

Course Description: Provide overview of various estimating tools and methods for managing budgets, project estimates, and costs during program, construction and facilities management phases. Identify roles and responsibilities for controlling and monitoring project cost. Identify and develop methods for creating valid project estimates and budgets. Explore Integrated Project Delivery (IPD) for budget and cost management.

Course Goals and Objectives:

Upon completion of this course, the student will:

1. Be aware of various estimating tools and methods
2. Demonstrate understanding of managing budgets, project estimates, and costs during program, construction and facilities management phases
3. Identify roles and responsibilities for controlling and monitoring project cost
4. Identify and develop methods for creating valid project estimates and budgets
5. Understand Integrated Project Delivery (IPD) for budget and cost management

Topical Outline**Percentages of Time**

Identification of various estimating tools and methods	20%
Management of budgets, project estimates, and costs during construction management phases	20%
Roles and responsibilities for controlling and monitoring project cost	20%
Identification and development of methods for creating valid project estimates and budgets	20%
Understanding the Integrated Project Delivery (IPD)	20%

Textbooks: TBD

Offered: Fall semester

Faculty: TBD