Ene-39.4027 Mass Transfer, Course info

Lectures: 6 times, dates: 23.9, 7.10, 14.10, 28.10, 4.11 and 11.11,
at 12.15 - 14.00

Exercises: 5 times; dates: 15.10, 29.10, 5.11, 12.11 and 19.11,
at 12.15 – 14.00

Both lectures and exercises are at lecture hall 172, Sähkömiehentie 4A (building Mechanical Eng. 4)

Exercise problems are issued a week before the exercise date at the latest on MyCourses pages and there is always one **homework problem** which students should solve by themselves beforehand. The hand-made solutions should be returned before the exercise starts, either to the assistant in the exercise or to the brown sheet metal box next to the room 312 in K1 building (Otakaari 1, 3rd floor). The scores earned from the homework problems are taken in account in a course assessment and max. 2 scores can be achieved per homework problem. Homeworks and exercises are **voluntary**. In the exercises, the assistant presents the model solutions. The model solutions of non-homework problems will be issued on MyCourses pages.

If you want your own solution back, please write TO BE RETURNED beside your name and student number. Then your solution will be put into the course folder in the gray sheet metal closet next to the room 312 in K1 building (Otakaari 1, 3rd floor).

There will be **three larger assignments** which students should solve on their own during the course. The assignments will be issued during October on MyCourses pages and the solutions should be returned in the beginning of the December (the exact date and more detailed instructions will be confirmed later). The scores earned from the assignments are taken in account in a course assessment. These assignments are **voluntary.** The assignments will be managed by Ari Seppälä. More info later.

The assessment of the course is done on the basis of the scores from **homework problems** (portion of maximum 1/6), **larger assignments** (portion of maximum 1/3) and **exam** (portion of maximum 1/2)**.** Also as a threshold condition one has to get in exam at least 20 % of the maximum scores to pass the course. The passing limit of the course will be around 1/3 of the overall maximum points. Hence **it is important to achieve scores from the homework problems and assignments in order to pass the course!**

Exam times:

- 18.12.2015 at 12 - 16
- 16.02.2016 at 16 - 20
- 21.04.2016 at 16 - 20

Register to exam via WebOodi.

Certain supporting literature is allowed in the exam, but no exercise papers or self-written papers whatsoever. More info about this later.

Personnel:

Ari Seppälä, ari.seppala@aalto.fi, TEL: 050 441 2110 (lectures and larger assignments).

Tuula Noponen, tuula.noponen@aalto.fi, TEL: 050 598 0771 (lectures).

Voitto Kotiaho, voitto.kotiaho@aalto.fi, TEL: 050 414 7217 (exercises), consultation hours on Tuesdays 13-15 and per agreement. Room 404 at Sähkömiehentie 4J (floor 4).

Study material:

Seppälä&Lampinen, Aineensiirto-oppi, Otatieto/Yliopistokustannus 604 (in Finnish, check the erratum in MyCourses). Adlibris 18,90 €, Pikakirjakauppa 5 € until 30.9. (25 €)!

E.L.Cussler - Diffusion Mass Transfer in Fluid Systems. Adlibris 55,80 €, Amazon 28-88 $

Possible extra material published on MyCourses pages