

ENCH630: TRANSPORT PHENOMENA, Spring 2002

Instructor:

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Course web: <http://www.glue.umd.edu/~dimitrak/Courses>

Teaching Assistant:

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Course Objectives:

In this course, we will develop an understanding of the transport of momentum, heat and mass on microscopic and macroscopic scales, using the analogies among the three types of transport.

Required Text:

Analysis of Transport Phenomena, by William M. Deen.
Oxford University Press, 1998.
On reserve at the Engineering Library.

Supplementary Reading:

As required

Grading Policy:

Homework	15 %
Two mid-term exams of equal weight	$2 \times 25 = 50$ %
Final exam	35 %

Examinations:

Each of the two “mid-term” exams will be one class period in length.
Dates (subject to change): Monday March 11, 2002 & Monday April 22, 2002.
Final Exam: the date is set by the University.

Homework Assignments:

Homework problems will be assigned on a regular basis.
The homework must be submitted at the beginning of the class the date it is due.
The problems and the solutions will be posted on the course web page.

Academic Honesty:

Any academic dishonesty will not be tolerated.
For more information see: <http://www.testudo.umd.edu/soc/dishonesty.html>