

Tárgytematika / Course Description

Engineering Methods of Planning

NGB_SE103_1

Tárgyfelelős neve /

Teacher's name: Dr. Kegyes-Brassai Orsolya Katalin

Félév / Semester: 2017/18/1

Beszámolási forma /

Assesment: Folyamatos számonkérés

Tárgy heti óraszám /

Teaching hours(week): 2/0/0

Tárgy féléves óraszám /

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

OKTATÁS CÉLJA / AIM OF THE COURSE

Objective of the subject is to get acquainted with the methods of planning and types of plans connected with civil engineering activity.

TANTÁRGY TARTALMA / DESCRIPTION

Methods of planning connected with civil engineering activity, types of plans, and dimensions of planning are discussed in introductory lectures. Overview is extended to structural design and construction issues (safety, risk, reliability), to supportive role of design in decision-making, and to response and ethics of designer.

SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESSMENT'S METHOD

Five homework assignments are to be prepared and submitted.

KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

<http://www.sze.hu/~scharle>

Graeme Dandy, David Walker, Trevor Daniell, Robert Warner: Planning and Design of Engineering Systems, Taylor & Francis, Second Edition, ISBN-13: 978-0415405515 ISBN-10: 0415405513 Edition: 2nd

Papres, chapters circulated on the internet.