

## COLLEGE OF ENGINEERING & COMPUTER SCIENCE COURSE SUMMARY

**COURSE: ME 495-01**

**TITLE: Thermal-Fluid Science Lab**

**INSTRUCTOR: Scott Thomas**

**TERM: Fall 2010**

**NUMBER OF STUDENTS: 9**

### **GRADE DISTRIBUTION:**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>F</b>	<b>I</b>	<b>M</b>	<b>X</b>	<b>W</b>	<b>Drops</b>
6	2	0	1	0	0	0	0	0	0

### **TEACHING EVALUATIONS:**

**# of Evaluations Scanned: 8**

<b>Q #1</b>	<b>Q #2</b>	<b>Q #3</b>	<b>Q #4</b>	<b>Q #5</b>	<b>Q #6</b>	<b>Q #7</b>
4.88	4.63	4.38	4.75	4.88	5.00	4.00

### **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.**

- "Great teacher, no problem with methods, grading, etc. Did complain to MME office about the workload required for a 2-hr class – as these requirements are passed down from the Engineering College. I do not attribute this workload to Dr. Thomas directly"
- "Scott was a good instructor. He made sure you understood what you were doing"
- "Dr. Thomas made himself available for help. Labview assignments were fair and very useful. I think Labview should continue to be taught in this lab"
- "Learned a lot about Data Acquisition, but not much about Thermal-Fluids. Labview was very interesting"
- "Dr. Thomas is an excellent teacher. At the same time he is one of the toughest teachers I have ever had. He forced me to work up to my potential"
- "I would think more clarifications on how and why the created (U:) files would be used in practice. Say examples of a situation. I am not a computer person that I struggled with. Know more of what the tools in Labview are for maybe a Labview pre-req before this class. Little confused when alone on how to and exactly what to

manipulate with the data. Maybe more hints. But a great learning experience for the real world!!"

- "Excellent professor, very helpful and approachable"

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

- "One of the most helpful and naturally instructive teachers I've had here. We had very few times when Dr. Thomas "taught" a lecture, but he taught us more in the class than many professors actually teach in a 4-hr lecture class"
- "He aided my understanding of lab experimentation, tremendously. He was always willing to take time to explain something I didn't necessarily understand the first time around"
- "Yes. Thank you for being available! You always took my call & replied to questions immediately. At first I was a little bothered by not moving deadlines for unforeseen circumstances that arise but you did teach & prove that a deadline is a deadline and in a job that is the way it is, so I did learn this lesson as well"

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

- "I believe that there was too much time spent on Labview assignments and not enough on lab. If Labview is going to be a critical part of this course in the future then a greater weight of the grade needs to be given to it. The current 10% is not worth the effort. 80% of my time only got be 10% of my grade"
- "I found the Labview portion of this course to be very beneficial and felt it contributed to my learning in the lab as well"
- "Weigh of grade distribution needs a rethought but I can't really see how unless you separated the in class & out of class homework for Labview & cut back the weight of the labs or cut out one of the two finals. But since we had no midterm really you need both finals. Hmm!"
- "I heard through the grape vine this course load was being re-evaluated for this class. As it stands the Labview component is a little too much work for a 2 hour course. I think maybe cutting it to 4 handouts and 4 homeworks would help significantly"