

# WUSTL Course Evaluations

1/5/2015

**Title of Course:** PRINCIPLES OF HEAT TRANSFER

**Course:** T17 3710

**Section:** 01

**Semester:** Fall 2014

**Instructors:** Michael Wendl (Instructor)

**Completed Evaluations:** 8 of 45 (18%)

**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%)	8 (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%)	8 (100.00%)	0 (0.00%)	0 (0.00%)

**7.00**

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

(S) 6.10 of 6259

(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%)	8 (100.00%)	0 (0.00%)

(D) 6.05 of 59

(M) 7.00

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

(blank)	Yes	No
0 (0.00%)	8 (100.00%)	0 (0.00%)



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<b>6.13</b>		<b>Instructor explained the course material so that you could understand it.</b>							
(S)	5.39 of 6259	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D)	5.34 of 59	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (12.50%)	0 (0.00%)	1 (12.50%)	1 (12.50%)	5 (62.50%)
(M)	7.00								

<b>6.50</b>		<b>Overall rating for teaching quality.</b>							
(S)	5.46 of 6259	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D)	5.15 of 59	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (12.50%)	2 (25.00%)	5 (62.50%)
(M)	7.00								

Course Materials and Assignments (Michael Wendl - Instructor)
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<b>6.38</b>		<b>Textbooks/readings complemented the lectures.</b>								
(S)	5.53 of 6259	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
(D)	5.49 of 59	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (12.50%)	0 (0.00%)	2 (25.00%)	5 (62.50%)	0 (0.00%)
(M)	7.00									

<b>6.50</b>		<b>Textbooks/readings were useful.</b>								
(S)	5.33 of 6259	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
(D)	5.61 of 59	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (12.50%)	0 (0.00%)	1 (12.50%)	6 (75.00%)	0 (0.00%)
(M)	7.00									

<b>6.38</b>		<b>Assigned homeworks were helpful and relevant to the course.</b>								
(S)	6.07 of 6259	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
(D)	6.08 of 59	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (25.00%)	1 (12.50%)	5 (62.50%)	0 (0.00%)
(M)	7.00									

<b>7.00</b>		<b>There was reasonable time to complete assignments.</b>								
(S)	5.97 of 6259	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
(D)	6.49 of 59	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	8 (100.00%)	0 (0.00%)
(M)	7.00									

<b>6.63</b>		<b>Assignments were returned within a reasonable period of time.</b>								
(S)	5.81 of 6259	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
(D)	5.56 of 59	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (12.50%)	1 (12.50%)	6 (75.00%)	0 (0.00%)
(M)	7.00									



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## Exams and Grade (Michael Wendl - Instructor)

### 6.50 Exams reflected material taught.

(S) 5.78 of 6259	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
(D) 5.94 of 59	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (12.50%)	2 (25.00%)	5 (62.50%)	0 (0.00%)
(M) 7.00									

### 6.25 Adequate time was given to complete exams.

(S) 5.58 of 6259	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
(D) 6.20 of 59	0 (0.00%)	0 (0.00%)	1 (12.50%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (12.50%)	6 (75.00%)	0 (0.00%)
(M) 7.00									

### Expected grade for this course.

(blank)	A	B	C	D	F	P
0 (0.00%)	3 (37.50%)	2 (25.00%)	3 (37.50%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

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

(S) 5.48 of 6259	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.89 of 59	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (12.50%)	0 (0.00%)	0 (0.00%)	3 (37.50%)	4 (50.00%)
(M) 6.50								

### 6.50 The grading system was consistent and equitable.

(S) 5.72 of 6259	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.84 of 59	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (12.50%)	2 (25.00%)	5 (62.50%)
(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%)	2 (25.00%)	5 (62.50%)	1 (12.50%)	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%)	1 (12.50%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	5 (62.50%)	2 (25.00%)

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**6.63 You would recommend this course to others.**

(S) 5.37 of 6259	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.27 of 59	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (37.50%)	5 (62.50%)
(M) 7.00								

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**6.75 Overall satisfaction with the course.**

(S) 5.33 of 6259	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 5.07 of 59	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (25.00%)	6 (75.00%)
(M) 7.00								

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

(S) 5.60 of 6259	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 5.61 of 59	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (12.50%)	7 (87.50%)
(M) 7.00								

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

(S) 5.06 of 6259	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 5.02 of 59	0 (0.00%)	1 (12.50%)	0 (0.00%)	0 (0.00%)	2 (25.00%)	0 (0.00%)	1 (12.50%)	4 (50.00%)
(M) 6.50								

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

(S) 5.28 of 6259	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 5.29 of 59	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (12.50%)	1 (12.50%)	0 (0.00%)	6 (75.00%)
(M) 7.00								

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

(S) 4.89 of 6259	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 4.80 of 59	0 (0.00%)	1 (12.50%)	1 (12.50%)	0 (0.00%)	0 (0.00%)	1 (12.50%)	0 (0.00%)	4 (50.00%)
(M) 7.00								

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

(S) 5.45 of 6259	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 5.70 of 59	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (12.50%)	2 (25.00%)	4 (50.00%)
(M) 7.00								

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

(S) 4.70 of 6259	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 4.73 of 59	0 (0.00%)	1 (12.50%)	0 (0.00%)	0 (0.00%)	1 (12.50%)	2 (25.00%)	0 (0.00%)	3 (37.50%)
(M) 5.00								

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<b>5.00</b>		<b>The course enhanced your ability to communicate effectively.</b>							
(S)	4.85 of 6259	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D)	4.80 of 59	0 (0.00%)	1 (12.50%)	1 (12.50%)	0 (0.00%)	0 (0.00%)	1 (12.50%)	1 (12.50%)	3 (37.50%)
(M)	6.00								

<b>5.00</b>		<b>The course enhanced your ability to understand the impact of engineering in a global and societal context.</b>							
(S)	4.73 of 6259	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D)	4.48 of 59	0 (0.00%)	1 (12.50%)	1 (12.50%)	0 (0.00%)	0 (0.00%)	1 (12.50%)	1 (12.50%)	3 (37.50%)
(M)	6.00								

<b>5.43</b>		<b>The course enhanced your ability to recognize the need for and to engage in life-long learning.</b>							
(S)	5.08 of 6259	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D)	4.63 of 59	0 (0.00%)	1 (12.50%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (25.00%)	1 (12.50%)	3 (37.50%)
(M)	6.00								

<b>4.29</b>		<b>The course enhanced your ability to understand contemporary social issues.</b>							
(S)	4.13 of 6259	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D)	3.90 of 59	0 (0.00%)	2 (25.00%)	0 (0.00%)	1 (12.50%)	1 (12.50%)	0 (0.00%)	0 (0.00%)	3 (37.50%)
(M)	4.00								

<b>6.57</b>		<b>The course enhanced your ability to use the techniques, skills and modern engineering tools necessary for engineering practice.</b>							
(S)	5.47 of 6259	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D)	5.80 of 59	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (37.50%)	4 (50.00%)
(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.

06 The scope of material covered in this course is large, and Wendl seems to be struggling to fit everything in. This leads to a hurried pace, and a lack of conveyance of many ideas.

Course Materials and Assignments (Michael Wendl - Instructor)

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

00 We didn't use the textbook but instead his personal notes.

TA and Recitation (Michael Wendl - Instructor)

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

- 00 The TA's didn't comment much on the homeworks and didn't offer much feedback.
- 04 I did not attend TA led help sessions, so I can not comment on their effectiveness.
- 05 The TA attended the TA sessions and they were prepared to answer questions.

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

- 04 I did not attend TA led help sessions, so I can not comment on their effectiveness.

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?**

- 02 I hate to miss a lecture because they are so good, but I was out of town for two of them.
- 03 Illness and out of town on business on two occasions.
- 04 I attend all lectures of all classes when and if able.
- 05 I attended the lectures because the professor taught the material in a comprehensive way and the material was super difficult to understand if I didn't attend class.
- 06 Wendl went strictly from the class outline and moved too fast for my understanding. I often skipped because i felt i would gain more by studying the material on my own. This strategy seemed to be effective.
- 07 job interviews and other related job searching duties.

Comments (Michael Wendl - Instructor)

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

- 00 The course was informative and well structured.
- 01 It kept to a schedule
- 02 Great teacher. Very enthusiastic and knowledgeable. The notes help. Having the web sight is also very helpful. Not all of my classes are this organized, so I appreciate it.
- 03 It was very interesting material that we used in real world applications.
- 07 The materials covered and the pace at which they were covered.

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

- 00 The professor was very knowledgeable and helpful to students with questions.
- 01 He spoke clearly, he knew the material he was teaching very well, he taught subjects thoroughly and with examples, and he was available to answer questions.
- 02 Smart, enthusiastic, well prepared. He also is a professor that seems to have some experience with and knowledge of the professional engineering world. This class feels very relevant.
- 03 He is very energetic and has fun teaching. Has a great rapport with the class
- 06 Wendl is extraordinarily intelligent and very friendly and approachable
- 07 The professor passion for the subject matter.

**How could this course improve?**



- 
- 00 More reasonable tests.
  - 01 The tests could be more relevant to the homework that was assigned.
  - 02 We the students should probably be putting in more regular studying so that we can better participate in the lectures. It is a little too tempting to put off doing homework and studying until things come due.
  - 03 Bigger classroom with bigger desks.
  - 07 1 or 2 more chances to earn points throughout the semester.

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

- 00 Offer better hours for the TA sessions
- 01 N/A
- 02 One of the best teachers I have ever had.
- 06 Slow down and take time to "dumb things down" to an undergraduate level
- 07 Not let misguided students up at the board during class. Maybe save that for afterwards.

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

- 00 Wendl is an excellent instructor and that helps for a difficult course.
- 01 Stay on top of doing the homework.
- 02 The concepts are challenging, but the instructor is great. Put in the work and attend the lectures and the tests are not too bad.
- 03 It is an enjoyable class
- 07 Very good class and be sure to take notes and follow along. Your sure to learn a lot.

**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 N/A
- 02 I have not.
- 03 No
- 07 N/A

**Any additional comments?**

- 00 Thanks!
- 01 N/A
- 02 Great course!
- 05 This course taught me a lot and Professor Wendl is one of the best professors that I've had at WashU.
- 07 Thanks for the great class and preparing me for the real world. Have a good winter break.