



## SUBJECT DATASHEET

<b>Semester:</b>	2009/10/2
<b>Subject:</b>	Waste Management Practice
<b>Code:</b>	VEMKKVT222H
<b>Responsible department:</b>	Department of Environmental Engineering
<b>Responsible department code:</b>	MKKV
<b>Responsible lecturer:</b>	Dr. Rita Szakácsné Földényi

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### Educational objectives:

To get practical knowledge in the field of waste management.

### Detailed content of the subject:

1. Composition, sources and properties of municipal solid waste. 2. Physical, chemical and biological properties of municipal solid waste. 3. Sources, types and properties of hazardous components in municipal solid waste. 4. Solid waste generation, collection and transportation 5. Waste treatment, selection, storage and processing. 6. Waste minimization techniques. 7. Waste Recycling. 8. Plastic and paper waste. 9. Electronic waste. 10. Disposal of car wrecks waste. 11. Disposal of the medical waste. 12. Thermal treatment of waste. 13. Biological and chemical methods for waste treatment. 14. Written examination. 15. Waste landfill.

### Requirements:

Preparation of oral and written statements for a specified date+ Written examination.

### Required and suggested references:

? G. Tchobanoglous, H. Theisen, S.A. Vigil: Integrated Solid Waste Management. - Engineering Principles and Management Issues, McGraw-Hill Int. Ed., 1993. ? <http://www.ktm.hu/>, 2004-06-01