



SUBJECT DATASHEET

Semester:	2009/10/1
Subject:	Environmental Management Systems
Code:	VEMKKVB112R
Responsible department:	Department of Environmental Engineering
Responsible department code:	MKKV
Responsible lecturer:	Dr. Ákos Rédey

Educational objectives:

The aim of the course is that students become familiar with environmental methods applicable at companies, with the responsibilities and possibilities of experts at the company management and the development of environmental management systems.

Detailed content of the subject:

1. Environment conscious management 2. Features of environmental friendly production 3. Principles of environmental management and basis of environmental management system 4. Role of environmental protection in company management system 5. Environmental risks and responsibility of management at enterprises 6. Environmental functions at the company in the function of the environmental risks of the activity I. 7. Environmental functions at the company in the function of the environmental risks of the activity II. 8. Written examination 9. Eco-design, Eco-controlling 10. Review of environmental regulations I. (Direct regulators). 11. Review of environmental regulations II. (Economic regulators) 12. Review of environmental regulations III. (Voluntary agreements) 13. Environmental performance indicators and environmental management system I. 14. Environmental performance indicators and environmental management system I 15. Written examination

Requirements:

1 Essay (written form 10 pages) and holding a presentation during the semester. 2 Written examinations (Rate of two written exams should exceed pass mark)

Required and suggested references:

Dr. Kőmives József: Környezeti állapotfelmérés és menedzsment rendszer kialakítása, Budapest (1997) Kerekes S., Szilávik J.: A környezeti menedzsment közgazdasági eszközei, Közgazdasági és Jogi Kiadó, Környezetvédelmi kiskönyvtár 2., Budapest, (1996) Dr. Kósi K., dr. Kovács E., Dr. Kőmives J., dr. Varga J.: Auditálás, menedzsment rendszerek, Közgazdasági és Jogi Kiadó, Környezetvédelmi kiskönyvtár 5., Budapest (1997)