WUSTL Course Evaluations

Title of Course: PRINCIPLES OF HEAT TRANSFER

Course: T17 3710   **Section:** 01

Semester: Fall 2013

Instructors: Michael Wendl (Instructor)

Completed Evaluations: 4 of 20 (20%)

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%)	4 (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%)	4 (100.00%)	0 (0.00%)	0 (0.00%)

6.75

(S) 6.17 of 4634

(D) 5.30 of 65

(M) 7.00

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

(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%)	1 (25.00%)	3 (75.00%)	0 (0.00%)

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

(blank)	Yes	No
0 (0.00%)	4 (100.00%)	0 (0.00%)

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

(S) 6.23 of 4634

(D) 5.73 of 65

(M) 7.00

(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	3 (75.00%)

Instructor (Michael Wendl - Instructor)

5.75   **Instructor made the course interesting.**

(S) 5.52 of 4634

(D) 4.33 of 65

(M) 6.50

(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	2 (50.00%)

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

(S) 6.11 of 4634

(D) 5.08 of 65

(M) 7.00

(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	4 (100.00%)

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

(S) 5.71 of 4634

(D) 5.18 of 65

(M) 5.00

(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (75.00%)	1 (25.00%)	0 (0.00%)

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

(S) 6.10 of 4634

(D) 5.29 of 65

(M) 7.00

(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (75.00%)

7.00   **Instructor was well-organized and prepared for class.**

(S) 6.11 of 4634

(D) 4.85 of 65

(M) 7.00

(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (75.00%)

6.75 | **Instructor explained the course material so that you could understand it.**

(S) 5.67 of 4634
(D) 4.86 of 65
(M) 7.00

(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	3 (75.00%)

6.50 | **Overall rating for teaching quality.**

(S) 5.77 of 4634
(D) 4.76 of 65
(M) 7.00

(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	0 (0.00%)	3 (75.00%)

Course Materials and Assignments (Michael Wendl - Instructor)

6.33 | **Textbooks/readings complemented the lectures.**

(S) 5.73 of 4634
(D) 5.65 of 65
(M) 6.00

(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 (50.00%)	1 (25.00%)	0 (0.00%)

6.00 | **Textbooks/readings were useful.**

(S) 5.48 of 4634
(D) 5.57 of 65
(M) 6.00

(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%)	1 (25.00%)	1 (25.00%)	1 (25.00%)	0 (0.00%)

6.50 | **Assigned homeworks were helpful and relevant to the course.**

(S) 6.15 of 4634
(D) 5.92 of 65
(M) 6.50

(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 (50.00%)	2 (50.00%)	0 (0.00%)

6.67 | **There was reasonable time to complete assignments.**

(S) 6.12 of 4634
(D) 5.83 of 65
(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%)	1 (25.00%)	2 (50.00%)	0 (0.00%)

6.67 | **Assignments were returned within a reasonable period of time.**

(S) 5.81 of 4634
(D) 5.23 of 65
(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%)	1 (25.00%)	2 (50.00%)	0 (0.00%)

5.00

(S) 5.19 of 4634

(D) 4.64 of 65

(M) 5.00

Comments on graded work were helpful.

(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%)	1 (25.00%)	1 (25.00%)	1 (25.00%)	0 (0.00%)	0 (0.00%)

0

(S) 6.06 of 4634

(D) 5.25 of 65

(M)

Labs were an effective supplement to the course.

(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%)	0 (0.00%)	0 (0.00%)	2 (50.00%)

5.00

(S) 6.06 of 4634

(D) 5.77 of 65

(M) 5.00

The course material drew upon real world applications.

(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%)	1 (25.00%)	1 (25.00%)	1 (25.00%)	0 (0.00%)	0 (0.00%)

5.67

(S) 5.82 of 4634

(D) 5.43 of 65

(M) 6.00

Overall rating of course content.

(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	2 (50.00%)	0 (0.00%)

TA and Recitation (Michael Wendl - Instructor)

3.00

(S) 5.76 of 4634

(D) 4.41 of 65

(M) 3.00

The TA was effective.

(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)

3.00

(S) 5.97 of 4634

(D) 4.52 of 65

(M) 3.00

The TA was available and responsive to questions.

(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

0

(S) 5.73 of 4634

(D) 4.85 of 65

(M)

Recitation section served to enhance your understanding of the course material.

(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%)	0 (0.00%)	0 (0.00%)	1 (25.00%)

Exams and Grade (Michael Wendl - Instructor)

6.50

(S) 5.94 of 4634

(D) 5.58 of 65

(M) 6.50

Exams reflected material taught.

(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 (50.00%)	2 (50.00%)	0 (0.00%)

6.25

(S) 5.58 of 4634

(D) 5.46 of 65

(M) 6.00

Adequate time was given to complete exams.

(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%)	3 (75.00%)	1 (25.00%)	0 (0.00%)

Expected grade for this course.

(blank)	A	B	C	D	F	P
0 (0.00%)	1 (25.00%)	2 (50.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

5.75

(S) 5.57 of 4634

(D) 5.46 of 65

(M) 6.00

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

(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 (25.00%)	1 (25.00%)	0 (0.00%)	2 (50.00%)

5.33

(S) 5.83 of 4634

(D) 5.30 of 65

(M) 6.00

The grading system was consistent and equitable.

(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	1 (25.00%)

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%)	0 (0.00%)	3 (75.00%)	0 (0.00%)	1 (25.00%)	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%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (50.00%)	2 (50.00%)

6.25 — **You would recommend this course to others.**

(S) 5.57 of 4634
(D) 5.12 of 65
(M) 6.50

(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	1 (25.00%)	2 (50.00%)

6.00 — **Overall satisfaction with the course.**

(S) 5.55 of 4634
(D) 4.96 of 65
(M) 6.00

(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	2 (50.00%)	1 (25.00%)

6.50 — **The course enhanced your ability to apply knowledge of mathematics, science, and engineering.**

(S) 5.81 of 4634
(D) 5.55 of 65
(M) 6.50

(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (50.00%)	2 (50.00%)

6.25 — **The course enhanced your ability to design and conduct experiments and to analyze and interpret data.**

(S) 5.25 of 4634
(D) 5.27 of 65
(M) 6.50

(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	1 (25.00%)	2 (50.00%)

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

(S) 5.42 of 4634
(D) 5.23 of 65
(M) 5.00

(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (75.00%)	1 (25.00%)	0 (0.00%)

5.00 — **The course enhanced your ability to function on multidisciplinary teams.**

(S) 5.09 of 4634
(D) 5.00 of 65
(M) 5.00

(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	0 (0.00%)	1 (25.00%)	0 (0.00%)

5.33 — **The course enhanced your ability to identify, formulate, and solve engineering problems.**

(S) 5.63 of 4634
(D) 5.34 of 65
(M) 6.00

(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	0 (0.00%)	2 (50.00%)	0 (0.00%)

4.67 — **The course enhanced your ability to understand professional and ethical responsibility.**

(S) 4.89 of 4634
(D) 5.20 of 65
(M) 5.00

(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	2 (50.00%)	0 (0.00%)	0 (0.00%)

4.33

(S) 5.06 of 4634

(D) 4.74 of 65

(M) 4.00

The course enhanced your ability to communicate effectively.

(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (50.00%)	1 (25.00%)	0 (0.00%)	0 (0.00%)

4.00

(S) 4.98 of 4634

(D) 5.02 of 65

(M) 4.00

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

(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (75.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

6.00

(S) 5.27 of 4634

(D) 5.26 of 65

(M) 6.00

The course enhanced your ability to recognize the need for and to engage in life-long learning.

(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (75.00%)	0 (0.00%)

4.00

(S) 4.37 of 4634

(D) 4.57 of 65

(M) 4.00

The course enhanced your ability to understand contemporary social issues.

(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (50.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

5.75

(S) 5.67 of 4634

(D) 5.13 of 65

(M) 6.00

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

(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	0 (0.00%)	2 (50.00%)	1 (25.00%)

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.

02	it was very fast
03	There was alot of material covered

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.

02	Grader of first test was far too harsh, but Prof Wendl did a lot to help amend the situation

Overall

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

00	Lectures were interesting and an excellent time to ask questions about material.
01	family issues, court.

Comments (Michael Wendl - Instructor)

What did you like most about this course?

00	Lectures were thorough and interesting.
01	The textbook, and the sections on conduction and convection were pretty good.
02	It is interesting

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

00	Great professor, clearly enjoys what he does.
01	His passion and excitement about course material
02	He is passionate and extremely intelligent
03	Very knowledgeable of material. Very clear and organized lectures. Enthusiastic about teaching. Very good at answering questions. One of or possibly the best proffesors ive had.

How could this course improve?

01	He focused a lot on derivations. While I find derivations to be interesting, they are more the kind of thing I appreciate over a shot of whiskey and a cigar casually reading in my study. Being an engineering student is a gruesome and brutal experience, and his lectures were too much for my brain to handle with the 60+ hours a week spend on school and understanding.
	I would, and many of my classmates who I have conversed with say they would prefer him to focus more on explaining the equations, what they mean, when and how to use them, and to cover content in a fashion more directly useful to making things. This is a late stage class and by this point we want material that is directly applicable to making things, not to advancing understanding of the discipline. As much as I would love to learn the things he discusses, I don't feel it is the right time or place.

How could the professor/instructor improve?

00	Clone himself. (Need more professors like Wendl)
01	Improve his fashion sense and use shorter words. It isn't that I don't understand what he is saying, I have a larger vocabulary than the multitudes, but he takes far more words than are necessary to describe content, and I often feel I have to sift out meaning from large amounts of junk words thrown in to make him sound smarter, as if the freaking genius needs any reason to feel smarter than everyone already knows he is.
03	More examples on how to implement theory into examples.

WUSTL Course Evaluations

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

00	Hope you like derivations!
01	Always take a shot and drink a monster before class. The alcohol to slow you down enough that the useful things he says come at a pace that doesn't overwhelm you, and the caffeine so you have the mental power to decipher his needlessly complex language and understand the enormous amounts of raw science barfing out of the professor.

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	Nope
01	none

Any additional comments?

01	I see you play the accordion, bravo sir. I love seeing odd and interesting hobbies alive in today's increasingly homogenized world. Keep being you.