



WashU Spring 2018 Instructor Report for SP2018.T17.JME.3700.01 - Fluid Mechanics (Michael Wendl)

Project Title: **WashU Spring 2018 Course Evaluations**
Project Audience: **52**
Responses Received: **16**
Response Ratio: **30.77%**

Report Comments

Welcome to your Instructor Report for WashU Course Evaluations. Below you will find response data from the specified course section. Responses to personalized questions appear at the bottom of the report.

The intention of this report is to provide feedback, and also to prompt improvement in areas that may be lacking. This report is accessible to appropriate department level and school level users, as determined by your school. We appreciate your dedication to our learning community at Washington University.

If you have questions about this report, please contact evals@wustl.edu

Please Note: In order to protect student anonymity, course sections with fewer than 4 respondents have been excluded.

Creation Date: **Tue, Jun 05, 2018**

Course Administration

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

Options	Count	Percentage
Yes	16	100.00%
No	0	0.00%

Did the syllabus explain the content and administration of the course (e.g., office hours, grading)?

Options	Count	Percentage
Yes	16	100.00%
No	0	0.00%

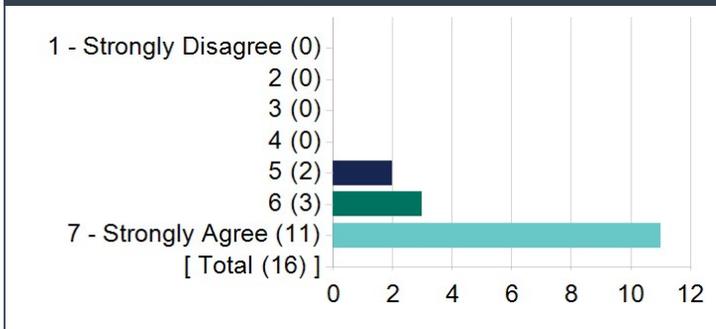
Early in the semester, did your professor explain the expectations for academic integrity?

Options	Count	Percentage
Yes	16	100.00%
No	0	0.00%

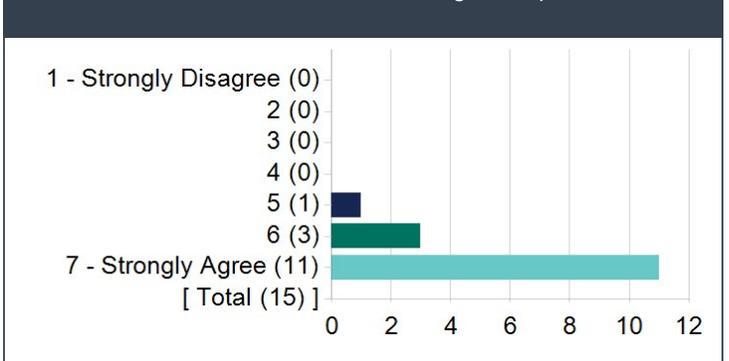
Rating Scale Responses

Question	Score			
	Mean	Median	Response Count	Standard Deviation
In retrospect, the syllabus was an accurate reflection of how the course was actually taught.	6.56	7.00	16	0.73
The course matched the course catalog description.	6.67	7.00	15	0.62

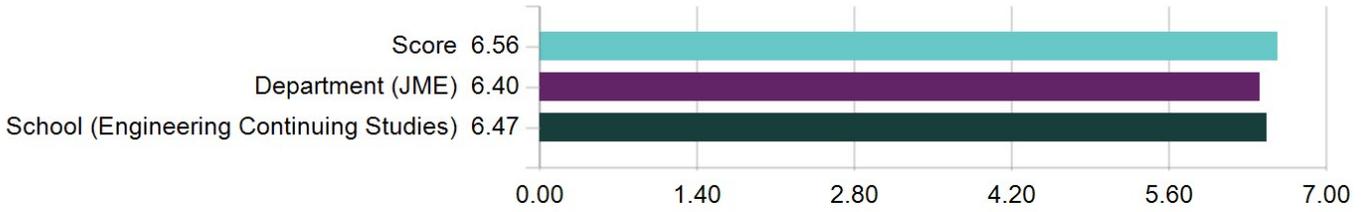
1. In retrospect, the syllabus was an accurate reflection of how the course was actually taught.



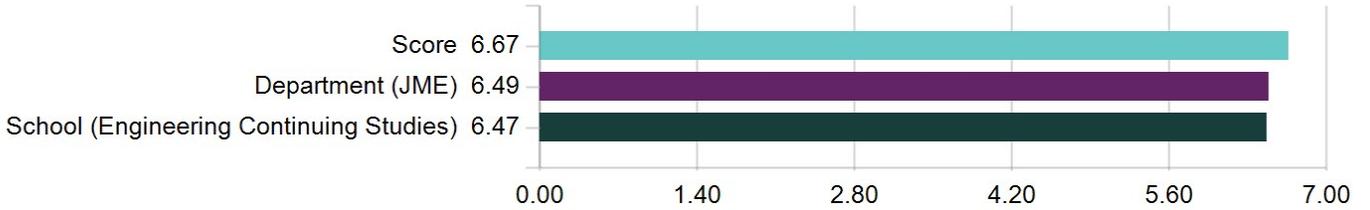
2. The course matched the course catalog description.



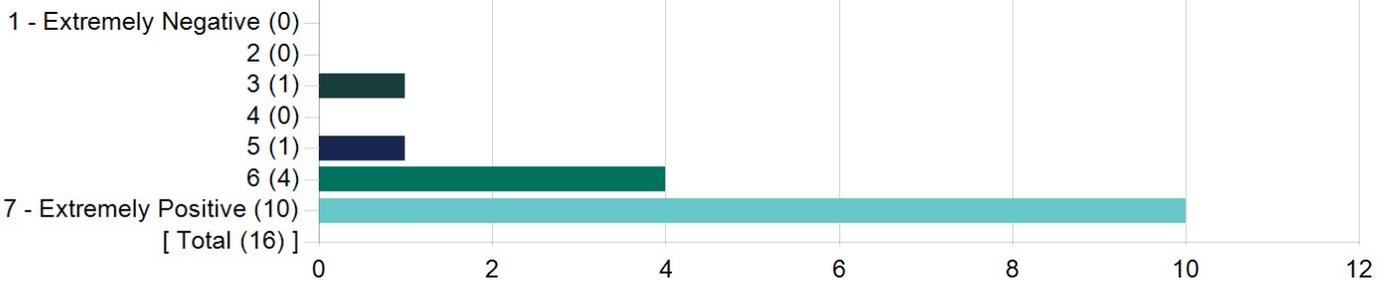
1. In retrospect, the syllabus was an accurate reflection of how the course was actually taught.



2. The course matched the course catalog description.



Please rate how well **Michael Wendl** promoted an inclusive learning environment with regard to the diversity of student personal backgrounds and identities.

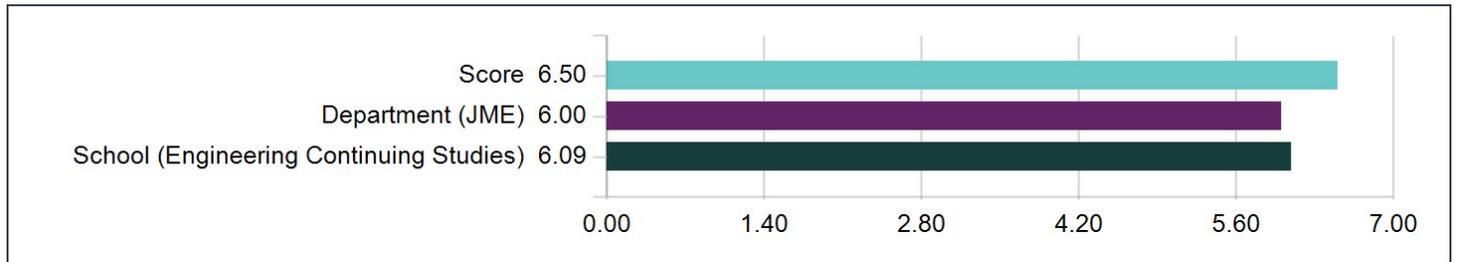
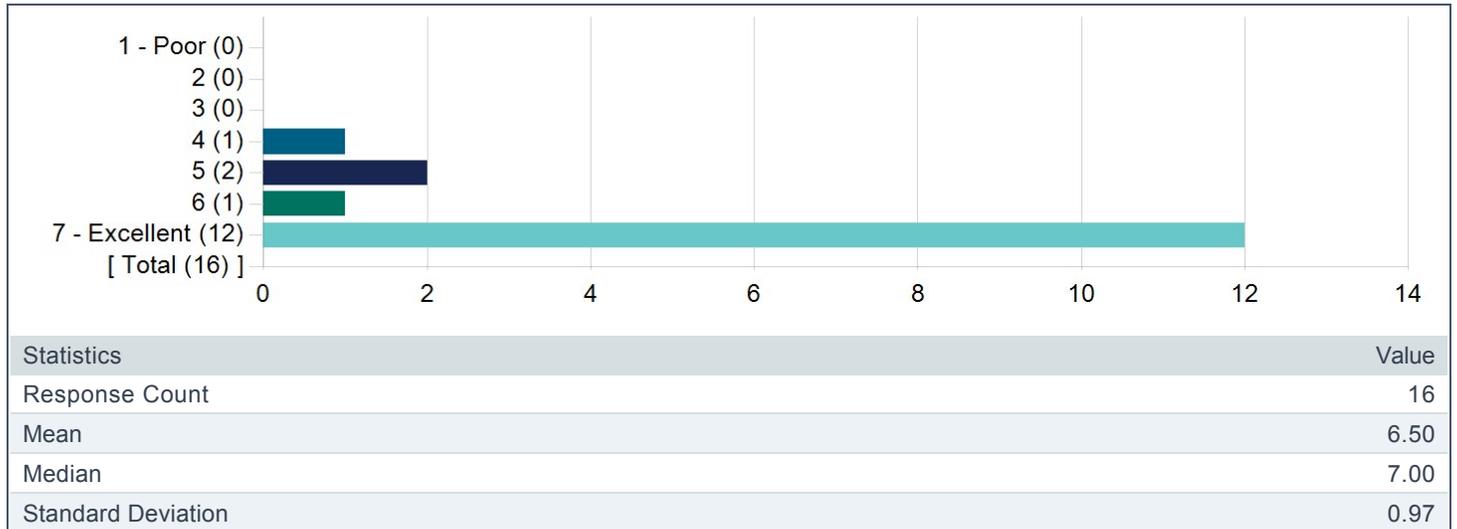


Statistics	Value
Response Count	16
Mean	6.38
Median	7.00
Standard Deviation	1.09



Instructor Evaluation

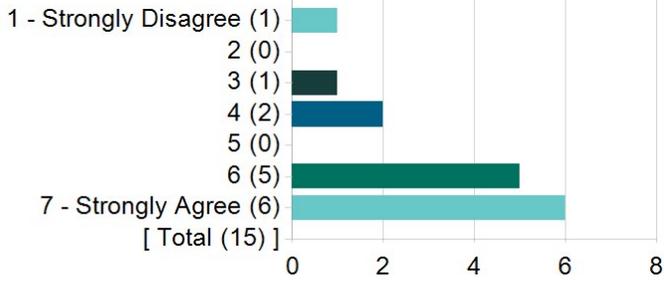
Overall rating for teaching quality of **Michael Wendl**.



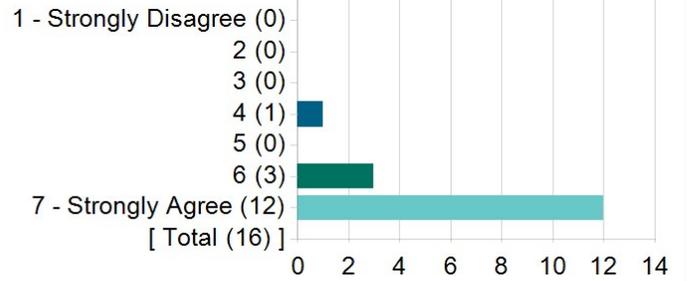
Rating Scale Responses for **Michael Wendl**

Question	Score			
	Mean	Median	Response Count	Standard Deviation
The instructor made the course interesting.	5.60	6.00	15	1.80
The instructor was enthusiastic about the course.	6.63	7.00	16	0.81
The material was covered at a reasonable pace.	5.88	6.00	16	1.36
The instructor was available to answer questions (through office hours, email, etc.).	5.94	6.00	16	1.57
The instructor was well-organized and prepared for class.	6.31	7.00	16	1.01
The instructor explained the course material so that you could understand it.	5.94	7.00	16	1.44

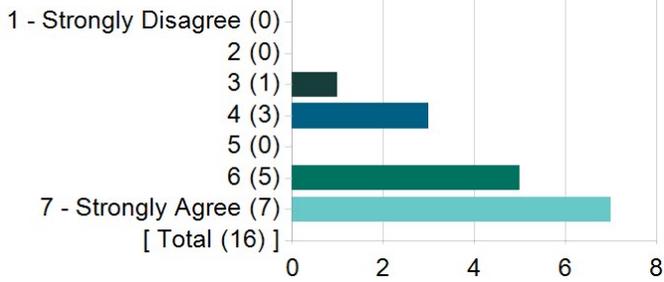
1. The instructor made the course interesting.



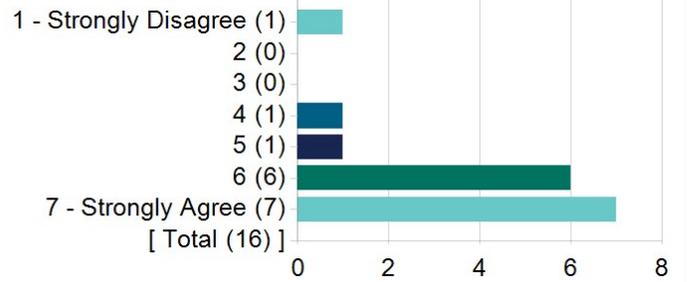
2. The instructor was enthusiastic about the course.



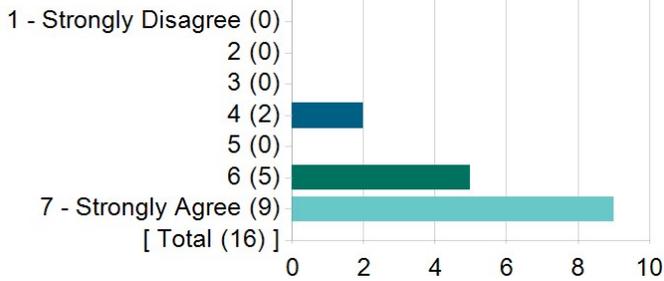
3. The material was covered at a reasonable pace.



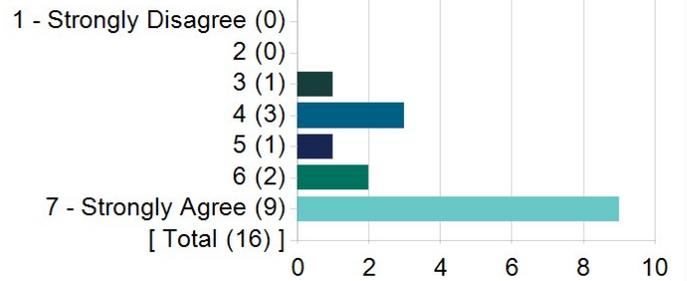
4. The instructor was available to answer questions (through office hours, email, etc.).



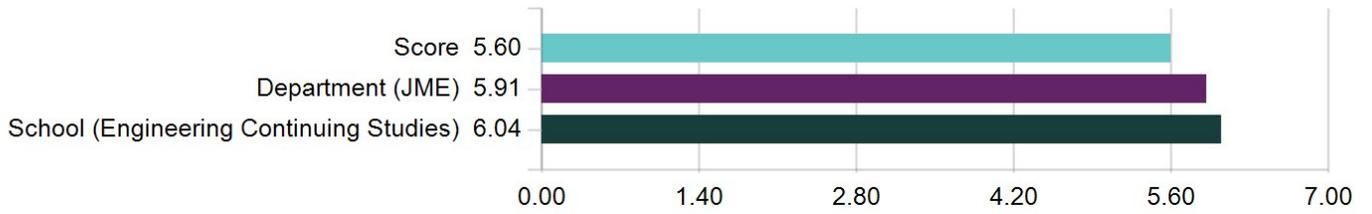
5. The instructor was well-organized and prepared for class.



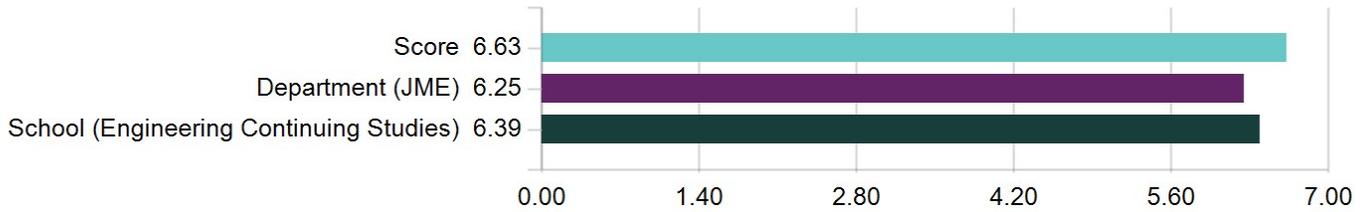
6. The instructor explained the course material so that you could understand it.



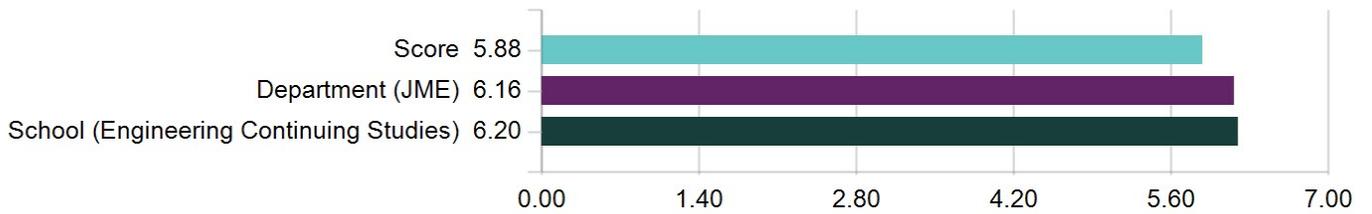
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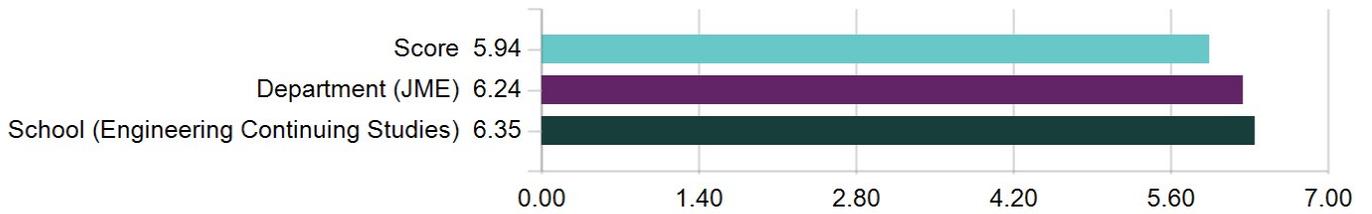
2. The instructor was enthusiastic about the course.



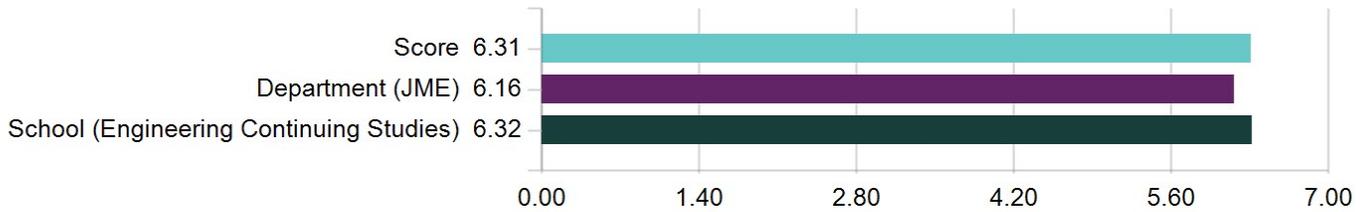
3. The material was covered at a reasonable pace.



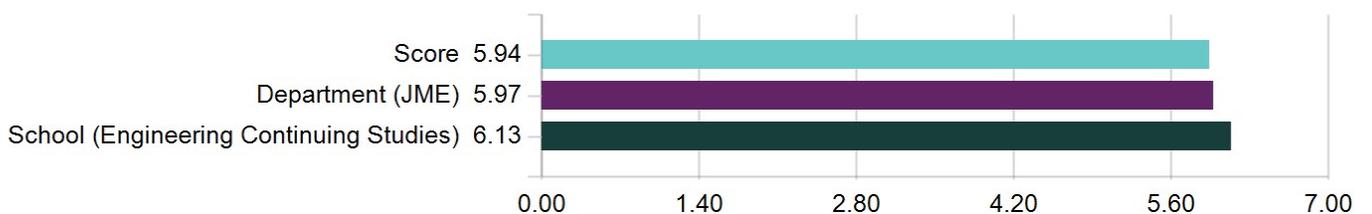
4. The instructor was available to answer questions (through office hours, email, etc.).



5. The instructor was well-organized and prepared for class.



6. The instructor explained the course material so that you could understand it.

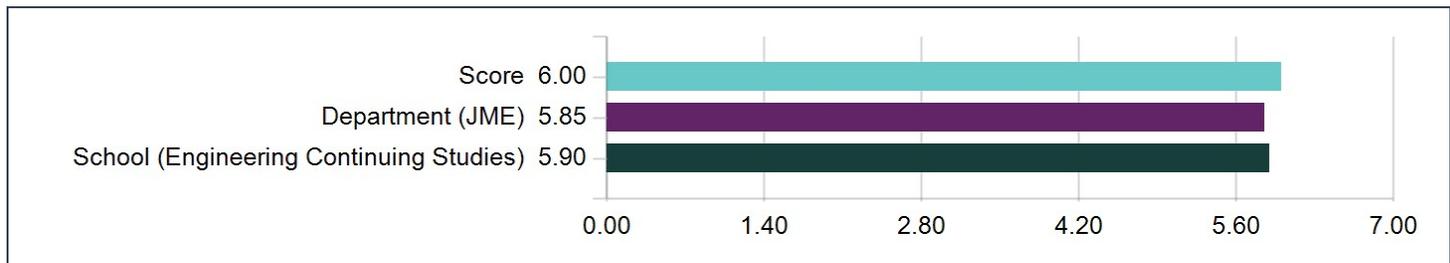
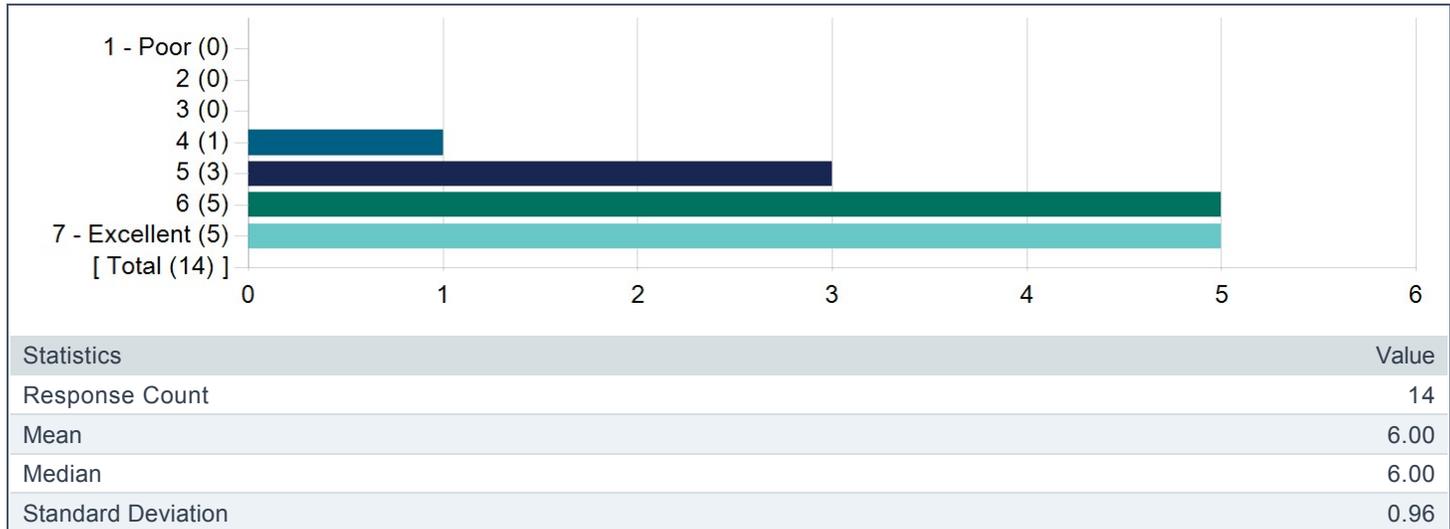


Please elaborate if you felt the material was not covered at a reasonable pace.

Comments
The material is very difficult and takes a lot of outside studying to grasp.

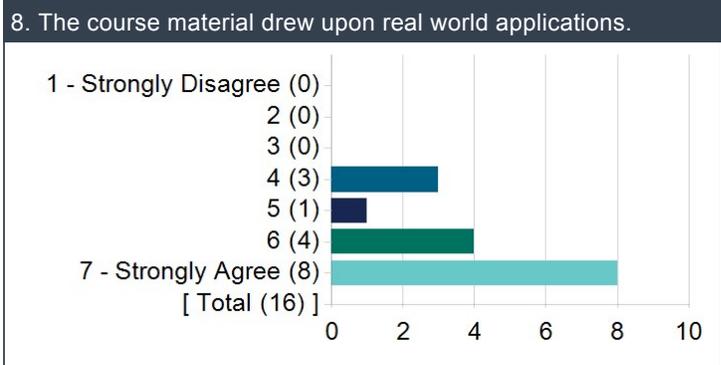
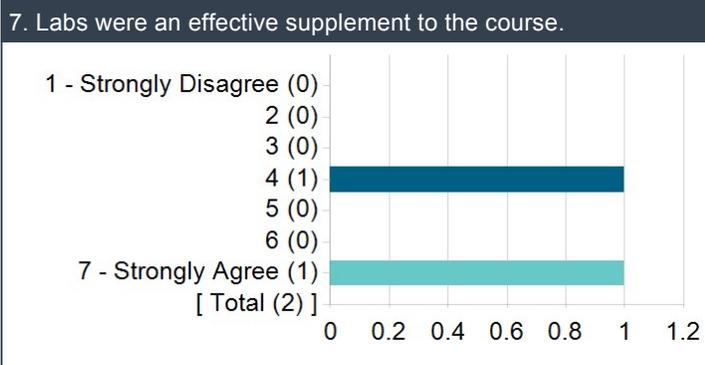
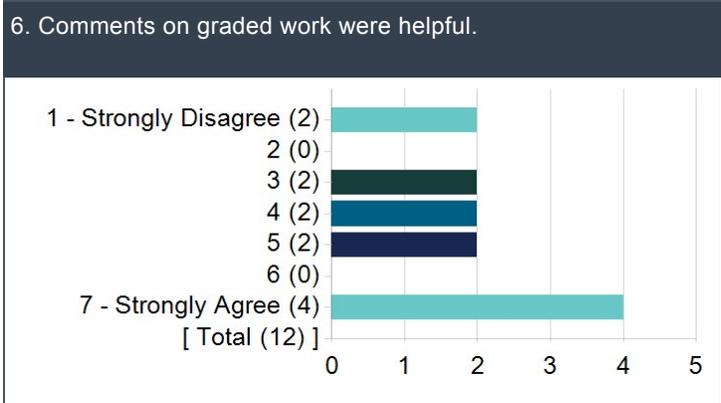
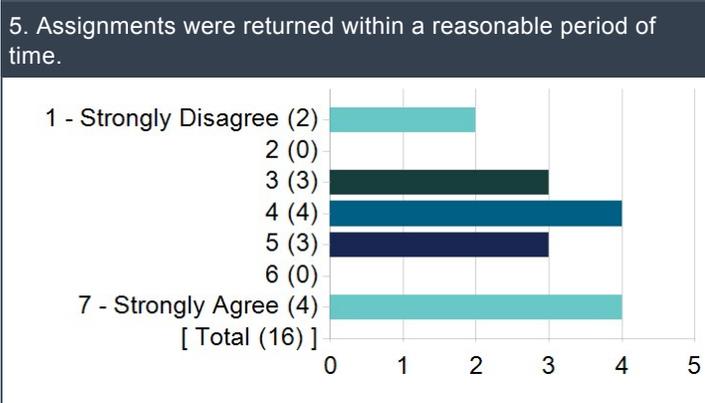
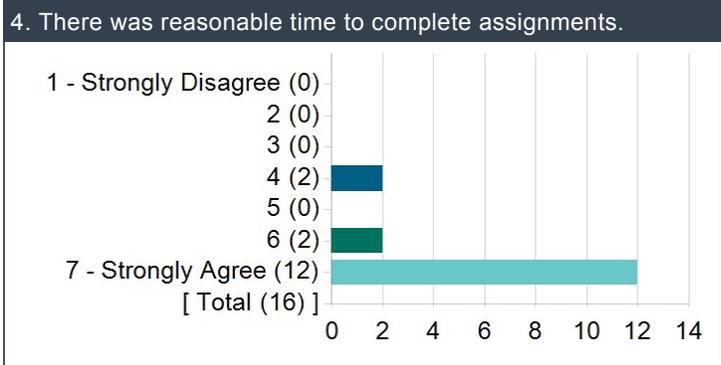
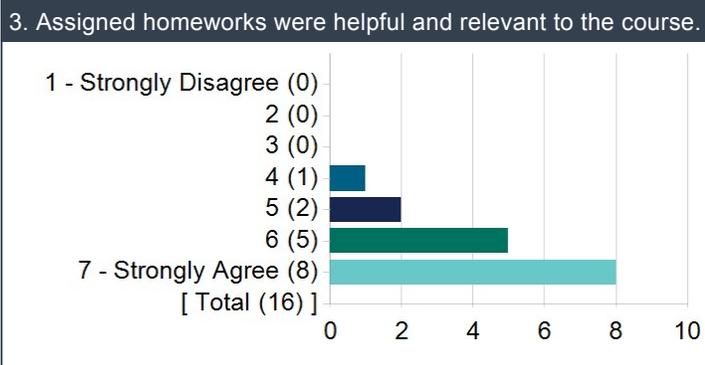
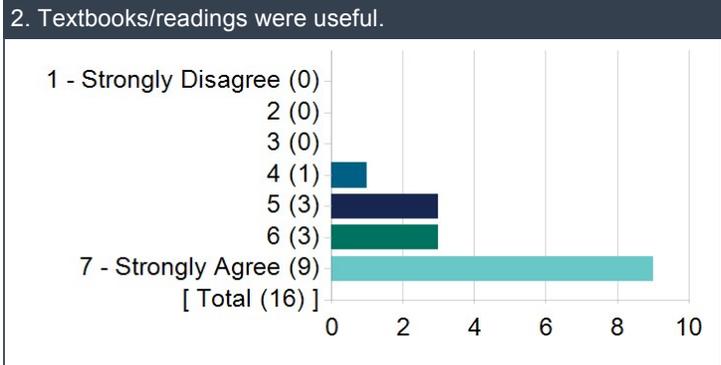
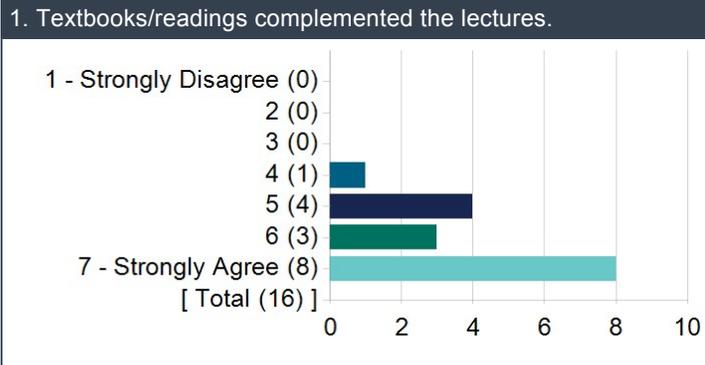
Course Materials and Assignments

Overall rating of course content.

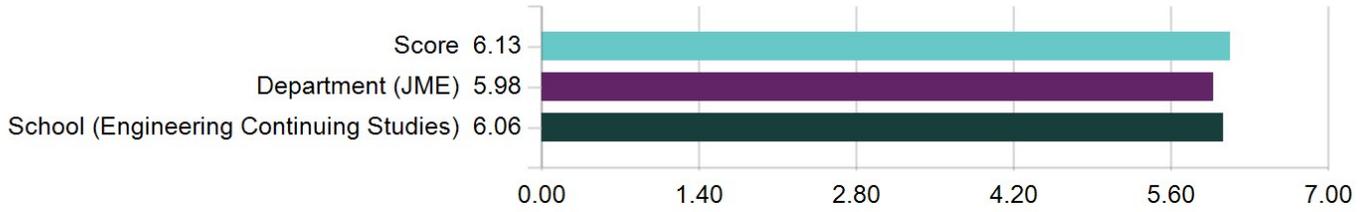


Rating Scale Responses

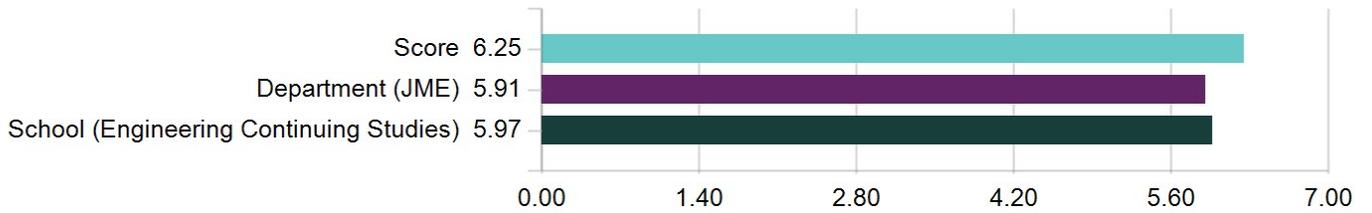
Question	Score			
	Mean	Median	Response Count	Standard Deviation
Textbooks/readings complemented the lectures.	6.13	6.50	16	1.02
Textbooks/readings were useful.	6.25	7.00	16	1.00
Assigned homeworks were helpful and relevant to the course.	6.25	6.50	16	0.93
There was reasonable time to complete assignments.	6.50	7.00	16	1.03
Assignments were returned within a reasonable period of time.	4.38	4.00	16	1.96
Comments on graded work were helpful.	4.50	4.50	12	2.24
Labs were an effective supplement to the course.	5.50	5.50	2	2.12
The course material drew upon real world applications.	6.06	6.50	16	1.18



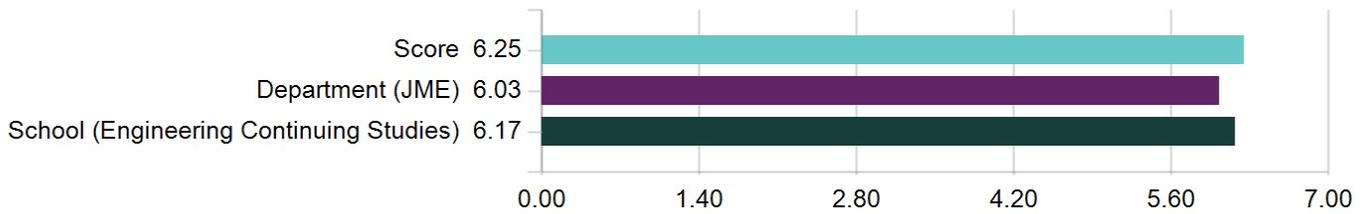
1. Textbooks/readings complemented the lectures.



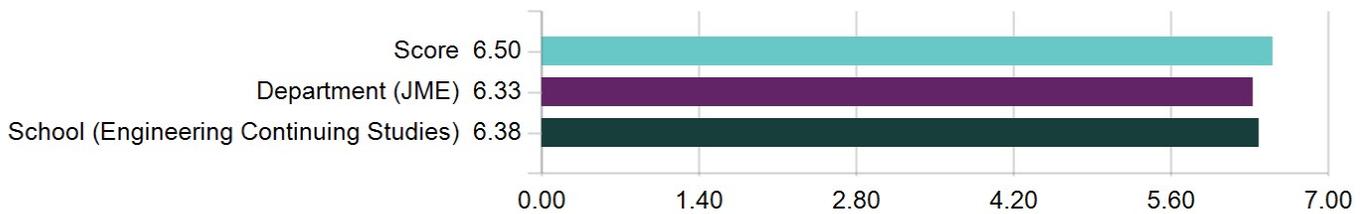
2. Textbooks/readings were useful.



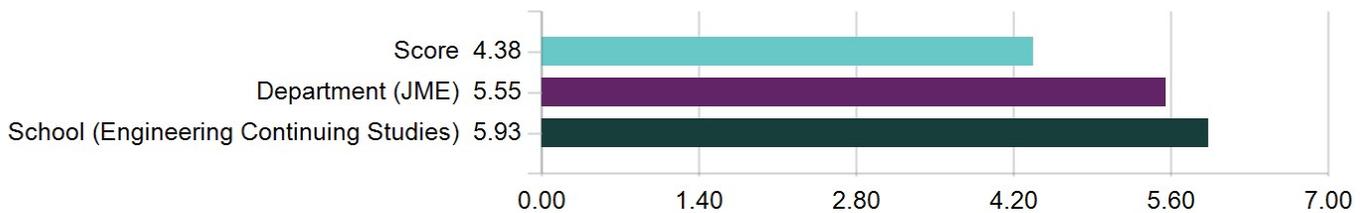
3. Assigned homeworks were helpful and relevant to the course.



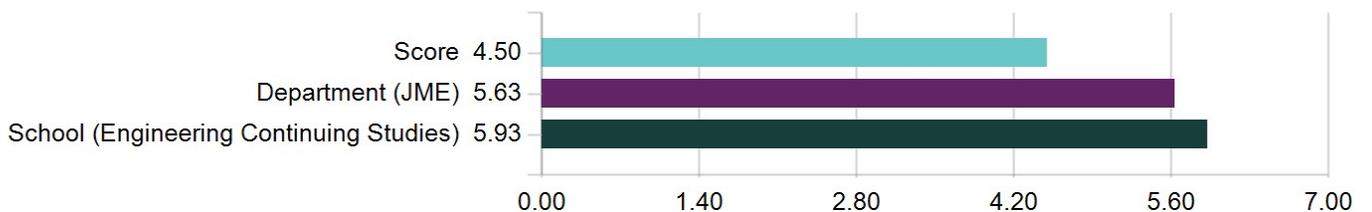
4. There was reasonable time to complete assignments.



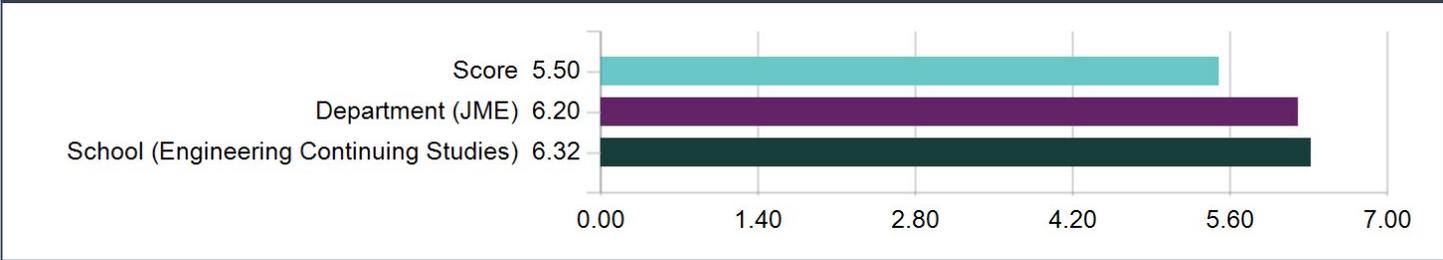
5. Assignments were returned within a reasonable period of time.



6. Comments on graded work were helpful.



7. Labs were an effective supplement to the course.



8. The course material drew upon real world applications.



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

Comments

The supplemental notes were a great addition to the text; were well written and presented. Thank you for supplying your own version of a text.

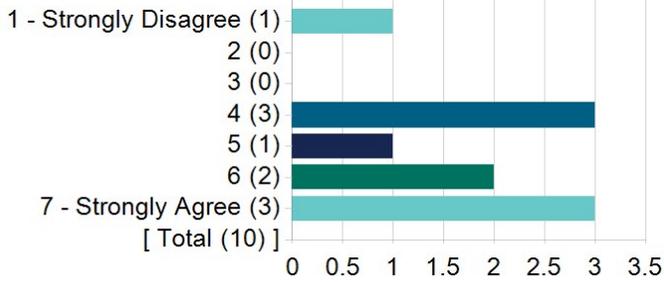
Wendl explained to us that due to the ABET accreditation audit, he was taking extra time in returning graded paperwork to us. It was frustrating, but I do not blame him for the delay.

TA and Recitation

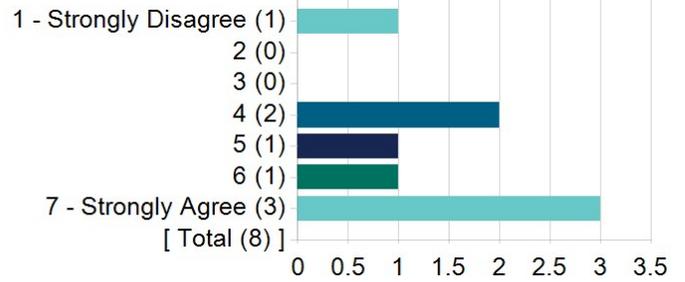
Rating Scale Responses

Question	Score			
	Mean	Median	Response Count	Standard Deviation
The assistant to the instructor was effective.	5.10	5.50	10	1.91
The assistant to the instructor was available and responsive to questions.	5.13	5.50	8	2.10
Recitation section served to enhance your understanding of the course material.	4.86	5.00	7	2.12

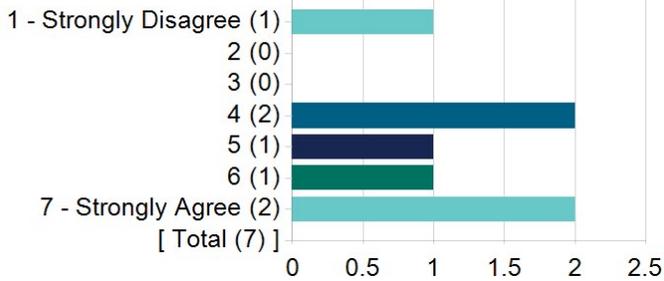
1. The assistant to the instructor was effective.



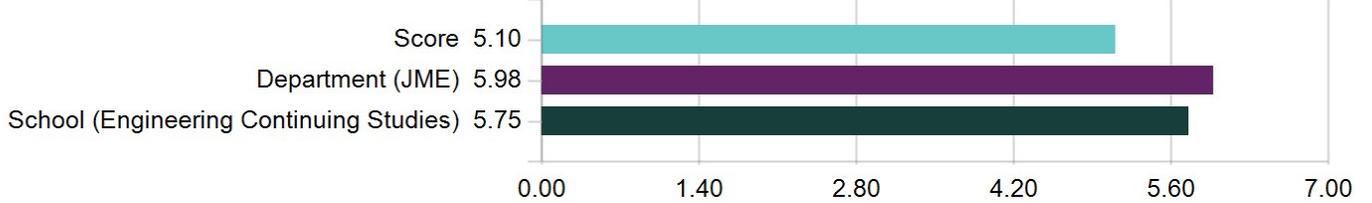
2. The assistant to the instructor was available and responsive to questions.



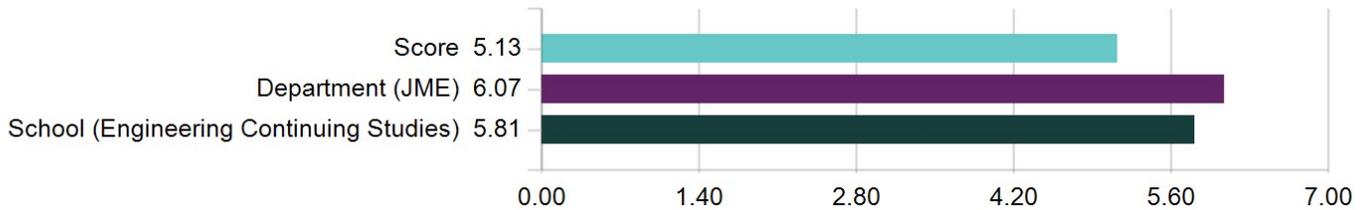
3. Recitation section served to enhance your understanding of the course material.



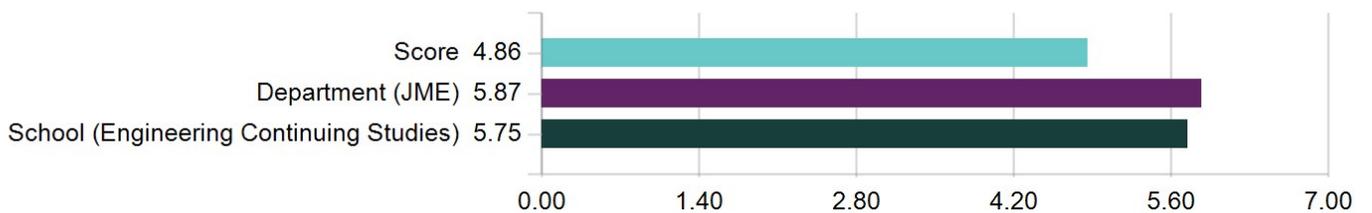
1. The assistant to the instructor was effective.



2. The assistant to the instructor was available and responsive to questions.



3. Recitation section served to enhance your understanding of the course material.



Please comment on the effectiveness of the TA.

Comments
Language barrier was a minor issue, but otherwise a great TA
He was available for help sessions (though my schedule did not permit my attending) but was slow in returning graded assignments.
I never could see him
Assignments were not returned in a timely manner.

Please comment on the effectiveness of the recitation section.

Comments
N/A... No assigned recitation. Study sessions were helpful, but not very organized.

Exams and Grade

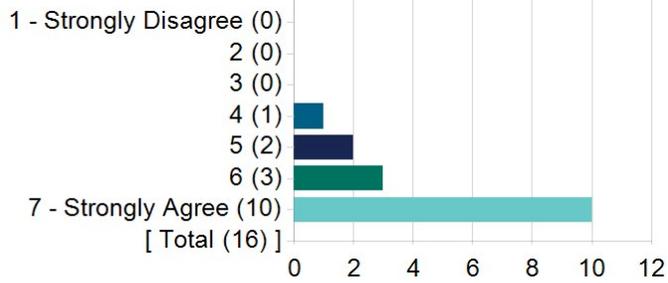
Expected grade for this course.

Options	Count	Percentage
A	2	15.38%
B	6	46.15%
C	5	38.46%
D	0	0.00%
F	0	0.00%
P	0	0.00%

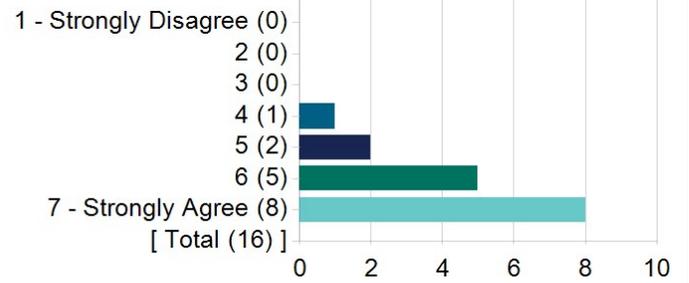
Rating Scale Responses

Question	Score			
	Mean	Median	Response Count	Standard Deviation
Exams reflected material taught.	6.38	7.00	16	0.96
Adequate time was given to complete exams.	6.25	6.50	16	0.93
Your grades to this point accurately reflect your understanding of the material.	6.13	6.50	16	1.09
The grading system was consistent and equitable.	6.13	6.00	15	1.06

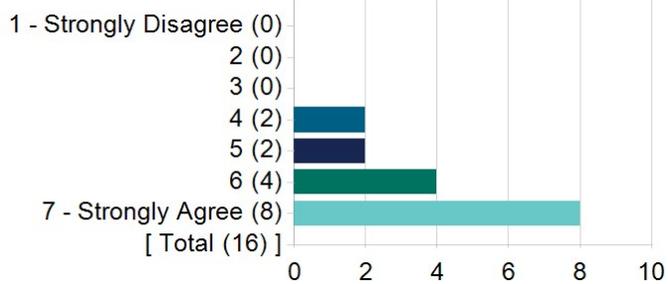
1. Exams reflected material taught.



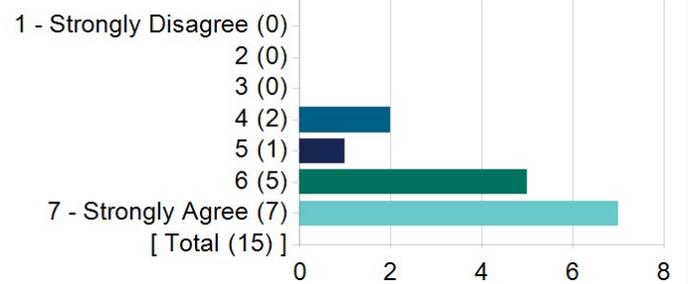
2. Adequate time was given to complete exams.



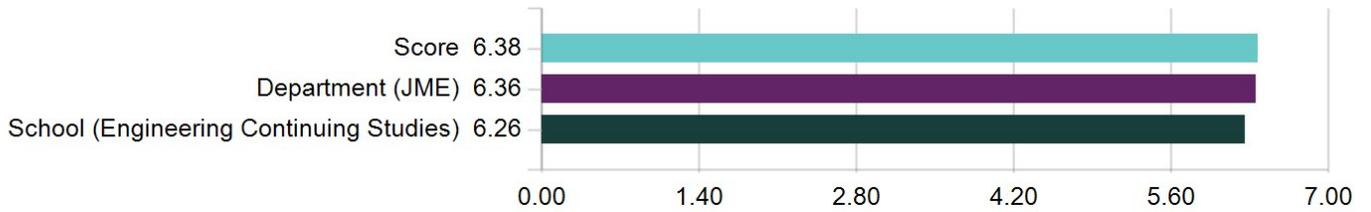
3. Your grades to this point accurately reflect your understanding of the material.



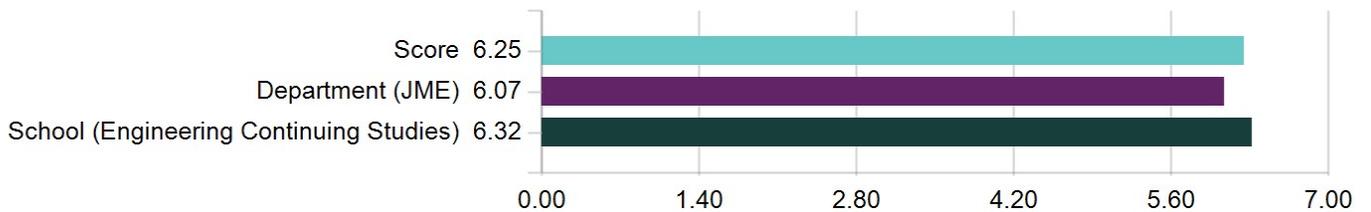
4. The grading system was consistent and equitable.



1. Exams reflected material taught.



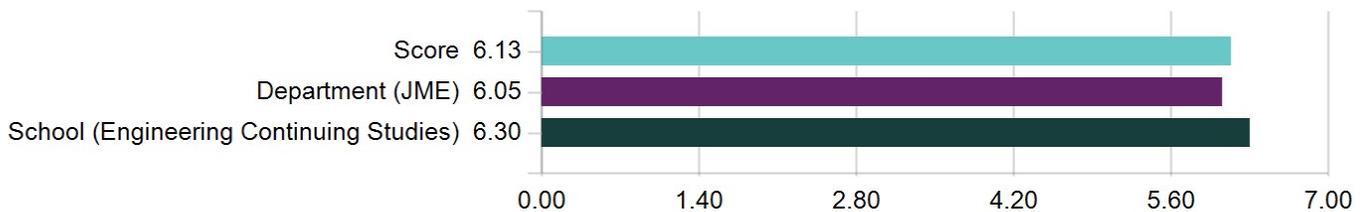
2. Adequate time was given to complete exams.



3. Your grades to this point accurately reflect your understanding of the material.



4. The grading system was consistent and equitable.



Please elaborate if you felt the grading system was not consistent and equitable.

Comments

Not quite sure where I stand in this class. It's the most abstract of grading systems, of which seems odd for engineering curriculum. This is not a large complaint... it just takes getting used to.

Overall

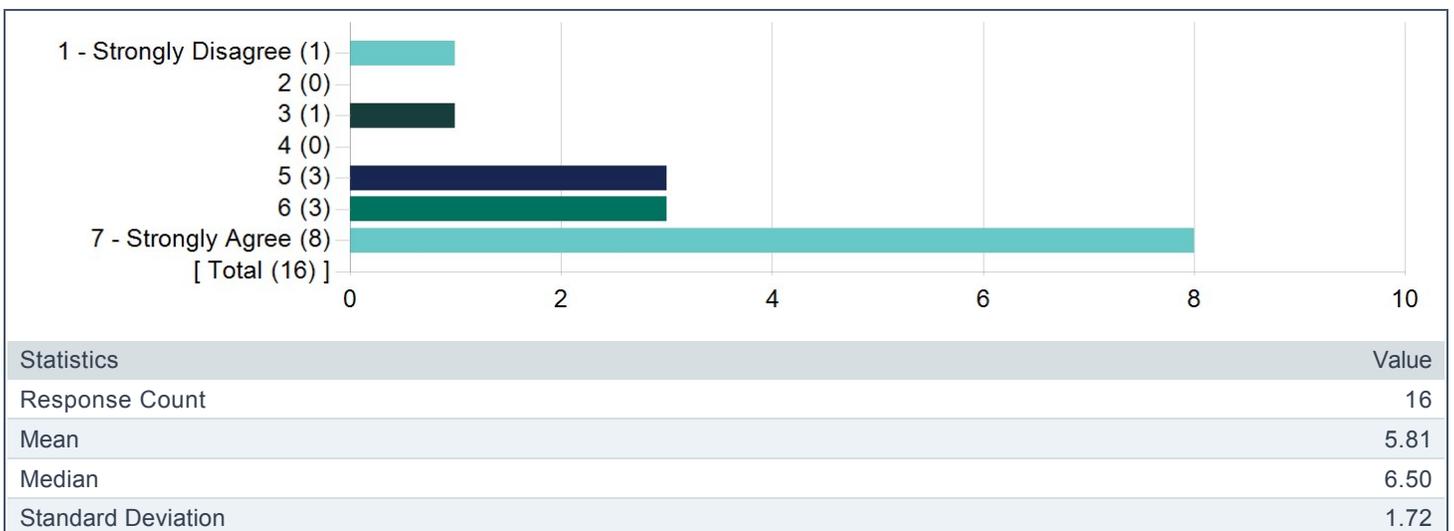
About how many hours per week did you spend on this course outside of class?

Options	Count	Percentage
0	0	0.00%
1-3	3	18.75%
4-6	9	56.25%
7-9	3	18.75%
10-12	0	0.00%
13-15	1	6.25%
Over 15	0	0.00%

What percentage of the lectures did you attend?

Options	Count	Percentage
0%	0	0.00%
10%	0	0.00%
20%	0	0.00%
30%	0	0.00%
40%	0	0.00%
50%	3	18.75%
60%	1	6.25%
70%	0	0.00%
80%	1	6.25%
90%	3	18.75%
100%	8	50.00%

Would you recommend this course to others?



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

Comments
Only when out of town
seemed very long was hard to pay attention

Comments

What did you like most about this course?

Comments
Professor Wendl's teaching style, the way he explained the subject made it easy for me to absorb and understand. Also the notes provided on the instructors webpage were a great help. It allowed me to really listen in lecture instead of rushing to write down as much as possible. I'd be very happy if every professor did something like this, but I'm aware that this might look like laziness on my part. Although, I can say from experience that it is difficult to absorb what the professor is saying while writing down notes at the same time. Your attention is really half on the professor and half on writing. They also condense the material in the book that is sometimes convoluted. I can't stress enough how great it was and I'm thankful he did make notes available to us.
The instructor was passionate about the material, very motivated to discuss and explore, loved answering questions... All around great experience.
The instructor knew the material well, was able to answer questions, and was really into the course material.
The teacher.
The lectures.
Professor Wendl is very kind and knows the math for fluids mechanics extremely well. Fluids is a tough course, but interesting material.
Relates to my work.
was useful and challenging in a good way

How could this course improve?

Comments
Nothing, keep it the same
The tests could even be more difficult, if only there was a little more guidance as to what material to emphasize. There is simply too much material to know everything backwards and forwards so some points of emphasis would have been nice.

What did you like the most about Instructor **Michael Wendl**?

Comments
Overall personality and his extensive knowledge. I never thought that he couldn't answer a question I had.
Passionate, extremely intelligent, friendly, motivated.
He is very helpful and down to earth.
He was into the material, plus he answered all questions
He was very knowledgeable
When he related the problems to real life examples, mathematically explaining 'real' world phenomena (although simplified). It made me connect the dots on why fluids behave as they do. I really enjoyed watching his mastery of mathematics and fluids in action. Obviously, a brilliant mind at work. I feel the Wash U community is quite fortunate to have him.
Very smart and enthusiastic
His attitude and overall demeanor.
Professor was very knowledgeable and enthusiastic about the course. Was always willing to answer questions in class.
super smart guy, explains concepts thoroughly
Very intelligent

How could Instructor **Michael Wendl** improve?

Comments
Nothing, keep it the same.
N/A
He could introduce problems before finding solutions. I think this would help grab the students' attention and help Wendl to stay on track with the solution.

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

Comments
Fun, engaging and will learn a lot if you apply yourself and listen/go to lecture.
Very good fluids class, make sure you take it with Wendl.
Be ready to be challenged and inspired, and brush up on setting up integrals.
Hard but actually learn from professor.
Fluid mechanics requires more time than I was able to put into the class. Read the text book, the notes that the instructor offers to the students, and attend lecture. I believe doing all three would have helped me succeed more, and build a more solid understanding of the course material.
Difficult, too many derivatives.
remember calculus 3. With water.

Have you observed any violations of academic integrity (e.g., cheating) in this course?

Comments
NO
No
I noticed a student using her phone and multiple cheat sheets during the exam. She did so by hiding it behind a pencil bag on her desk. I feel this is unfair as I studied and played by the rules whereas she did not. I also would like to note that she missed a number of lectures. I almost said something, but I did not want to make it obvious I was ratting her out. I do not feel that this reflects poorly on professor Wendl, but more focus has to be put on keeping students from cheating.
no
No.
Yes.

Any additional comments?

Comments
Thanks for a great class!