

CARNEGIE MELLON —ARCHITECTURE



Construction Progress

48-756: Project Planning and Reporting

Units: 12

Instructors: Najeeb Hameen, Gerrod Winston

The goal of this course is to expose students to advanced project scheduling methods and familiarize them with the primary reporting practices as performed in the construction industry, such as change management, resource charts and project status reports.

The course objectives are as follows:

1. Outline and discuss the established practical approaches of planning and reporting.
2. Demonstrate the dynamic nature of construction projects stemming from inherent uncertainties.
3. Hone a student's adaptability to the dynamism of the process while delivering construction projects.

This course will include both discussions on assigned topics and a studio-based collaborative group project. In order to provide a real-world experience to the students, the second half of the semester will feature a group project focused on tracking a construction project with varying situational scenarios such as changes in resources and scope creep. There will be one midterm and intermittent homework throughout the semester with the final deliverable being a “close out” document, which is essentially a compilation of all the work during the semester projects.

