

**Course Description:** Overview of management issues and scheduling for a project. Explain importance of time and risk management in construction and construction business. Study how fundamentals of scheduling, liability, and value are interrelated, and explore impacts on project, scope, and budgets. Apply constructability, sustainability, return on investment strategies, quality management terms and definitions throughout project phases.

Course Goals and Objectives:

Upon completion of this course, the student will:

1. Possess a working overview of management issues and scheduling for a project
2. Explain importance of time and risk management in construction and construction business
3. Understand how fundamentals of scheduling, liability, and value are interrelated and explore impacts on project, scope, and budget
4. Apply constructability, sustainability, return on investment strategies
5. Understand quality management terms and definitions throughout project phases

**Topical Outline**

**Percentages of Time**

Management issues and scheduling for a project	20%
Time and risk management in construction operations	20%
Scheduling, liability, and value impact on project, scope, and budget	20%
Constructability, sustainability, and return on investment strategies	20%
Quality management terms and definitions throughout project phases	20%

**Textbooks:** TBD

**Offered:** Fall semester

**Faculty:** TBD