



COURSE DATASHEET

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| Semester: | 2013/14/2 |
| Course: | Environmental Management Systems I. |
| Code: | VEMKKVM112R |
| Responsible department: | Department of Environmental Engineering |
| Department code: | MKKV |
| Responsible instructor: | Dr. Ákos Rédey |

Course objectives:

Introduction of the environmental management systems.

Course content:

1. Development of environmental management systems and their implementation. 2. Problems in connection with the environmental impact assessments, changes that may come. 3. Environmental Policy of the European Union and environmental regulations. 4. Writing tenders in the European Union. 5. EMAS and ISO 14001. ISO 14001:2004 – Hungarian issue. 6. Environmental green-tax: calculation and cashing in. 7. E-waste and the relating EU regulations. 8. Experiences of Kyoto and emissions, emission monitoring, first experiences of the emission monitoring report. 9. Quota sharing and quota trade. 10. Ecological footprint and its calculation. Eco-mapping. 11. Report and evaluation of the first National Environmental Program (1997-2002). National Environmental Program (2003-2008). 12. Case studies in connection with environmental authority processes.

Requirements, evaluation and grading:

According to the requirements of fulfillment.

Required and recommended readings:

Dr. Rédey Á., Módi M., Utasi A.: Környezeti menedzsment rendszerek, Veszprémi Egyetemi Kiadó 2004. Dr. Rédey Á., Utasi A.: Vázlatok a „Környezeti menedzsment rendszerek” című jegyzethez, Veszprémi Egyetemi Kiadó 2004. Dr. Rédey Á. Módi M.: ESETTANULMÁNY a Környezetközpontú irányítási rendszer dokumentumainak kialakításához, Kézirat Dócsné Balogh Zs.: A költség-haszon, a költséghatékonyság és értékelemzés alkalmazása a kármentesítés során