



COURSE DATASHEET

Semester:	2012/13/1
Course:	Environmental Management
Code:	VEMKKVB112G
Responsible department:	Department of Environmental Engineering
Department code:	MKKV
Responsible instructor:	Károly Tóvári

Course objectives:

Introducing the basics of environmental economics in Hungary.

Course content:

1. Effective methods of environmental economics, eco-marketing, eco-balance, SWOT analysis. 2. Prevention of waste production, environmentally sound production. 3. Environmentally sound production – case studies. 4. Integrated waste management, AUDI case study. 5. Product evaluation, management of resources, energy-analysis, product-line analysis. 6. Product evaluation, management of resources, life cycle assessment. 7. Industrial ecology. 8. Environmental effects on producing-servicing activities. 9. Environmental awareness during product-planning. 10. Characteristics of environment-friendly production, fundamentals of the environmental management system. 11. Characteristics of the environmental-friendly products. 12. Environmental risks and the responsibility of the leaders at companies. 13. Environmental management. 14. The environmental function of a company in accordance with the changing environmental risks. 15. Further case studies.

Requirements, evaluation and grading:

2 written tests with average grade two at least.

Required and recommended readings:

Kósi K- Szlávik J – Valkó L: Környezetgazdaságtan- Környezet-menedzsment (válogatott fejezetek) Valkó L- Kósi K- Herczeg M: Környezetmenedzsment Buday- Sántha Attila: Környezetgazdálkodás Thurcany Guy: Environmental Management System Nádudvari Z: Az Európai Unió környezeti menedzsment rendszere EMAS I, EMAS II. Bány Gy: Környezetvédelmi kézikönyv