	yes	yes
Assessed		

7. **Brief list of topics to be covered:**
 1. Introduction (2 hours)
 2. Codes and Standards (1 hour)
 3. Technical Aspects (6 hours)
 4. Quality Management Systems (4 hours)
 5. NON Quality (2 hours)

6. Miscellaneous (8 hours)