

## Tárgytematika / Course Description Construction management 2

EKNB\_KETA022

**Tárgyfelelős neve /**

**Teacher's name:** dr. Borsos Attila

**Félév / Semester:** 2023/24/1

**Beszámolási forma /**

**Assesment:** Folyamatos számonkérés

**Tárgy heti óraszám /**

**Teaching hours(week):** 2/1/0

**Tárgy féléves óraszám /**

**Teaching hours(sem.):** 0/0/0

### OKTATÁS CÉLJA / AIM OF THE COURSE

The goal of this course is to follow-up on the course Construction management I. and to provide students with knowledge on various aspects such as more advanced methods in scheduling, project, resource and quality management.

### TANTÁRGY TARTALMA / DESCRIPTION

This course covers selected topics in construction management, these are:

- Stochastic scheduling methods, Program Evaluation and Review Technique (PERT)
- Resource management
- MS Project software
- Project management organization structures
- Quality management
- Cost-benefit analysis

### SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESMENT'S METHOD

Evaluation will be based on two mid-term exams (50%) (closed book exams).

### KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

Compulsory reading: Lecture materials, handouts, pre- and post-lecture readings

Recommended reading: Frederick Gould, Nancy Joyce 2014. Construction Project Management & Leonard Holm, John E. Schaufelberger, Dennis Griffin, Thomas Cole 2005 Construction Cost Estimating: Process and Practices

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## AJÁNLOTT IRODALOM / RECOMMENDED MATERIAL