

COLLEGE OF ENGINEERING & COMPUTER SCIENCE COURSE SUMMARY

COURSE: ME 495-01

TITLE: Thermal-Fluid Science Lab

INSTRUCTOR: Scott Thomas

TERM: S09

NUMBER OF STUDENTS: 19

GRADE DISTRIBUTION:

A	B	C	D	F	I	M	X	W	Drops
5	9	4	1	0	0	0	0	0	0

TEACHING EVALUATIONS:

of Evaluations Scanned: 11

Q #1	Q #2	Q #3	Q #4	Q #5	Q #6	Q #7
3.82	3.45	4.09	3.45	3.36	4.55	3.27

STUDENT COMMENTS (FROM CLASS EVALUATION FORMS):

Question #1: Please comment on aspects of the instructor's teaching, such as clarity of explanations and examples, handling of questions, stimulation of thinking, and respect for individuals and their differences.

- "This lab is how all labs should be conducted!!"
- "Dr. Thomas is the most condescending instructor I have had in my college career. He has little respect for students feeling and has forgotten what it is like to be an undergraduate. Students do not ask for help because it depends on what mood Dr. Thomas is in whether or not he will be helpful."
- "The grading system is ridiculous requirements for labs are not well defined. When lab reports are not graded on specific requirements but on comparing them to one another that is absurd & at the risk of sounding whiny – unfair. When instructor can be found for help he often is not helpful at answering questions."
- "Great labs!! The labs really required the student to take an active role in determining the uncertainty in experimental data."
- "Monitoring the thermocouple values with Labview in lab 3 might help improve the data collected. I learned a lot in this lab and feel everything was very practical – thanks! If you reduce the amount of work for lab 1 I think the course will be about right."

Question #2: Did the instructor aid in your understanding of this subject? Please give specific examples consistent with your response.

- "Yes. Dr. Thomas was very helpful when understanding the labs was a problem."
- "I did not ask many questions so I wouldn't be talked to as a child."

Question #3: Please comment further on any of the items which you were asked about in this evaluation.

- "First lab was too long for being a first lab, but had good components."
- "Better/accurate lab handouts i.e. the wiring diagram was not accurate."
- "Name thermo couples 1 & 2 the actual #'s on the units."
- "Another aspect of this lab that bothers me is the amount of water that is wasted. In calibrating a flow meter, maybe look into using a gas or even air instead of water."
- "Need clear examples on how to find uncertainty."