

Tárgytematika / Course Description

Quality management systems

NGM_ET108_1

Tárgyfelelős neve /

Teacher's name: dr. Borsos Attila

Félév / Semester: 2015/16/1

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 the subject is to present the quality management systems, which are currently applied in the civil engineering practice showing its advantages and disadvantages.

TANTÁRGY TARTALMA / DESCRIPTION

Basic theories of quality management, structure of complex quality management systems, environment management systems, integrated quality management systems (quality, environment, workplace health, safety). Conformity and relationship of systems, procedural approach of quality management models. Quality certification system of the European Union, European acceptance assessment and its law background. Requirements of acceptance assessment organizations. Acceptance assessment in civil engineering: buildings, structures and road network. Value Analysis, case studies.

SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESMENT'S METHOD

Written exam at the end of the semester.

KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

Lectures given in class