



SUBJECT DATASHEET

Semester:	2010/11/1
Subject:	Chemical process engineering laboratory practice
Code:	VEMKMUB132A
Responsible department:	Department of Chemical Engineering Science
Responsible department code:	MKMU
Responsible lecturer:	dr. Géza Horváth

Educational objectives:

The aim of the course is that students practise the basic unit operations.

Detailed content of the subject:

1. Solvent fume removal from air with adsorption 2. Gas adsorption in packed adsorber 3. Pervaporation 4. Extraction 5. Wastewater treatment 6. Fluid absorption 7. Rectification 8. Tube reactor 9. Ion exchange

Requirements:

Accomplishment of the measurements.

Required and suggested references:

Marton Gy., Dencs Béláné: Vegyipari műveletek levelező tagozatos hallgatók számára. VE Kézirat, Fonyó Zsolt - Fábry György: Vegyipari művelettani alapismeretek. Nemzeti Tankönyvkiadó Rt, Budapest. 1998.
Perry, J.H.: Vegyészmérnökök Kézikönyve. Műszaki Könyvkiadó, Bp., 1968. www.kemtech.net