

## **Tárgytematika / Course Description**

### **Engineering Methods of Planning**

**NGB\_SE103\_1**

**Tárgyfelelős neve /**

**Teacher's name:** dr. Scharle Péter

**Félév / Semester:** 2015/16/1

**Beszámolási forma /**

**Assesment:** Folyamatos számonkérés

**Tárgy heti óraszám /**

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

**Tárgy féléves óraszám /**

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

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### **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.

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### **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.

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### **SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESSMENT'S METHOD**

Five homework assignments are to be prepared and submitted.

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### **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.