



## COURSE DATASHEET

<b>Semester:</b>	2013/14/1
<b>Course:</b>	Industrial Furnaces and Driers II.
<b>Code:</b>	VEMKMU4233G
<b>Responsible department:</b>	Department of Chemical Engineering Science
<b>Department code:</b>	MKMU
<b>Responsible instructor:</b>	dr. László Szokonya

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### Course objectives:

Deepening the knowledge about unit operations in practice.

### Course content:

1st Mixture of solid particulate matter 2nd Residence time spectrum 3rd Heat transfer between the sphere and the fluid phase 4th Drying kinetics 5th Burner flame temperature 6th Fluidized bed dryer injector testing 7th Soren-effect study 8th Independent Task I. 9th Independent Task I. 10th Independent Task I. 11th Independent Task II. 12th Independent Task II. 13th Independent Task II. 14th Report of the individual tasks

### Requirements, evaluation and grading:

Accomplishment of the assigned measurements.

### Required and recommended readings:

Vegyipari Műveleti Tanszék Munkaközösség: Vegyipari műveleti laboratóriumi gyakorlatok (Kézirat, 1995)