

WUSTL Course Evaluations

5/19/2011

Title of Course: FLUID MECHANICS

Course: T17 3700

Section: 01

Semester: Spring 2007

Instructors: Michael Wendl (Instructor)

Completed Evaluations: 8 of 28 (29%)

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) 1.07 of 3341	(blank)	Yes	No
(D) 1.17 of 25	0 (0.00%)	8 (100.00%)	0 (0.00%)
(M) 1.00			

1.00 Course lived up to its description?

(S) 1.08 of 3341	(blank)	Yes	No
(D) 1.17 of 25	0 (0.00%)	8 (100.00%)	0 (0.00%)
(M) 1.00			

1.13 Understood grading procedure at the outset?

(S) 1.13 of 3341	(blank)	Yes	No
(D) 1.29 of 25	0 (0.00%)	7 (87.50%)	1 (12.50%)
(M) 1.00			

1.13 Your grade accurately reflects understanding of the material?

(S) 1.15 of 3341	(blank)	Yes	No
(D) 1.26 of 25	0 (0.00%)	7 (87.50%)	1 (12.50%)
(M) 1.00			

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1.00 Exams covered what you expected?

(S) 1.12 of 3341	(blank)	Yes	No
(D) 1.36 of 25	0 (0.00%)	8 (100.00%)	0 (0.00%)
(M) 1.00			

1.13 Comments on written work sufficient?

(S) 1.20 of 3341	(blank)	Yes	No
(D) 1.39 of 25	0 (0.00%)	7 (87.50%)	1 (12.50%)
(M) 1.00			

7.63 Overall rating for organization/ grading

(S) 7.16 of 3341	(blank)	1 - Poor	2	3	4	5	6	7	8	9 - Excellent
(D) 6.30 of 25	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (12.50%)	1 (12.50%)	1 (12.50%)	2 (25.00%)	3 (37.50%)
(M) 8.00										

Course Content (Michael Wendl - Instructor)

1.00 Work load for course was appropriate?

(S) 1.09 of 3341	(blank)	Yes	No
(D) 1.13 of 25	0 (0.00%)	8 (100.00%)	0 (0.00%)
(M) 1.00			

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

(S) 1.13 of 3341	(blank)	Yes	No
(D) 1.17 of 25	0 (0.00%)	7 (87.50%)	1 (12.50%)
(M) 1.00			

1.00 Reasonable time to complete assignments?

(S) 1.07 of 3341	(blank)	Yes	No
(D) 1.17 of 25	0 (0.00%)	8 (100.00%)	0 (0.00%)
(M) 1.00			

1.00 You found this course beneficial?

(S) 1.15 of 3341	(blank)	Yes	No
(D) 1.17 of 25	0 (0.00%)	8 (100.00%)	0 (0.00%)
(M) 1.00			

1.13 Combined "real world" applications with course material?

(S) 1.09 of 3341	(blank)	Yes	No
(D) 1.21 of 25	0 (0.00%)	7 (87.50%)	1 (12.50%)
(M) 1.00			

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

(S) 1.50 of 3341	(blank)	Yes	No
(D) 1.42 of 25	0 (0.00%)	3 (37.50%)	5 (62.50%)
(M) 2.00			

8.13 Overall rating for course content

(S) 7.15 of 3341	(blank)	1 - Poor	2	3	4	5	6	7	8	9 - Excellent
(D) 6.67 of 25	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (37.50%)	1 (12.50%)	4 (50.00%)
(M) 8.50										

Teaching (Michael Wendl - Instructor)

1.00 Instructor is concerned for students?

(S) 1.07 of 3341	(blank)	Yes	No
(D) 1.17 of 25	0 (0.00%)	7 (87.50%)	0 (0.00%)
(M) 1.00			

1.00 Instructor is enthusiastic about course?

(S) 1.07 of 3341	(blank)	Yes	No
(D) 1.13 of 25	0 (0.00%)	8 (100.00%)	0 (0.00%)
(M) 1.00			

1.00 Instructor demonstrated expertise in course material?

(S) 1.04 of 3341	(blank)	Yes	No
(D) 1.13 of 25	0 (0.00%)	8 (100.00%)	0 (0.00%)
(M) 1.00			

1.38 Instructor made the course interesting?

(S) 1.24 of 3341	(blank)	Yes	No
(D) 1.38 of 25	0 (0.00%)	5 (62.50%)	3 (37.50%)
(M) 1.00			

1.86 The TA for this course was effective?

(S) 1.30 of 3341	(blank)	Yes	No
(D) 1.59 of 25	0 (0.00%)	1 (12.50%)	6 (75.00%)
(M) 2.00			

1.25 Lecture was organized and easy to follow?

(S) 1.19 of 3341	(blank)	Yes	No
(D) 1.38 of 25	0 (0.00%)	6 (75.00%)	2 (25.00%)
(M) 1.00			

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6.14	The course enhanced your ability to design and conduct experiments.							
(S) 4.61 of 3341	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 4.90 of 25	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (25.00%)	0 (0.00%)	0 (0.00%)	5 (62.50%)
(M) 7.00								

6.29	The course enhanced your ability to analyze and interpret data.							
(S) 5.25 of 3341	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.52 of 25	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (12.50%)	1 (12.50%)	0 (0.00%)	5 (62.50%)
(M) 7.00								

5.86	The course enhanced your ability to design a system, component, or process to meet desired needs.							
(S) 5.30 of 3341	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.29 of 25	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (12.50%)	2 (25.00%)	1 (12.50%)	3 (37.50%)
(M) 6.00								

4.14	The course enhanced your ability to function on multidisciplinary teams.							
(S) 4.54 of 3341	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 4.30 of 25	0 (0.00%)	1 (12.50%)	0 (0.00%)	1 (12.50%)	2 (25.00%)	2 (25.00%)	0 (0.00%)	1 (12.50%)
(M) 4.00								

5.86	The course enhanced your ability to identify, formulate, and solve engineering problems.							
(S) 5.42 of 3341	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.57 of 25	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (12.50%)	2 (25.00%)	1 (12.50%)	3 (37.50%)
(M) 6.00								

5.57	The course enhanced your ability to understand professional and ethical responsibility.							
(S) 4.41 of 3341	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.11 of 25	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (12.50%)	1 (12.50%)	1 (12.50%)	1 (12.50%)	3 (37.50%)
(M) 6.00								

5.00	The course enhanced your ability to communicate effectively.							
(S) 4.69 of 3341	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 4.89 of 25	0 (0.00%)	0 (0.00%)	1 (12.50%)	0 (0.00%)	2 (25.00%)	1 (12.50%)	1 (12.50%)	2 (25.00%)
(M) 5.00								

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

(S) 4.57 of 3341	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 4.75 of 25	0 (0.00%)	0 (0.00%)	1 (12.50%)	1 (12.50%)	3 (37.50%)	0 (0.00%)	0 (0.00%)	2 (25.00%)
(M) 4.00								

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

(S) 4.97 of 3341	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.20 of 25	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (25.00%)	2 (25.00%)	1 (12.50%)	2 (25.00%)
(M) 5.00								

4.71 The course increased your knowledge of contemporary social issues.

(S) 3.95 of 3341	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 4.26 of 25	0 (0.00%)	1 (12.50%)	0 (0.00%)	0 (0.00%)	3 (37.50%)	0 (0.00%)	1 (12.50%)	2 (25.00%)
(M) 4.00								

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

(S) 5.46 of 3341	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.40 of 25	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (12.50%)	1 (12.50%)	3 (37.50%)	2 (25.00%)
(M) 6.00								

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

(S) 5.36 of 3341	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.14 of 25	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (25.00%)	1 (12.50%)	2 (25.00%)	3 (37.50%)
(M) 6.00								

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

(S) 5.38 of 3341	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.10 of 25	0 (0.00%)	1 (12.50%)	1 (12.50%)	0 (0.00%)	2 (25.00%)	0 (0.00%)	0 (0.00%)	4 (50.00%)
(M) 5.50								

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

(S) 1.03 of 3341	(blank)	Yes	No
(D) 1.00 of 25	0 (0.00%)	8 (100.00%)	0 (0.00%)
(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 3341	(blank)	Yes	No
(D)	1.05 of 25			
(M)	1.00	0 (0.00%)	8 (100.00%)	0 (0.00%)

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

(S)	1.07 of 3341	(blank)	Yes	No
(D)	1.24 of 25			
(M)	1.00	0 (0.00%)	8 (100.00%)	0 (0.00%)

General Comments (Michael Wendl - Instructor)

What did you like most about this course and professor?

- 00 Wendl's course notes were really helpful. he is obviously brilliant and is very good at teaching the material.
- 01 His knowledge of the material and how it can be applied in the real world.
- 02 Allowing extra time for homework.
- 05 The way the homework was structured. He gave you time to absorb the information before having to complete assignments
- 07 He was a laid back professor who just wanted us to learn the fundamentals of the course material.

How could this course and professor improve?

- 00 Wendl is a really good professor, but sometimes dwells on simple things too much.
- 01 nc
- 02 By getting homework back from grading quicker. Most of course seemed to be based on theory and not towards actually engineering material.
- 05 More real world applications. I feel the course was too math based with a lot of unneed derivations.
- 07 Lectures could be a little more organized. Handwriting on the chalkboard was a bit sloppy and hard to read. Instead of doing examples that are already in the book, different examples could have been done that the book did not already do.

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

- 01 It's a class where you shouldn't be "lazy" in learning because as you learn more through the text, you keep using the skills you learned earlier and apply them still at the end.
- 02 Course is focused on theory.
- 05 Come ready to ask questions!
- 07 The teacher is relatively easy and the course material is not that hard to understand.

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

- 00 i didn't buy the text.
- 01 Yes, it was a good book, but I found that Mr. Wendl's "class notes" for CE/ME 370 that he has written up provided me with the same or better knowledge.
- 02 Text was very helpful by providing examples.
- 05 Yes...it was easy to follow!
- 07 The text was useful and understandable to a certain extent. The author uses very powerful vocabulary in the text that makes reading the book a little hard to follow through. Examples in the book are hard to go through because the author often skiped converting units or did not show how to convert units in the example problems.

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

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- 00 yes, the homework was very helpful and reflected what was taught in lecture and what was covered on exams.
 - 01 Yes, because we learned about what we needed for the homework to pass the class.
 - 02 Homework problems help prepare for exams.
 - 05 Sometimes...a lot of times there were too many theory based questions.
 - 07 yes. The homework assignments and the midterm problems were very similar in nature.

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

- 01 keep it the same.
- 02 N/A