

Tárgytematika / Course Description

Construction management 2

EKNB_KETA022

Tárgyfelelős neve /

Teacher's name: dr. Borsos Attila

Félév / Semester: 2021/22/2

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 / ASSESSMENT'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