

Syllabus for ME 325 Spring Semester 2008

Professor C.Y. Wang

1. General Information

- **Prerequisite:** Undergraduate fluid mechanics or equivalent.
- **Format:** There will be no formal lectures in this course, since this is a laboratory course, but students are expected to know the fundamentals of fluid mechanics from their prerequisite fluid mechanics course. The instructor and a TA (teaching assistant) are available to answer questions about the labs and the lab reports.
- **Textbook:** There is no required textbook for this course, but students should have access to the fluid mechanics textbook they used in their prerequisite fluid mechanics course.
- **Room:** All labs are conducted in Room 102 Reber Building.
- **URL:** <http://www.mne.psu.edu/me325>
- **Course Format:** There are 10 required lab experiments (one per week), which are rotated among lab groups of two or three individuals. After this, each group of students will perform a final project of their own choosing.

2. Grading

- Grades for the course are determined based on the following table:

| Component of grade | Grade value | Schedule |
|---|---------------|--|
| Required labs (10), including precalculations and lab reports | 70% (7% each) | One per week, beginning with the second week of class. Required labs are graded by the TA. |
| Lab participation | 5% | Students are evaluated at the end of the semester. The lab participation grade is determined by the TA. |
| Final Project Proposal | 10% | Due by 5:00 p.m. on the last day of required labs. Proposals will be graded by Professor Wang, and will be returned by the beginning of the following class period. |
| Final Project Report | 15% | Due by 5:00 p.m. on the first day of finals week (May 5 th). Final project reports will <i>not</i> be returned, but will be available for review if desired. Therefore, students may wish to make copies of their final reports before handing them in. |
| Total | 100% | |

Cheating Policy: Students should refer to the College of Engineering's [Academic Integrity web site](http://www.engr.psu.edu/CurrentStudents/acadinteg.asp), at <http://www.engr.psu.edu/CurrentStudents/acadinteg.asp>, which explains what behaviors are in violation of academic integrity, and the review process for such violations. Specifically for this course:

- First offense: Zero score for the item in question.
- Second offense: **Failure of the course.**