

WUSTL Course Evaluations

5/19/2011

Title of Course: FLUID MECHANICS

Course: T17 3700

Section: 01

Semester: Spring 2006

Instructors: Michael Wendl (Instructor)

Completed Evaluations: 6 of 29 (21%)

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 Template

Organization and Grading (Michael Wendl - Instructor)

1.00 Course requirements clearly communicated?

(S) 1.08 of 3479	(blank)	Yes	No
(D) 1.06 of 36	0 (0.00%)	6 (100.00%)	0 (0.00%)
(M) 1.00			

1.00 Course lived up to its description?

(S) 1.09 of 3479	(blank)	Yes	No
(D) 1.06 of 36	0 (0.00%)	6 (100.00%)	0 (0.00%)
(M) 1.00			

1.17 Understood grading procedure at the outset?

(S) 1.13 of 3479	(blank)	Yes	No
(D) 1.19 of 36	0 (0.00%)	5 (83.33%)	1 (16.67%)
(M) 1.00			

1.00 Your grade accurately reflects understanding of the material?

(S) 1.21 of 3479	(blank)	Yes	No
(D) 1.34 of 36	0 (0.00%)	6 (100.00%)	0 (0.00%)
(M) 1.00			

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1.00 Exams covered what you expected?

(S) 1.13 of 3479 (blank) Yes No
 (D) 1.32 of 36 0 (0.00%) 6 (100.00%) 0 (0.00%)
 (M) 1.00

1.17 Comments on written work sufficient?

(S) 1.22 of 3479 (blank) Yes No
 (D) 1.29 of 36 0 (0.00%) 5 (83.33%) 1 (16.67%)
 (M) 1.00

7.67 Overall rating for organization/ grading

(S) 6.94 of 3479 (blank) 1 - Poor 2 3 4 5 6 7 8 9 - Excellent
 (D) 6.81 of 36 0 (0.00%) 0 (0.00%) 0 (0.00%) 0 (0.00%) 0 (0.00%) 1 (16.67%) 2 (33.33%) 1 (16.67%) 2 (33.33%)
 (M) 7.50

Course Content (Michael Wendl - Instructor)

1.00 Work load for course was appropriate?

(S) 1.14 of 3479 (blank) Yes No
 (D) 1.16 of 36 0 (0.00%) 6 (100.00%) 0 (0.00%)
 (M) 1.00

1.00 Were you positively challenged to live up to your potential?

(S) 1.15 of 3479 (blank) Yes No
 (D) 1.16 of 36 0 (0.00%) 6 (100.00%) 0 (0.00%)
 (M) 1.00

1.00 Reasonable time to complete assignments?

(S) 1.10 of 3479 (blank) Yes No
 (D) 1.09 of 36 0 (0.00%) 6 (100.00%) 0 (0.00%)
 (M) 1.00

1.00 You found this course beneficial?

(S) 1.17 of 3479 (blank) Yes No
 (D) 1.25 of 36 0 (0.00%) 6 (100.00%) 0 (0.00%)
 (M) 1.00

1.00 Combined "real world" applications with course material?

(S) 1.12 of 3479 (blank) Yes No
 (D) 1.22 of 36 0 (0.00%) 6 (100.00%) 0 (0.00%)
 (M) 1.00

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1.50 Overall did you spend more time on this class than others?

(S) 1.50 of 3479	(blank)	Yes	No
(D) 1.31 of 36			
(M) 1.50	0 (0.00%)	3 (50.00%)	3 (50.00%)

8.33 Overall rating for course content

(S) 6.96 of 3479	(blank)	1 - Poor	2	3	4	5	6	7	8	9 - Excellent
(D) 6.69 of 36										
(M) 8.50	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (16.67%)	2 (33.33%)	3 (50.00%)

Teaching (Michael Wendl - Instructor)

1.00 Instructor is concerned for students?

(S) 1.10 of 3479	(blank)	Yes	No
(D) 1.16 of 36			
(M) 1.00	0 (0.00%)	6 (100.00%)	0 (0.00%)

1.00 Instructor is enthusiastic about course?

(S) 1.09 of 3479	(blank)	Yes	No
(D) 1.09 of 36			
(M) 1.00	0 (0.00%)	6 (100.00%)	0 (0.00%)

1.00 Instructor demonstrated expertise in course material?

(S) 1.06 of 3479	(blank)	Yes	No
(D) 1.03 of 36			
(M) 1.00	0 (0.00%)	6 (100.00%)	0 (0.00%)

1.00 Instructor made the course interesting?

(S) 1.28 of 3479	(blank)	Yes	No
(D) 1.22 of 36			
(M) 1.00	0 (0.00%)	6 (100.00%)	0 (0.00%)

1.80 The TA for this course was effective?

(S) 1.36 of 3479	(blank)	Yes	No
(D) 1.52 of 36			
(M) 2.00	1 (16.67%)	1 (16.67%)	4 (66.67%)

1.17 Lecture was organized and easy to follow?

(S) 1.23 of 3479	(blank)	Yes	No
(D) 1.13 of 36			
(M) 1.00	0 (0.00%)	5 (83.33%)	1 (16.67%)

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1.00 Professor generally available for questions?

(S) 1.09 of 3479	(blank)	Yes	No
(D) 1.13 of 36			
(M) 1.00	0 (0.00%)	6 (100.00%)	0 (0.00%)

1.50 Homework/ Tests were returned promptly?

(S) 1.20 of 3479	(blank)	Yes	No
(D) 1.25 of 36			
(M) 1.50	0 (0.00%)	3 (50.00%)	3 (50.00%)

8.17 Overall rating for teaching quality?

(S) 6.95 of 3479	(blank)	1 - Poor	2	3	4	5	6	7	8	9 - Excellent
(D) 7.28 of 36										
(M) 9.00	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (16.67%)	1 (16.67%)	0 (0.00%)	4 (66.67%)

Overall Course Evaluation (Michael Wendl - Instructor)

8.17 Overall satisfaction with the course

(S) 6.77 of 3479	(blank)	1 - Poor	2	3	4	5	6	7	8	9 - Excellent
(D) 6.91 of 36										
(M) 9.00	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (16.67%)	1 (16.67%)	0 (0.00%)	4 (66.67%)

Grade (Michael Wendl - Instructor)

Expected grade for this course

(blank)	A	B	C	D	F	P
0 (0.00%)	1 (16.67%)	3 (50.00%)	2 (33.33%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Supplemental Course Professor Evaluation (Michael Wendl - Instructor)

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

(S) 5.37 of 3479	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.68 of 36								
(M) 7.00	1 (16.67%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (16.67%)	1 (16.67%)	3 (50.00%)

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5.60	The course enhanced your ability to design and conduct experiments.							
(S) 4.31 of 3479	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 4.96 of 36	1 (16.67%)	0 (0.00%)	0 (0.00%)	1 (16.67%)	0 (0.00%)	1 (16.67%)	1 (16.67%)	2 (33.33%)
(M) 6.00								

6.20	The course enhanced your ability to analyze and interpret data.							
(S) 4.96 of 3479	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.32 of 36	1 (16.67%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (16.67%)	2 (33.33%)	2 (33.33%)
(M) 6.00								

5.80	The course enhanced your ability to design a system, component, or process to meet desired needs.							
(S) 5.04 of 3479	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.35 of 36	1 (16.67%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (50.00%)	0 (0.00%)	2 (33.33%)
(M) 5.00								

5.20	The course enhanced your ability to function on multidisciplinary teams.							
(S) 4.40 of 3479	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 4.73 of 36	1 (16.67%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (16.67%)	3 (50.00%)	0 (0.00%)	1 (16.67%)
(M) 5.00								

6.60	The course enhanced your ability to identify, formulate, and solve engineering problems.							
(S) 5.20 of 3479	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.46 of 36	1 (16.67%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (33.33%)	3 (50.00%)
(M) 7.00								

4.60	The course enhanced your ability to understand professional and ethical responsibility.							
(S) 4.21 of 3479	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 4.28 of 36	1 (16.67%)	0 (0.00%)	1 (16.67%)	0 (0.00%)	1 (16.67%)	2 (33.33%)	0 (0.00%)	1 (16.67%)
(M) 5.00								

5.40	The course enhanced your ability to communicate effectively.							
(S) 4.58 of 3479	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 4.68 of 36	1 (16.67%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (16.67%)	2 (33.33%)	1 (16.67%)	1 (16.67%)
(M) 5.00								

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5.20 The course enhanced your ability to understand the impact of engineering solutions in a global and social context.

(S) 4.42 of 3479	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 4.73 of 36	1 (16.67%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (16.67%)	3 (50.00%)	0 (0.00%)	1 (16.67%)
(M) 5.00								

6.20 The course helped you recognize the need for, and an ability to engage in, life-long learning.

(S) 4.80 of 3479	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 4.81 of 36	1 (16.67%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (16.67%)	0 (0.00%)	1 (16.67%)	3 (50.00%)
(M) 7.00								

5.00 The course increased your knowledge of contemporary social issues.

(S) 3.76 of 3479	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 4.35 of 36	1 (16.67%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (50.00%)	0 (0.00%)	1 (16.67%)	1 (16.67%)
(M) 4.00								

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

(S) 5.22 of 3479	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.33 of 36	1 (16.67%)	0 (0.00%)	0 (0.00%)	1 (16.67%)	0 (0.00%)	1 (16.67%)	1 (16.67%)	2 (33.33%)
(M) 6.00								

6.60 The instructor's ability to communicate in class contributed to your ability to learn the material.

(S) 5.13 of 3479	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.21 of 36	1 (16.67%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (33.33%)	3 (50.00%)
(M) 7.00								

6.60 The classroom sessions/lectures for this course were worth attending each week.

(S) 5.10 of 3479	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.00 of 36	1 (16.67%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (16.67%)	0 (0.00%)	4 (66.67%)
(M) 7.00								

1.20 Was a course syllabus or a course information sheet distributed the first week of class?

(S) 1.04 of 3479	(blank)	Yes	No
(D) 1.04 of 36	1 (16.67%)	4 (66.67%)	1 (16.67%)
(M) 1.00			

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

(S) 1.04 of 3479	(blank)	Yes	No
(D) 1.00 of 36	1 (16.67%)	5 (83.33%)	0 (0.00%)
(M) 1.00			

1.00 In retrospect, was the syllabus an accurate reflection of how the course was actually taught?

(S) 1.08 of 3479	(blank)	Yes	No
(D) 1.07 of 36	1 (16.67%)	5 (83.33%)	0 (0.00%)
(M) 1.00			

General Comments (Michael Wendl - Instructor)

What did you like most about this course and professor?

- 01 Very good and highly organized professor. Class covered interesting material.
- 03 The material was advanced, and i love the intro to complex theory that i get. using integral vs differential analysis is lovely to me
- 04 Michael is an awesome teacher; extremely intelligent, and easy to listen to.

How could this course and professor improve?

- 01 Very little. I wish i could have taken the lab concurrently.
- 02 There should be more examples done. Also some of the homework problems should follow whats in the book. We refer to the book less because Prof. Wendl had his on notes that outline the book. Seriously, it was a summasry of the book.
- 03 spend more time on head loss in joints. and dimensionless analysis, but otherwise i get just about everything
- 04 I am not sure he could!

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

- 03 there's alot of math. using the equations physicists and mathematicians figured out is challenging but interesting
- 04 The teacher makes sure everyone understands what is going on, and takes the time to help.

Was the text useful? Was it understandable? Why or why not?

- 01 Yes
- 03 oh, kind of just an average book, not bad at all tho really
- 04 I only used it a little. He also has some very helpful notes. I took fluids about 20 years ago, but it was like taking it for the first time, again.

Were the assigned homework or problem sets helpful and relevant to the course? Why or why not?

- 01 Yes
- 03 yes, the problem set assesed me good, and the tests did too.
- 04 Yes; they were just like what he covered in class, usually!

Please use this space to comment on any other aspect of the course. (i.e., help sessions, teaching assistants, etc.)

- 03 cool guy wendl, but his sweatshirts are kinda cheezy. really enjoyed the class buddy...