

# WUSTL Course Evaluations

5/15/2012

**Title of Course:** Conduction and Convection Heat Transfer

**Course:** E37 5403

**Section:** 01

**Semester:** Spring 2012

**Instructors:** Michael Wendl (Instructor)

**Completed Evaluations:** 4 of 6 (67%)

**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**

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

**6.50**

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

(S) 5.40 of 3345

(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%)	0 (0.00%)	3 (75.00%)

(D) 5.80 of 50

(M) 7.00

**6.25**

**Overall satisfaction with the course.**

(S) 5.43 of 3345

(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%)	0 (0.00%)	3 (75.00%)

(D) 6.00 of 50

(M) 7.00



# WUSTL Course Evaluations

5/15/2012

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

(S) 5.04 of 3345	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 4.86 of 50	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	1 (25.00%)	0 (0.00%)	1 (25.00%)
(M) 5.00								

**4.67 The course enhanced your ability to understand contemporary social issues.**

(S) 4.28 of 3345	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 4.00 of 50	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	1 (25.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)
(M) 4.00								

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

(S) 5.56 of 3345	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 5.95 of 50	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (50.00%)
(M) 7.00								

Course Administration (Michael Wendl - Instructor)

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

(blank)	Yes	No
0 (0.00%)	3 (75.00%)	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%)	3 (75.00%)	0 (0.00%)	0 (0.00%)

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

(S) 6.09 of 3345	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
(D) 6.16 of 50	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	0 (0.00%)	2 (50.00%)	0 (0.00%)
(M) 7.00									

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

(blank)	Yes	No
0 (0.00%)	3 (75.00%)	0 (0.00%)



# WUSTL Course Evaluations

5/15/2012

<b>6.00</b>		<b>Instructor explained the course material so that you could understand it.</b>							
(S)	5.56 of 3345	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D)	5.98 of 50	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	0 (0.00%)	0 (0.00%)	2 (50.00%)
(M)	7.00								

<b>6.50</b>		<b>Overall rating for teaching quality.</b>							
(S)	5.69 of 3345	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D)	5.80 of 50	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	0 (0.00%)	3 (75.00%)
(M)	7.00								

Course Materials and Assignments (Michael Wendl - Instructor)
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<b>6.33</b>		<b>Textbooks/readings complemented the lectures.</b>								
(S)	5.49 of 3345	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
(D)	5.97 of 50	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	0 (0.00%)	2 (50.00%)	0 (0.00%)
(M)	7.00									

<b>6.00</b>		<b>Textbooks/readings were useful.</b>								
(S)	5.30 of 3345	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
(D)	5.93 of 50	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	0 (0.00%)	1 (25.00%)	0 (0.00%)
(M)	6.00									

<b>6.25</b>		<b>Assigned homeworks were helpful and relevant to the course.</b>								
(S)	6.05 of 3345	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
(D)	6.03 of 50	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	1 (25.00%)	2 (50.00%)	0 (0.00%)
(M)	6.50									

<b>6.75</b>		<b>There was reasonable time to complete assignments.</b>								
(S)	6.04 of 3345	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
(D)	6.31 of 50	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%)
(M)	7.00									

<b>6.33</b>		<b>Assignments were returned within a reasonable period of time.</b>								
(S)	5.57 of 3345	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
(D)	6.00 of 50	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	0 (0.00%)	2 (50.00%)	0 (0.00%)
(M)	7.00									



# WUSTL Course Evaluations

5/15/2012

## Exams and Grade (Michael Wendl - Instructor)

### 6.00 Exams reflected material taught.

(S) 5.95 of 3345	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
(D) 5.82 of 50	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	0 (0.00%)	1 (25.00%)	2 (50.00%)	0 (0.00%)
(M) 6.50									

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

(S) 5.86 of 3345	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
(D) 6.45 of 50	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%)
(M) 7.00									

### Expected grade for this course.

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

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

(S) 5.57 of 3345	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.95 of 50	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	4 (100.00%)	0 (0.00%)
(M) 6.00								

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

(S) 5.81 of 3345	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.97 of 50	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	1 (25.00%)	1 (25.00%)
(M) 6.00								

## Overall

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

- 02 Missed lectures due to vacation. Lectures were helpful.
- 03 business trip

## Course Administration (Michael Wendl - Instructor)

### Please elaborate if you felt the course did NOT match the course catalog description.

- 00 The actual course focus seemed pretty narrow.
- 01 no spherical coordinates

# WUSTL Course Evaluations

5/15/2012

Instructor (Michael Wendl - Instructor)

Please elaborate if you felt the material was NOT covered at a reasonable pace.

Course Materials and Assignments (Michael Wendl - Instructor)

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

00 Would have been nice to have material available before course started.

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.

Comments (Michael Wendl - Instructor)

What did you like most about this course?

- 00 requirement of advanced mathematics to course material
- 01 mathematical emphasis
- 02 The notes were fantastic, and the material was important.
- 03 very detailed explanation was awesome because this is the first time for me to learn this sort of subject

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

- 00 Always engaged in course material.
- 01 teaching style
- 02 The professor was very instructive and helpful. He was always available to help with homework and he put a lot of effort into preparing for class.
- 03 passion to teach and learn. very open attitude to communicate with students.

How could this course improve?

- 00 More application of new material to real engineering problems. More repetition of new concepts.
- 01 more homework maybe
- 02 I think it was pretty close to perfect.

How could the professor/instructor improve?

- 00 more explanation of how to apply the new concepts learned.



# WUSTL Course Evaluations

5/15/2012

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

- 00 A lot of math and theory. not a lot of application of theory.
- 01 undergrad heat transfer, but explained
- 02 It is a math intensive study of basic heat transfer problems that promotes a strong understanding of real world solutions.
- 03 take it. it is very useful.

## 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
- 02 Nope.
- 03 no. not at all.

## Any additional comments?

- 00 decent class, good instructor
- 03 Thanks, Dr. Wendl. I appreciate your teaching. Thanks to you, I can understand my process more.