

COURSE ASSESSMENT REPORTS - My Specific Faculty Comments

Course: MATH 136 Applied
Mathematics II
Term: 202103 - Spring Term 2021

Instructor: Jan Glaubitz

Question: Comment on 1-3 things that the professor did well and should continue to do in the future:

1	I appreciate how Professor Glaubitz would ask "what questions do people have" rather than "does anyone have questions".
2	In the group meetings and in the lecture, it was apparent that the professor really cared about the students and their understanding of the material. He managed to engage students in the lecture with breakout rooms and by asking questions.

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Question: Add any specific recommendations on how the professor is assessing the course work and giving feedback to students that you believe would be useful:

1	The professor gave very helpful and personal feedback in the group meetings that helped me to deepen my understanding of the topics.
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COURSE ASSESSMENT REPORTS - Non-Faculty Specific Comments

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Course Design and Effectiveness

Question Section

Question: Comment on the aspects of the course that you think were most effective:

1	I enjoyed the group work aspect, it helped build community and foster understanding. The script was also very helpful to have beforehand.
2	I think that the flipped classroom concept was very good. The script by itself was very well written and the lecture was a good complement to deepen the understanding of the material. Handing in homework as a team was a very good experience (especially in these isolating times of COVID) and in combination with the group meetings with the professor seems very good for learning important soft skills.
3	I thought the course was well-organized, and liked the provided 'course script'.

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Course Design and Effectiveness

Question Section

Question: Comment on 1-3 aspects of the course that could be improved or enhanced:

1	I thought the course was very well taught, but I don't think the content made sense as either a graduate or undergraduate course. For example, I felt the treatments of calculus of variations and functional analysis were too shallow for graduate students, but left the undergrads confused with new definitions and notation. As a graduate student, there was also significant overlap with other required/typical courses. PDE covered the fourier material and most of the phd students took functional analysis anyway.
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Question Section **Course Design and Effectiveness**

Question: What remote learning experiences worked particularly well for you in this course? In your response, please consider the various aspects of the course including lectures, labs, discussions, drills, and

creative works.

1	I liked the single block lecture each week to cut down on Zoom time, and also thought the group homework assignments and weekly meeting with the professor were a great idea.
2	The flipped classroom concept worked very well. Moreover, working in teams helped to maintain connections to other students a lot.

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Question: Comment on the aspects of the Flipped Classroom style of the course that you think were most effective

1	I appreciated working through examples in class, it was helpful to see live demonstrations of concepts I didn't get, and we didn't spend time on the easier material I could understand on my own.
2	The script was very well organized and easy to follow. The lecture helped deepen the understanding of the script by providing good examples and encouraging communication about the material in breakout rooms.

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Question: Comment on the aspects of the team-based homework assignments that you think were most effective

1	Especially during COVID, the team-based approach helped to maintain contact to other students. In my group, the workload was divided very fairly and I honestly enjoyed this term much more because of the weekly team-meetings. Also, communicating with other students about the assignments helped me understand the material better.
2	It was helpful to be able to discuss the more complicated questions / different approaches with other students.

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Question: Comment on 1-3 aspects of the team-based homework assignments that could be improved or enhanced

1	I didn't find the meetings to go over feedback very useful, the solutions were very helpful in this regard, so that time might have been spent better on more lecture time.
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COURSE ASSESSMENT REPORTS - Student Initiated Comments

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Instructor: Jan Glaubitz

Question: Comment on the methods of evaluation chosen by the instructor, e.g. tests, papers and examinations and the workload expected of students:

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| 1 | I enjoyed that pressure was taken off the homework by the concept of giving full homework credit for some proportion of the points. This helped me enjoy working on the homework more and encouraged me to try new ways of thinking about problems instead of always going the safest way to get points. |
| 2 | I liked how homework was graded, so there was less pressure to get everything "perfect". |

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Question: Comment on the structure of the class, for example the mix between lecture and discussion:

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| 1 | Very good structure. Well-organized and explained script that was complemented by the lecture with good examples and team discussions. |
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Question: How did this course influence your academic experience at Dartmouth?

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| 1 | This was the best course I took in Dartmouth so far. This course showed me again why I love math. |
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