

WUSTL Course Evaluations

6/2/2014

Title of Course: PRINCIPLES OF HEAT TRANSFER

Course: T17 3710

Section: 01

Semester: Fall 2012

Instructors: Michael Wendl (Instructor)

Completed Evaluations: 5 of 17 (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

Course Administration (Michael Wendl - Instructor)

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

(blank)	Yes	No
0 (0.00%)	5 (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%)	5 (100.00%)	0 (0.00%)	0 (0.00%)

6.60

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

(S) 6.04 of 4524

(D) 6.12 of 70

(M) 7.00

(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (40.00%)	3 (60.00%)	0 (0.00%)

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

(blank)	Yes	No
0 (0.00%)	5 (100.00%)	0 (0.00%)

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Exams and Grade (Michael Wendl - Instructor)

6.80 Exams reflected material taught.

(S) 5.92 of 4524	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
(D) 6.43 of 70	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (20.00%)	4 (80.00%)	0 (0.00%)
(M) 7.00									

6.20 Adequate time was given to complete exams.

(S) 5.56 of 4524	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
(D) 6.08 of 70	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (20.00%)	0 (0.00%)	1 (20.00%)	3 (60.00%)	0 (0.00%)
(M) 7.00									

Expected grade for this course.

(blank)	A	B	C	D	F	P
0 (0.00%)	3 (60.00%)	2 (40.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

5.80 Your grades to this point accurately reflect your understanding of the material

(S) 5.46 of 4524	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.92 of 70	0 (0.00%)	0 (0.00%)	1 (20.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (20.00%)	3 (60.00%)
(M) 7.00								

6.80 The grading system was consistent and equitable.

(S) 5.72 of 4524	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.90 of 70	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (20.00%)	4 (80.00%)
(M) 7.00								

Overall (NOT Instructor Specific)

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%)	1 (20.00%)	3 (60.00%)	1 (20.00%)	0 (0.00%)	0 (0.00%)	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%)	1 (20.00%)	0 (0.00%)	0 (0.00%)	2 (40.00%)	2 (40.00%)

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6.80 You would recommend this course to others.

(S) 5.39 of 4524	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.86 of 70	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (20.00%)	4 (80.00%)
(M) 7.00								

6.60 Overall satisfaction with the course.

(S) 5.35 of 4524	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 5.71 of 70	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (40.00%)	3 (60.00%)
(M) 7.00								

6.80 The course enhanced your ability to apply knowledge of mathematics, science, and engineering.

(S) 5.67 of 4524	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 5.90 of 70	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (20.00%)	4 (80.00%)
(M) 7.00								

6.20 The course enhanced your ability to design and conduct experiments and to analyze and interpret data.

(S) 5.16 of 4524	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 5.71 of 70	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (20.00%)	0 (0.00%)	1 (20.00%)	3 (60.00%)
(M) 7.00								

6.40 The course enhanced your ability to design a system, component, or process to meet desired needs.

(S) 5.29 of 4524	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 5.93 of 70	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (20.00%)	1 (20.00%)	3 (60.00%)
(M) 7.00								

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

(S) 4.91 of 4524	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 5.19 of 70	0 (0.00%)	1 (20.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (20.00%)	1 (20.00%)	2 (40.00%)
(M) 6.00								

6.60 The course enhanced your ability to identify, formulate, and solve engineering problems.

(S) 5.55 of 4524	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 5.86 of 70	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (40.00%)	3 (60.00%)
(M) 7.00								

5.20 The course enhanced your ability to understand professional and ethical responsibility.

(S) 4.74 of 4524	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 5.17 of 70	0 (0.00%)	1 (20.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (20.00%)	1 (20.00%)	2 (40.00%)
(M) 6.00								

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5.20		The course enhanced your ability to communicate effectively.						
(S) 4.88 of 4524	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 5.12 of 70	0 (0.00%)	1 (20.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (20.00%)	1 (20.00%)	2 (40.00%)
(M) 6.00								

4.40		The course enhanced your ability to understand the impact of engineering in a global and societal context.						
(S) 4.82 of 4524	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 5.36 of 70	0 (0.00%)	1 (20.00%)	0 (0.00%)	1 (20.00%)	1 (20.00%)	0 (0.00%)	0 (0.00%)	2 (40.00%)
(M) 4.00								

5.60		The course enhanced your ability to recognize the need for and to engage in life-long learning.						
(S) 5.12 of 4524	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 5.50 of 70	0 (0.00%)	1 (20.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (20.00%)	3 (60.00%)
(M) 7.00								

4.60		The course enhanced your ability to understand contemporary social issues.						
(S) 4.29 of 4524	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 4.79 of 70	0 (0.00%)	1 (20.00%)	0 (0.00%)	1 (20.00%)	0 (0.00%)	1 (20.00%)	0 (0.00%)	2 (40.00%)
(M) 5.00								

6.60		The course enhanced your ability to use the techniques, skills and modern engineering tools necessary for engineering practice.						
(S) 5.56 of 4524	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 5.81 of 70	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (40.00%)	3 (60.00%)
(M) 7.00								

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.

03 He rushed through quite a bit. Could have been because no one asked many questions. Still need to slow down. We are not asking because you are moving to fast. I know this is alot of material to cover, but slow down a bit. Also, we dont need to speed up so you can have a last class over something that isn't on the final at all. The student can just read the material you were wanting to teach from your website and ask you questions on the students own time. The last class should be to review if we have any questions about the final or homework problems.

Course Materials and Assignments (Michael Wendl - Instructor)

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

TA and Recitation (Michael Wendl - Instructor)

Please comment on the effectiveness of the TA.

Please comment on the effectiveness of the recitation section

Exams and Grade (Michael Wendl - Instructor)

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

Overall

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

- 01 Online .pdf course notes and textbook do a thorough job of presenting class material. That should not take away from the lectures though, which were informative.

Comments (Michael Wendl - Instructor)

What did you like most about this course?

- 01 The straightforward, organized approach from Prof. Wendl was refreshing. Sticking to a syllabus and having a simple organized website cannot be understated among so many other courses where content and even assignments are often unclear.
- 02 I enjoyed the topic, it was a good mixture of thermodynamics and fluid dynamics.
- 03 I liked most was being able to take what I have learned and somewhat use it where I work.

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

- 00 He's freaking brilliant!
- 01 His energy and attentiveness for his students. He is one of the few professors I have had that seems genuinely enthused for every single lecture and routinely asks to make sure his students are clear on everything that has been covered.
- 02 Dr. Wendl was always willing to stop and expand on subjects in response to students questions. He was always able to make the material easier to understand than the textbook.
- 03 He knows the material well. Has alot of passion for the material also.

How could this course improve?

- 01 I was unhappy that one question out of 4 was worth 40% of the midterm exam. Thus far, that and that alone has affected my grade and as such, I fell that my current grade does not accurately demonstrate my understanding of the course material.
- 02 I thought the pace and material were both appropriate and I cannot think of any way to improve the course.
- 03 Slow down a bit on teaching the material.

How could the professor/instructor improve?

- 01 This is difficult since he is already so good at what he does but, I think he could avoid downplaying the importance of the material. I know this is an introductory course and that the "real world" is quite a bit more complex. I don't need to be reminded of that every other class period :)

02 Dr. Wendl was always willing to answer questions before, after, and during class and he taught everything so it was easy to understand. I cannot think of any way for the instructor to improve.

03 Slow down a bit. No need for teaching the last class on things that are not on the final.

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

01 Very similar to fluid dynamics. If you've ever had Prof. Wendl for another course expect a VERY similar approach. The continuity from one of his classes to another is shockingly evident.

02 The course covers its namesake: it teaches how heat transfers, focusing on the principles of conduction, convection, and radiation.

03 Read the book and his notes no matter what.

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.

01 This is one of the few classes where I think academic integrity is more intact. I don't socialize with my classmates too much, but the amount of time given for each assignment and the availability of the instructor really cut down on integrity violations.

02 No.

03 No

Any additional comments?

01 Thanks for the awesome course! (If you actually see this!)

02 I really enjoyed the class and I felt the Dr. Wendl is the primary reason for that. I have struggled to learn the material in other thermodynamics courses, but I found this class much easier to learn.

03 None