

WUSTL Course Evaluations

6/6/2013

Title of Course: Conduction and Convection Heat Transfer

Course: E37 5403

Section: 01

Semester: Spring 2013

Instructors: Michael Wendl (Instructor)

Completed Evaluations: 3 of 4 (75%)

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%)	3 (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%)	2 (66.67%)	1 (33.33%)	0 (0.00%)

6.67

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

(S) 6.07 of 3119

(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 (33.33%)	2 (66.67%)	0 (0.00%)

(D) 6.25 of 67

(M) 7.00

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

(blank)	Yes	No
0 (0.00%)	2 (66.67%)	1 (33.33%)

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6.67 The course matched the course catalog description.

(S) 6.15 of 3119	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 6.21 of 67	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (33.33%)	2 (66.67%)
(M) 7.00								

Instructor (Michael Wendl - Instructor)

6.67 Instructor made the course interesting.

(S) 5.41 of 3119	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 5.88 of 67	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (33.33%)	2 (66.67%)
(M) 7.00								

7.00 Instructor was enthusiastic about the course.

(S) 6.05 of 3119	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 6.22 of 67	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (100.00%)
(M) 7.00								

7.00 The material was covered at a reasonable pace.

(S) 5.68 of 3119	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 6.00 of 67	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (100.00%)
(M) 7.00								

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

(S) 6.02 of 3119	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 6.18 of 67	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (33.33%)	0 (0.00%)	2 (66.67%)
(M) 7.00								

7.00 Instructor was well-organized and prepared for class.

(S) 5.95 of 3119	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 6.18 of 67	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (100.00%)
(M) 7.00								

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7.00		Instructor explained the course material so that you could understand it.							
(S)	5.56 of 3119	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D)	6.06 of 67	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (100.00%)
(M)	7.00								

7.00		Overall rating for teaching quality.							
(S)	5.62 of 3119	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D)	6.11 of 67	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (100.00%)
(M)	7.00								

Course Materials and Assignments (Michael Wendl - Instructor)

7.00		Textbooks/readings complemented the lectures.								
(S)	5.67 of 3119	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
(D)	5.93 of 67	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (100.00%)	0 (0.00%)
(M)	7.00									

7.00		Textbooks/readings were useful.								
(S)	5.43 of 3119	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
(D)	5.83 of 67	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (100.00%)	0 (0.00%)
(M)	7.00									

7.00		Assigned homeworks were helpful and relevant to the course.								
(S)	6.00 of 3119	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
(D)	6.15 of 67	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (100.00%)	0 (0.00%)
(M)	7.00									

7.00		There was reasonable time to complete assignments.								
(S)	6.08 of 3119	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
(D)	6.22 of 67	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (100.00%)	0 (0.00%)
(M)	7.00									

4.50		Assignments were returned within a reasonable period of time.								
(S)	5.59 of 3119	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree	N/A
(D)	5.93 of 67	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (33.33%)	1 (33.33%)	0 (0.00%)	0 (0.00%)	1 (33.33%)
(M)	4.50									

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6.67 You would recommend this course to others.

(S) 5.43 of 3119	(blank)	1 - Strongly Disagree	2	3	4	5	6	7 - Strongly Agree
(D) 6.30 of 67	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (33.33%)	2 (66.67%)
(M) 7.00								

7.00 Overall satisfaction with the course.

(S) 5.43 of 3119	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 6.27 of 67	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (100.00%)
(M) 7.00								

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

(S) 5.67 of 3119	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 6.24 of 67	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (33.33%)	2 (66.67%)
(M) 7.00								

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

(S) 5.21 of 3119	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 6.02 of 67	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (33.33%)	1 (33.33%)	0 (0.00%)	1 (33.33%)
(M) 5.00								

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

(S) 5.29 of 3119	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 6.32 of 67	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (33.33%)	1 (33.33%)	0 (0.00%)	1 (33.33%)
(M) 5.00								

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

(S) 4.96 of 3119	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 5.70 of 67	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (33.33%)	0 (0.00%)	1 (33.33%)	0 (0.00%)	1 (33.33%)
(M) 5.00								

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

(S) 5.50 of 3119	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 6.20 of 67	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (100.00%)
(M) 7.00								

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

(S) 4.76 of 3119	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D) 5.75 of 67	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (66.67%)	0 (0.00%)	0 (0.00%)	1 (33.33%)
(M) 4.00								

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5.33		The course enhanced your ability to communicate effectively.							
(S)	5.00 of 3119	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D)	5.79 of 67	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (33.33%)	1 (33.33%)	0 (0.00%)	1 (33.33%)
(M)	5.00								

5.67		The course enhanced your ability to understand the impact of engineering in a global and societal context.							
(S)	4.83 of 3119	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D)	5.63 of 67	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (66.67%)	0 (0.00%)	1 (33.33%)
(M)	5.00								

6.33		The course enhanced your ability to recognize the need for and to engage in life-long learning.							
(S)	5.12 of 3119	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D)	5.67 of 67	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (33.33%)	0 (0.00%)	2 (66.67%)
(M)	7.00								

5.67		The course enhanced your ability to understand contemporary social issues.							
(S)	4.34 of 3119	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D)	5.27 of 67	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (33.33%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (66.67%)
(M)	7.00								

6.67		The course enhanced your ability to use the techniques, skills and modern engineering tools necessary for engineering practice.							
(S)	5.54 of 3119	(blank)	1 - Poor	2	3	4	5	6	7 - Excellent
(D)	6.34 of 67	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (33.33%)	2 (66.67%)
(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.

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?

Comments (Michael Wendl - Instructor)

What did you like most about this course?

- 01 The course enhanced my ability to describe and solve heat transfer problems. It also strengthened my competence with differential equations.
- 02 The professor was the most engaging professor I have had in a long time. He made a seemingly boring subject seem very interesting. Even at 7pm in the evening when I was the most tired, I was actively engaged in the class subject.

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

- 01 He was enthusiastic and well prepared. His knowledge of the subjects history was also interesting.
- 02 He was extremely clear with his expectations and was able to provide help at any time.

How could this course improve?

- 01 Perhaps more assignments such as the one which asked us to write code to solve a problem.
- 02 Maybe more subject material could be covered.

How could the professor/instructor improve?

- 01 Nothin comes to mind.
- 02 The professor could respond to emails quicker/more frequently.

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

- 01 The course builds on undergraduate heat transfer by teaching derivations of common formulae. The course also teaches multiple technique for solving ode and pde's.
- 02 Professor Wendl is one of the smartest and best lecturers I've had in a long time and loved learning the subject matter, even though previously I disliked heat transfer.

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 No.
- 02 No.

Any additional comments?

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01	Enjoyable course.
02	Thanks Professor Wendl, you were a great end to my academic career!