

Spring 2015 – CCE 6037; CCE 4811; CGN 6905

Instructor: Mr. Elie M. Assi, P.E.

Weil Hall Room 460

Class: MAEA Bldg Room 0303

10th & 11th Period; 5:10 PM

A. Description:

This course intends to promote careful understanding of the tools, means & methods used, equipment and materials necessary to plan, execute and deliver a successful construction project.

B. Objective:

Introduce students to:

- Materials in construction
- Equipment
- Field conditions
- Planning/Scheduling

Develop students academic knowledge, understanding and technical approaches to use in construction.

C. Topics:

1. Equipment
2. Tools (Specs, Standards, Software, etc..)
3. Materials (Concrete, Asphalt, Limerock, etc..)
4. Scheduling
5. Bridges
6. Roadways

D. Grading:

- | | |
|------------|-----|
| 1. Quizzes | 25% |
| 2. Exams | 50% |
| 3. Project | 25% |