University of Pittsburgh

Spring 2019 - Matthew Barry ME 2256 - APLD CMPTL HEAT AND MASS - 1000 - Lecture

Project Title: **2194 - Teaching Survey Spring 2019**

Courses Audience: **9**
Responses Received: **9**
Response Rate: **100%**

Subject Details	
Name	ME 2256 - APLD CMPTL HEAT AND MASS - 1000 - Lecture
DEPARTMENT_CD	ME
CAMPUS_CD	PIT
SCHOOL_CD	ENGR
CLASS_NBR	31931
SECTION_NUMBER	1000
TERM_NUMBER	2194
COURSE_TYPE	Lecture
CLASS_ATTRIBUTE	
First Name	Matthew
Last Name	Barry
RANK_DESCR	Assistant Professor
TENURE	NT

Report Comments

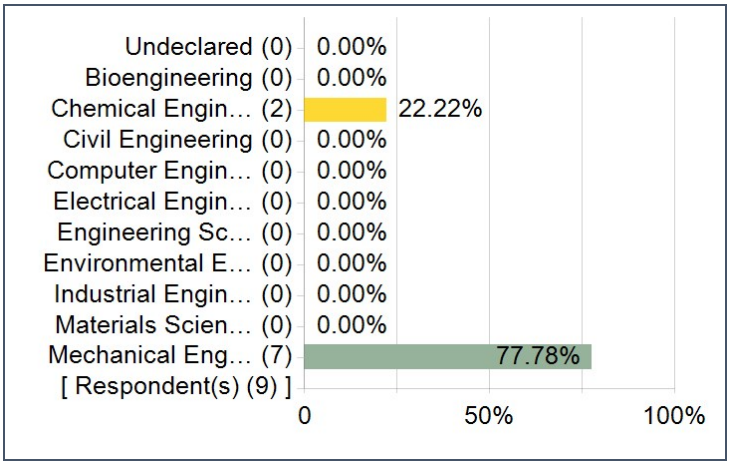
Table of Contents:

Instructor and Course Survey Results:

- Numerical
- Comments
- Additional School or Department Questions (if applicable)
- Additional QP Questions (if applicable)

Creation Date: **Wednesday, May 01, 2019**

Please select the major you are enrolled in. Check at most 2 programs. If you are currently a freshman or an undeclared major, select your anticipated major from the list (or select Undeclared if you are unsure).



University Questions

Instructor Summary of Results - Scale: Strongly Disagree (1) to Strongly Agree (5)

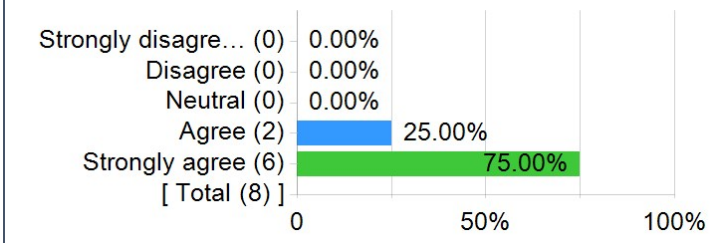
Question	Results		
	Response Count	Mean	Standard Deviation
The instructor stimulated my thinking.	8	4.75	0.46
The instructor was enthusiastic about teaching the course.	8	4.38	1.06
The instructor presented the course in an organized manner.	8	3.63	1.69
The instructor maintained an environment where students felt comfortable participating.	8	4.63	0.74
The instructor maintained an environment where students felt comfortable seeking assistance.	8	4.38	0.92
The instructor provided helpful feedback.	8	4.75	0.71
Assignments contributed to my understanding of the subject.	8	3.75	1.83

Instructor's overall teaching effectiveness

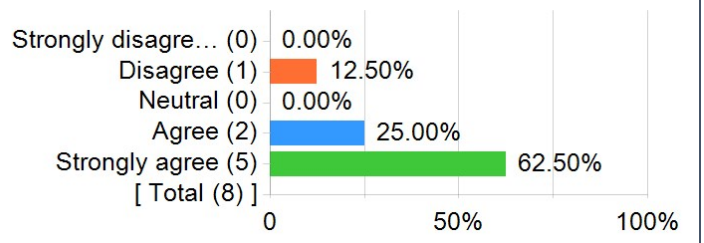
Question	Results		
	Response Count	Mean	Standard Deviation
Express your judgment of the instructor's overall teaching effectiveness.	8	4.63	0.52

Instructor Items: Detailed Results

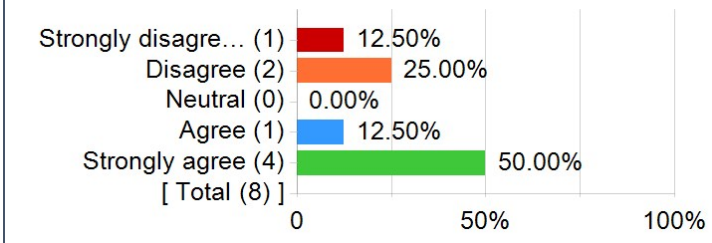
1. The instructor stimulated my thinking.



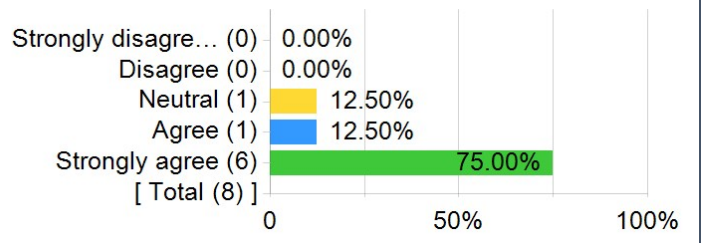
2. The instructor was enthusiastic about teaching the course.



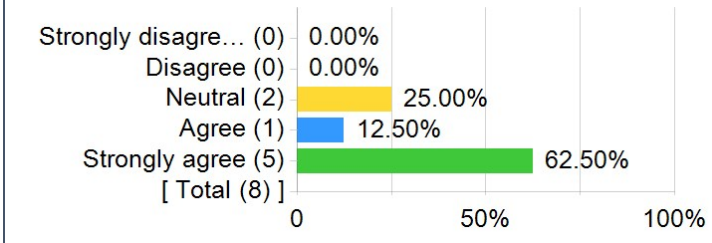
3. The instructor presented the course in an organized manner.



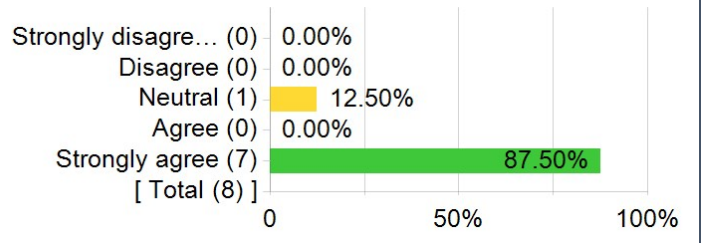
4. The instructor maintained an environment where students felt comfortable participating.



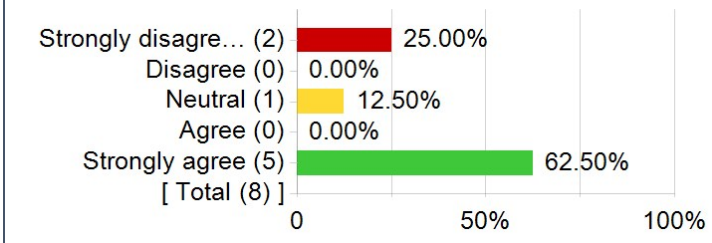
5. The instructor maintained an environment where students felt comfortable seeking assistance.



6. The instructor provided helpful feedback.

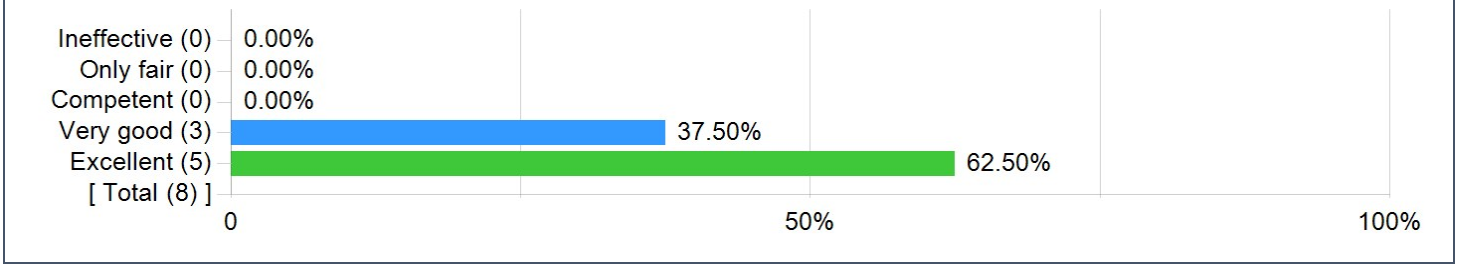


7. Assignments contributed to my understanding of the subject.



Instructor's overall teaching effectiveness:

1. Express your judgment of the instructor's overall teaching effectiveness.



Comments

What did the instructor do to help you learn?

Comments
He taught me
Dr. Barry was willing to stay after class and answer questions on topics. However the course seemed a bit like an after–thought to him, it didn't strike me that teaching the course was a priority to him.
In class examples with CFX
Great mix of application and theory to drive home learning. Kept attention. Short but powerful presentations that didn’t waste time.

What could the instructor do to improve?

Comments
He could be better
For this class, it would be best to develop a video students can view online beforehand for each lecture. This would save time spent in class walking individuals through each step in ANSYS. If the student followed along beforehand and could go at their own pace using the online video it would greatly benefit the efficiency of the class. Also I have to stress the importance of assigning homework. You learn and get better at something by practicing it. Just having lectures for a topic like this isn't enough. There should be weekly assignments that require the student to utilize the skills they are learning. I think an end of course project that ties all the skills together would also be very beneficial. I wish we had had these things when I took this course.
More thermal examples
Some pre–work and or videos to help before class in setting up models would speed up the whole class doing parts of the application of software. Not whole thing but get started so less down time making sure all students are caught up.

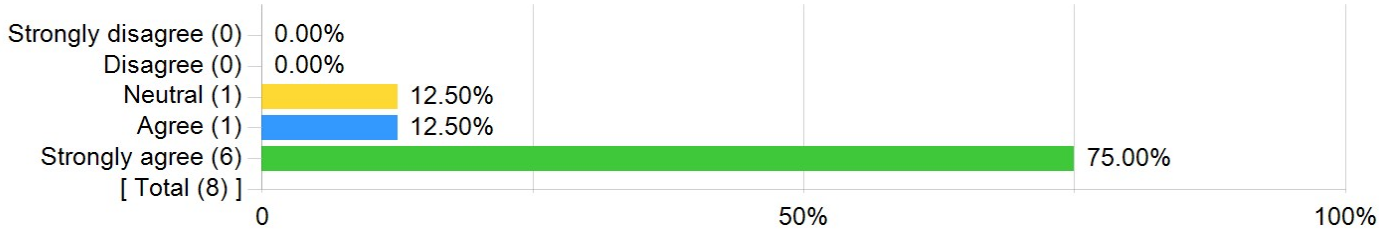
Do you have any other information that you would like your instructor to know?

Comments
http://www.longestjokeintheworld.com/
I would've wanted the following topics covered that weren't: 1. Conjugate heat transfer 2. Some background on geometry and mesh files. In the industrial/applied world of CFD there are many many different file types floating around. Just getting some basic background on these, maybe some best practices would have been great. One thing I'm really glad was covered was the uncertainty analysis. However, two lectures would probably have been better along with an assignment that required you to implement what you learned.
I see a lot of good potential for this much needed class

ENGINEERING

Swanson School of Engineering Items

The instructor was accessible.

1. The instructor was accessible.


Please provide advice to future students: What could you have done to improve your learning in this course?

Comments
http://www.longestjokeintheworld.com/
Not much – I think the major improvements are in the hands of the course organizers and instructors. I think the course should be offered though and teaches valuable knowledge for engineers entering the workforce or those already in the workforce looking to build a skill set in CFD.
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