



## COURSE DATASHEET

<b>Semester:</b>	2012/13/1
<b>Course:</b>	Design Project I.
<b>Code:</b>	VEMKKVB232T
<b>Responsible department:</b>	Department of Environmental Engineering
<b>Department code:</b>	MKKV
<b>Responsible instructor:</b>	dr. Endre Domokos

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### Course objectives:

To make students to use their obtained engineering experiences during the semesters. Students are working together in groups of 3-5 on a complex design project. Theme can be done inside the Institute (in this case themes are recommended by the teachers of the Institute of Environmental Engineering) or outside (themes are from any outer cooperating companies). In case of an outer theme there are tutorials held by a competent teacher from the Institute. During the semester students get experiences from theme working. Task are firstly in connection with searching among bibliographies.

### Course content:

Students have to solve the selected task. They have to be in communication with the teacher (theme leader) any time when it is needed. Themes can be seen in the following: Environmental effects of traffic. Hazardous waste, inert waste. Disposal of refuse Air quality control. Land cadastering. Environmentally-friendly products. Wastewater treatment. Drinking water treatment Ecotoxicology. Renewable resources. Foodstuff- safety. Environmental impact assessment. Radioecology. Environmental procedure technologies.

### Requirements, evaluation and grading:

Written essay (to hand in)

### Required and recommended readings:

A kidolgozandó témához kapcsolódó irodalom.