

CHE 514 (4 Cr.) – Fluid Flow
Winter Quarter 2015
School of Chemical, Biological, and Environmental Engineering
Oregon State University
2014.12.05
TEAM PROJECT

Project Description: Fluid Flow Lecture

Due Date: 2015.03.16

(no late projects will be accepted without pre-arranged consent of the instructor)

Additional Information: Please refer to the syllabus for further information.

Team Project Grading: *20% of course grade*

Lecture	60% of the project grade
Lecture reader	30% of the project grade
Administrative tasks	10% of the project grade

If you determine that a regrade is necessary, the entire assignment will be regraded.

Timeline

- Lec. 2: during the second week of the course, you will be organized into teams, and you will identify a time to give your lecture.
- Lec. 4: during the fourth week of the course by 1600 on 2015.01.26, you will submit the topic that you intend to present.
- Lec. 6: during the sixth week of the course by 1600 on 2015.02.09, you will submit a brief outline of your lecture.
- Lec. 10: during the tenth week of the course, you will be presenting your lectures during the normal course times.
- Lec. 10: following your presentation by 2000 on 2014.03.16, you will submit a finalized version of your lecture with updates in a style worthwhile of a course reader.

Lecture: 60%

The lecture will be the major portion of your project. You will choose a relevant topic on fluid flow, which will be approved by the instructor. Examples of topic suggestions include the later chapters in the texts by Leal or by Bird, Stewart, and Lightfoot that will not be covered in this class. As a team, you will give a thirty (30) minute lecture on your topic to the course during the time slot that you choose.

You will be graded on this project both by the class as a whole and by the instructor.

Lecture Reader: 30%

In addition to giving the lecture to the class, you must provide a formal set of lecture notes that you intend to present during the next iteration of the presentation (i.e., if you had to present the lecture again in the following year, you would evolve what you did this year with the suggestions that are made). A general format will be provided in the form of a \LaTeX file.

Administrative Tasks: 10%

- Team designation and lecture slot
- Lecture topic
- Lecture outline
- Lecture reader
- Team evaluations

Important Dates:

Add/Drop Deadline	2015.01.16
Midterm I	2015.01.26 1100-1250
Midterm II	2015.02.16 1100-1250
Withdraw Deadline	2015.02.20
Final Exam	2015.03.06 – 2015.03.16 2000
Lecture Submission	2014.03.16 2000