

# WUSTL Course Evaluations

5/19/2011

**Title of Course:** FLUID MECHANICS

**Course:** T17 3700

**Section:** 01

**Semester:** Spring 2010

**Instructors:** Michael Wendl (Instructor)

**Completed Evaluations:** 13 of 43 (30%)

## Scoring Key

**Bold** - Score

(S) - SEAS Average Score For the Template

(D) - Department's Average Score For the Template

(M) - Median Score For the Question

## **Course Section Requirements:**

Number of Quizzes	n/a
Number of Examinations	n/a
Number of short papers (1-5pgs)	n/a
Number of long papers (6 +pgs)	n/a
Number of homework assignments	n/a
Number of individual projects	n/a
Number of group projects	n/a
Number of oral presentations	n/a
Was attendance required?	No
Was class participation required?	No
Were take home exams given?	No

## Engineering

Additional Questions (NOT Instructor Specific)

**Was the day and time of the final examination originally scheduled for this course changed in any way after you registered for the class?**

(blank)	Yes	No
0 (0.00%)	1 (7.69%)	8 (61.54%)

Course Administration (Michael Wendl - Instructor)

**Was a course syllabus or a course information sheet distributed or available online?**

(blank)	Yes	No
0 (0.00%)	13 (100.00%)	0 (0.00%)

**Did the syllabus explain the content and administration of the course (e.g., office hours, grading)?**

(blank)	Yes	No	N/A
0 (0.00%)	13 (100.00%)	0 (0.00%)	0 (0.00%)

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**6.15 In retrospect, the syllabus was an accurate reflection of how the course was actually taught.**

(S) 5.94 of 2772	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
(D) 5.61 of 62	0 (0.00%)	1 (7.69%)	0 (0.00%)	0 (0.00%)	1 (7.69%)	0 (0.00%)	2 (15.38%)	9 (69.23%)	0 (0.00%)
(M) 7.00									

**Early in the semester, did your professor explain the expectations for academic integrity?**

(blank)	Yes	No
0 (0.00%)	13 (100.00%)	0 (0.00%)

**6.23 The course matched the course catalog description.**

(S) 6.01 of 2772	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.91 of 62	0 (0.00%)	1 (7.69%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (7.69%)	2 (15.38%)	9 (69.23%)
(M) 7.00								

Instructor (Michael Wendl - Instructor)

**6.08 Instructor made the course interesting.**

(S) 5.29 of 2772	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.39 of 62	0 (0.00%)	1 (7.69%)	0 (0.00%)	0 (0.00%)	1 (7.69%)	1 (7.69%)	1 (7.69%)	9 (69.23%)
(M) 7.00								

**6.31 Instructor was enthusiastic about the course.**

(S) 5.91 of 2772	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.92 of 62	0 (0.00%)	1 (7.69%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (7.69%)	1 (7.69%)	10 (76.92%)
(M) 7.00								

**6.15 The material was covered at a reasonable pace.**

(S) 5.61 of 2772	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.46 of 62	0 (0.00%)	0 (0.00%)	1 (7.69%)	0 (0.00%)	0 (0.00%)	1 (7.69%)	4 (30.77%)	7 (53.85%)
(M) 7.00								

**6.23 Instructor was available to answer questions (through office hours, email, etc.).**

(S) 5.87 of 2772	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.44 of 62	0 (0.00%)	0 (0.00%)	1 (7.69%)	0 (0.00%)	1 (7.69%)	0 (0.00%)	2 (15.38%)	9 (69.23%)
(M) 7.00								





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<b>6.00</b>		<b>Recitation section served to enhance your understanding of the course material.</b>							
(S) 5.78 of 2772	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
(D) 6.45 of 62	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (7.69%)	0 (0.00%)	1 (7.69%)	2 (15.38%)	5 (38.46%)
(M) 6.50									

Exams and Grade (Michael Wendl - Instructor)

<b>6.77</b>		<b>Exams reflected material taught.</b>							
(S) 5.77 of 2772	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
(D) 5.48 of 62	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (23.08%)	10 (76.92%)	0 (0.00%)
(M) 7.00									

<b>6.69</b>		<b>Adequate time was given to complete exams.</b>							
(S) 5.80 of 2772	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
(D) 5.05 of 62	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (7.69%)	2 (15.38%)	10 (76.92%)	0 (0.00%)
(M) 7.00									

**Expected grade for this course.**

(blank)	A	B	C	D	F	P
0 (0.00%)	8 (61.54%)	2 (15.38%)	3 (23.08%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

<b>6.69</b>		<b>Your grades to this point accurately reflect your understanding of the material</b>							
(S) 5.47 of 2772	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	
(D) 5.39 of 62	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	4 (30.77%)	9 (69.23%)	
(M) 7.00									

<b>6.69</b>		<b>The grading system was consistent and equitable.</b>							
(S) 5.64 of 2772	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	
(D) 5.22 of 62	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	4 (30.77%)	9 (69.23%)	
(M) 7.00									

Overall (Michael Wendl - Instructor)

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## About how many hours per week did you spend on this course outside of class?

(blank)	0	1-3	4-6	7-9	10-12	13-15	Over 15
0 (0.00%)	0 (0.00%)	4 (30.77%)	5 (38.46%)	2 (15.38%)	1 (7.69%)	1 (7.69%)	0 (0.00%)

## What percentage of the lectures did you attend?

(blank)	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	6 (46.15%)	7 (53.85%)

### 6.62

#### You would recommend this course to others.

(S) 5.27 of 2772

(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (7.69%)	0 (0.00%)	2 (15.38%)	10 (76.92%)

(D) 5.26 of 62

(M) 7.00

### 6.54

#### Overall satisfaction with the course.

(S) 5.32 of 2772

(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (7.69%)	0 (0.00%)	3 (23.08%)	9 (69.23%)

(D) 5.09 of 62

(M) 7.00

### 6.54

#### The course enhanced your ability to apply knowledge of mathematics, sciences and engineering.

(S) 5.55 of 2772

(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (7.69%)	0 (0.00%)	3 (23.08%)	9 (69.23%)

(D) 5.56 of 62

(M) 7.00

### 6.17

#### The course enhanced your ability to function on multidisciplinary teams.

(S) 4.99 of 2772

(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (15.38%)	1 (7.69%)	2 (15.38%)	7 (53.85%)

(D) 4.95 of 62

(M) 7.00

### 5.92

#### The course enhanced your ability to communicate effectively.

(S) 4.92 of 2772

(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (23.08%)	1 (7.69%)	2 (15.38%)	6 (46.15%)

(D) 4.98 of 62

(M) 6.50

### 6.42

#### The course enhanced your ability to use the techniques, skills and modern engineering tools necessary for engineering practice.

(S) 5.52 of 2772

(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (7.69%)	0 (0.00%)	4 (30.77%)	7 (53.85%)

(D) 5.43 of 62

(M) 7.00

## Additional Questions

## Course Administration (Michael Wendl - Instructor)

**Please elaborate if you felt the course did NOT match the course catalog description.**

## Instructor (Michael Wendl - Instructor)

**Please elaborate if you felt the material was NOT covered at a reasonable pace.**

02 2nd part, after first exam, seems to be a little bit too fast

## Course Materials and Assignments (Michael Wendl - Instructor)

**Please elaborate if you felt the textbooks/readings were NOT useful.**

02 Book is overwhelming; the instructors notes are way better

08 Handout notes were helpful in streamlining ( pardon the pun) the material. Very helpful to know exactly what the teacher finds important in lieu of guessing through 400 pages

## TA and Recitation (Michael Wendl - Instructor)

**Please comment on the effectiveness of the TA.**

02 his knowledge on the subject and derivations are impressive; he breads fluids; very strong presentation skills

09 No TA was available.

**Please comment on the effectiveness of the recitation section**

09 No recitation section available.

## Exams and Grade (Michael Wendl - Instructor)

**Please elaborate if you felt the grading system was NOT consistent and equitable.**

## Overall (Michael Wendl - Instructor)

**Any comments on why you did or did not attend lecture?**

11 had to finish assignments for other classes

## Comments (Michael Wendl - Instructor)

**What did you like most about this course?**

00 How exhaustively and completely it covers all of the subject's fundamentals.

01	It was one of the first courses I could relate to real world scenarios especially in my field.
02	it's chalanging
06	The applications of the material
07	The topic.
09	Course content was interesting. Course was taught extremely well. The notes/textbook that was provided at the beginning of the semester made the course material extremely easy to follow.
10	A combination of book examples and examples in class that were not included in the book made this course more realistic and relative.

**What did you like the most about the professor/instructor?**

00	Extremely intelligent, personable, enthusiastic about the subject, proves and understands everything he says or writes on the board.
01	He is incredibly smart yet he conveys the information so that we are able to understand. He doesn't teach to hear himself talk, he teaches so that we learn.
02	presentation skills
06	He really knows what he's talking about.
07	Easy to understand.
09	Instructor had an uncanny ability to present a difficult subject in an easy-to-follow manner. Notes were terrific. Lectures followed exactly from the notes. Instructor was always enthusiastic about the subject. May be one of the best instructors we've got in this program!
10	He knew what areas to elaborate on and what to exclude during an explanation of a problem or theory.
11	He was enthusiastic and seemed like he really knew the material.

**How could this course improve?**

00	I expected more tests. Exams could have actually been a lot harder. Not necessarily complaints for most people.
01	I really enjoyed the course.
06	The homework assignments are sometimes unclear and do not reflect the examples gone over in class, prior. Some of the homework problems assigned, were given even before the subject was discussed in class.
09	Nothing! I wish all courses flowed this smoothly.
11	Use more examples with actual numbers rather than assigning all problems with only variables.

**How could the professor/instructor improve?**

00	No idea.
01	No improvement needed.
02	write the whole book on the subject
06	Possibly, the homework assignments should be taken from the textbook rather than created by the instructor.
09	N/A
11	Have office hours other than just right after the lecture, as many of us had another class right after this one. Or have help sessions with the graders.

**What would you tell another student who asked you to describe this course?**

00	Course is very interesting, most of the problems are worked with variables, which is fun times.
01	It is fast paced so don't get behind, attend all classes because you will learn something new every day.
02	Tough course, but Michael Wendl makes it easy and understandable
06	It's very interesting and challenging!
07	Do your homework.
09	Take this course.



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- |    |   |
|----|---|
| 10 | This is a course in which you will not only learn theory, but you will also develop skills and techniques to solve real world problems.   |
| 11 | I'd say that the teacher knows the material very well and is excited about teaching the course, but he assigns problems that use nothing but variables. I think I could've learned the material better if the problems had numerical values rather than just variables. |

**Have you observed any violations of academic integrity (e.g., cheating) in this course? If so, do NOT list the names of student(s) involved; only describe the violation that you observed.**

- |    |     |
|----|-----|
| 00 | No. |
| 01 | No  |
| 02 | no  |
| 06 | No. |
| 07 | no. |
| 09 | No. |
| 10 | No. |
| 11 | no  |

**Any additional comments?**

- |    |        |
|----|--------|
| 01 | Thanks |
|----|--------|