



CEE 6125 (FALL)

Construction Industry Best Practices

Key points:

- 3 credits , Friday (12-4pm)
- 12 broadcasted presentations by industry experts
- 10-12 universities join together
- No mid or final exam
- No textbook
- Online quizzes & HW
- Final group project

This course discusses the twelve current issues in the construction industry and introduces the best practices defined and developed by the Construction Industry Institute (CII) over the last 35+ years. To address these subjects, the course covers a substantial amount of material. No textbook will be used. Preparatory readings and presentations will be available through the CII's course website.

Participating Universities: ASU, Clemson, FIU, GT, Houston, Michigan-Ann Arbor, Missouri State, NCSU, Stevens, Vanderbilt, Texas -Austin

Weeks	Topics	*Class Hrs	Presenters/company
1	Course introduction	1	Dr. Cho
2	Front End Planning	3	Sandra MacGillivray, Valency
3	Implementation of Lessons Learned	3	Andrew Couch, SBM Offshore TBD
4	Risk Assessment and Disputes Prevention & Resolution	3	Steve Cabano, Pathfinder
5	Constructability	3	Doug Omichinski, Bechtel
6	Advanced Work Packaging	3	TBD, DCW Jamie Gerbrecht, ExxonMobil
7	Planning for Startup	3	Edward McDaniel, Jacobs
8	Change Management	3	Carmel Glumac, Kiewit
9	Alignment, Partnering, and Team Building	3	Tannis Liviniuk, Trillium Group
10	Materials Management	3	Jeff Houtz, Fluor Mike Reid, Dow
11	Planning for Modularization	3	Mike Kluck, KBR
12	Quality Management and Benchmarking & Metrics	3	Tammy Lynam, Burns & McDonnell Katy Johansson, ExxonMobil
13	Zero Accidents Techniques	3	Jack Frost, Matrix Services Rich Hoffer, Chevron

For questions, contact: Dr. Yong K. Cho, email: yong.cho@ce.gatech.edu