

Course Syllabus

020QUAGS3 – Quality Management in Buildings

- 1. Course number and name:** 020QUAGS3 – Quality Management in Buildings
- 2. Credits and contact hours:** 13x1:15 course hours
- 3. Instructor's or course coordinator's name:** Nassib NASR
- 4. Textbook and other supplemental material:**
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:** None.
 - c. Required/Elective/Selected Elective:** Required major course for Buildings and Engineering Management students.
- 6. Specific goals 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. KPIs addressed by the course:**

KPI	a2	c1	c2
Covered	x	x	x
Assessed			
Give Feedback			

- 7. Brief list of topics to be covered and approximate number of lectures:**
 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)