

Individual Report for Instructor Lototsky (39673-20223 : MATH-445 Mathematics of Physics and Engineering II (39673))

Project Title: **USC Learning Experience Evaluations - Fall 2022**

Courses Audience: **35**
Responses Received: **5**
Response Ratio: **14.29%**

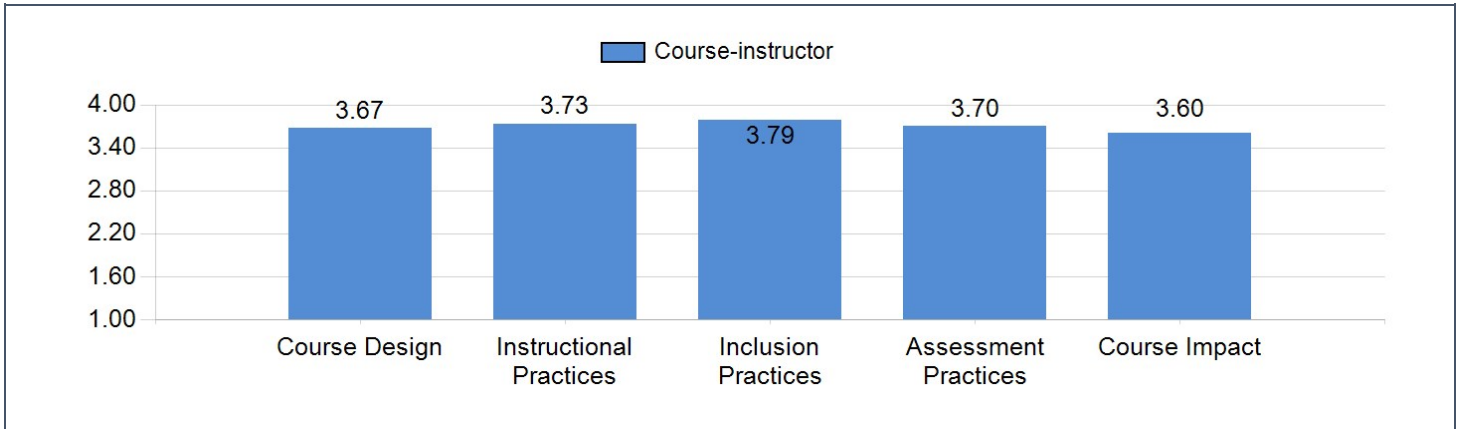
Report Comments

This semester's summary scores reflect a shift to online instruction.

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LEARNING EXPERIENCE SUBSCALE ANALYSIS

Learning Experience Subscale Average Score



Competency	Course-instructor	Standard Deviation
Course Design	3.67	+/-0.62
Instructional Practices	3.73	+/-0.59
Inclusion Practices	3.79	+/-0.56
Assessment Practices	3.70	+/-0.47
Course Impact	3.60	+/-0.83

COURSE DESIGN

	N	Mean	Std. Deviation
The course objectives were well explained.	5	3.80	0.45
The course assignments were related to the course objectives.	5	3.40	0.89
I understood what was expected of me in this course.	5	3.80	0.45

INSTRUCTIONAL PRACTICES

	N	Mean	Std. Deviation
The instructor carefully explained difficult concepts, methods, and subject matter.	5	3.60	0.89
The instructor encouraged me to do my best work.	5	3.80	0.45
The instructor encouraged questioning and discussion of course topics from the students	5	3.80	0.45

INCLUSION PRACTICES

	N	Mean	Std. Deviation
The course materials included diverse perspectives OR applications to diverse populations.	3	4.00	0.00
The instructor used a variety of teaching approaches to meet the needs of all students.	5	3.40	0.89
The instructor was receptive to the expression of diverse student viewpoints	4	3.75	0.50
The instructor demonstrated sensitivity to students' needs and diverse life experiences	5	4.00	0.00

ASSESSMENT PRACTICES

	N	Mean	Std. Deviation
The assessments/assignments reflected what was covered in the course.	5	3.60	0.55
The grades I have received thus far reflect the QUALITY of my performance in the course.	5	3.60	0.55
The criteria for good performance on the assignments or assessments were clearly communicated.	5	3.80	0.45
The instructor's evaluation of my performances was constructive.	5	3.80	0.45

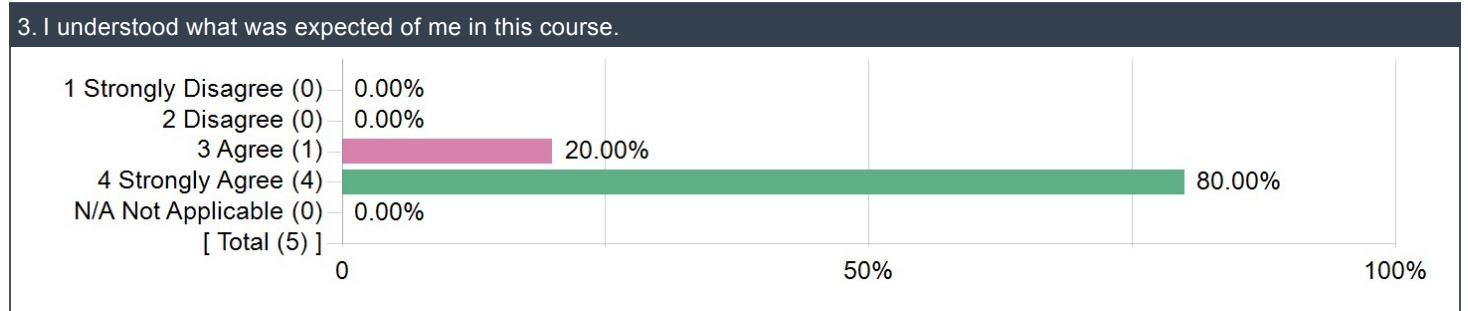
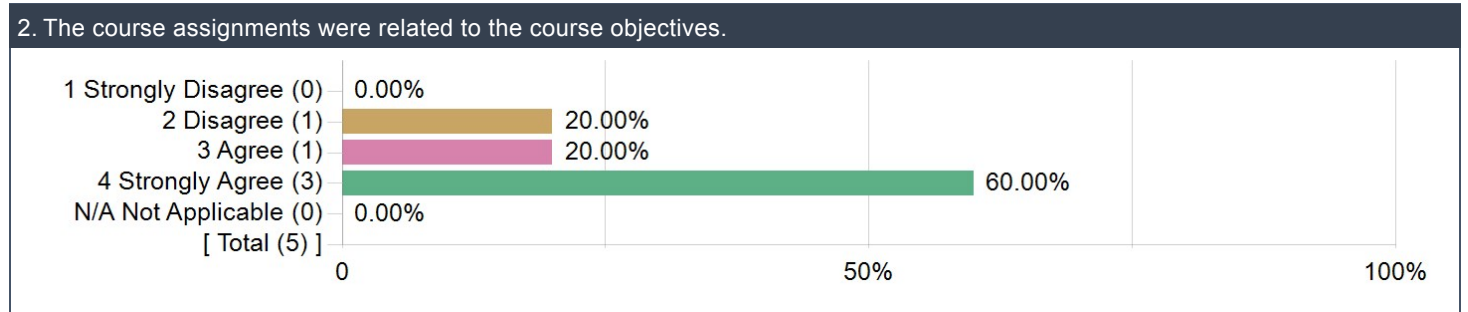
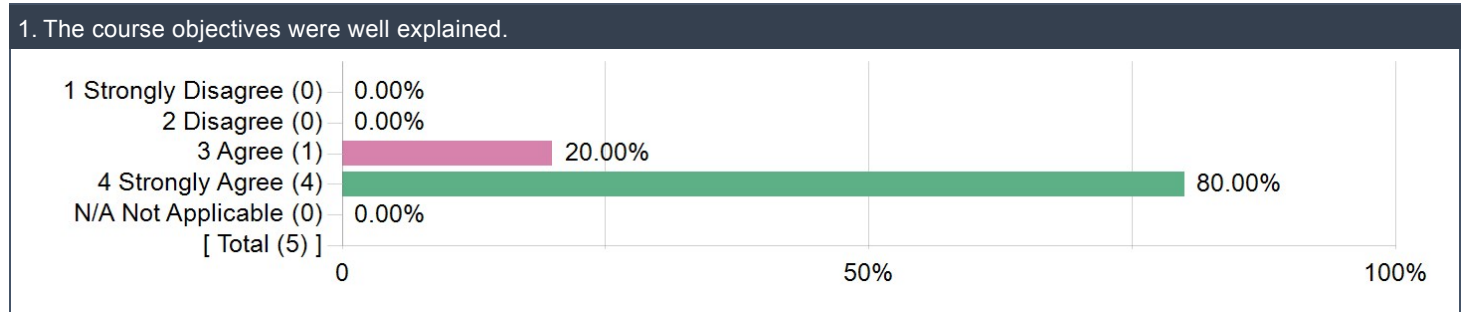
COURSE IMPACT

	N	Mean	Std. Deviation
I learned perspectives, principles, or practices from this course that I expect to apply to new situations.	5	3.60	0.89
This course challenged me to think critically and communicate clearly about the subject.	5	3.60	0.89
This course provided me with information that may be directly applicable to my career or academic goals.	5	3.60	0.89

LEARNING EXPERIENCE SUBSCALE ANALYSIS: COURSE DESIGN

COURSE DESIGN

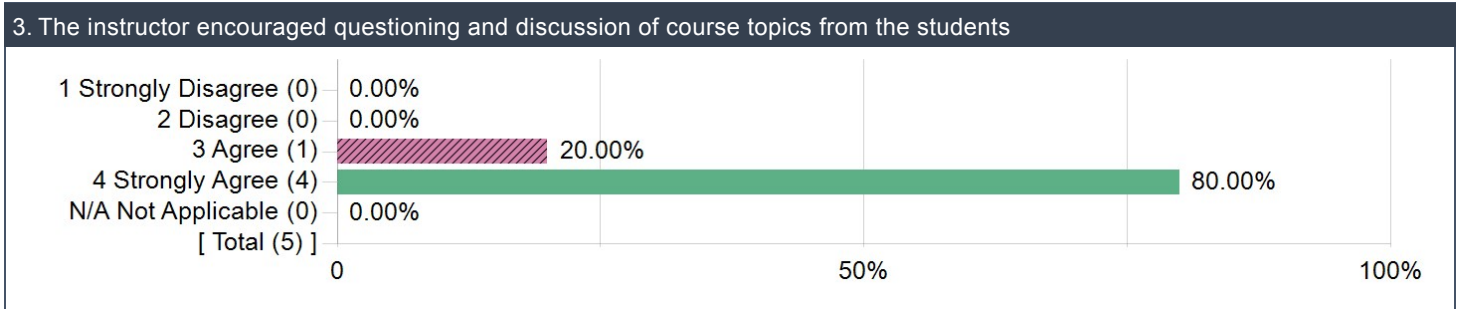
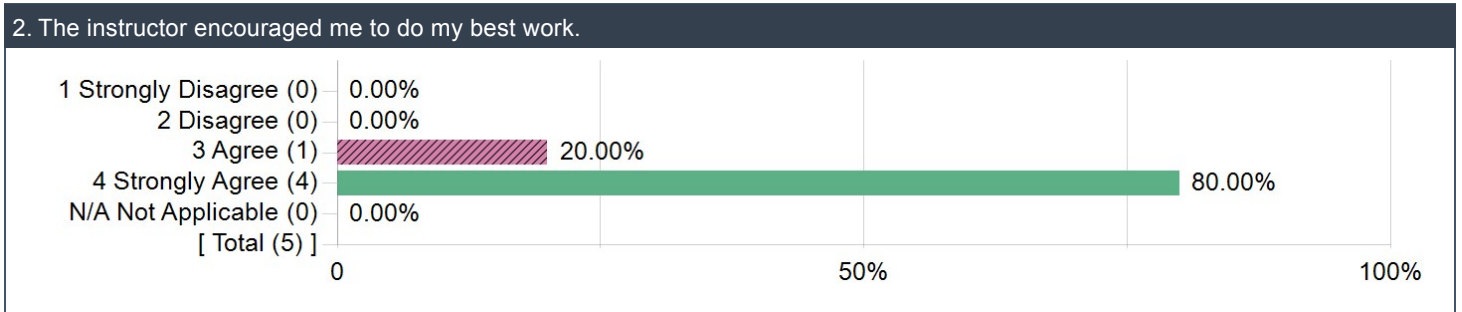
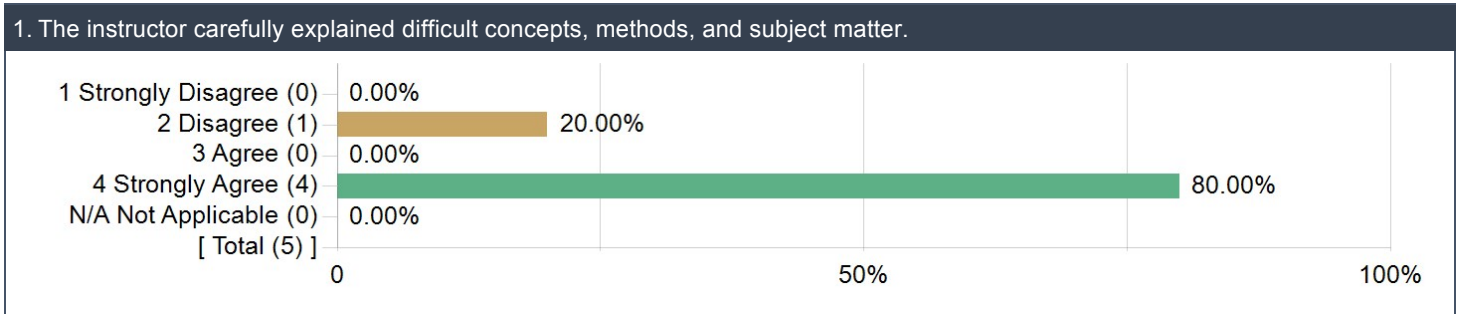
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LEARNING EXPERIENCE SUBSCALE ANALYSIS: INSTRUCTIONAL PRACTICES

INSTRUCTIONAL PRACTICES

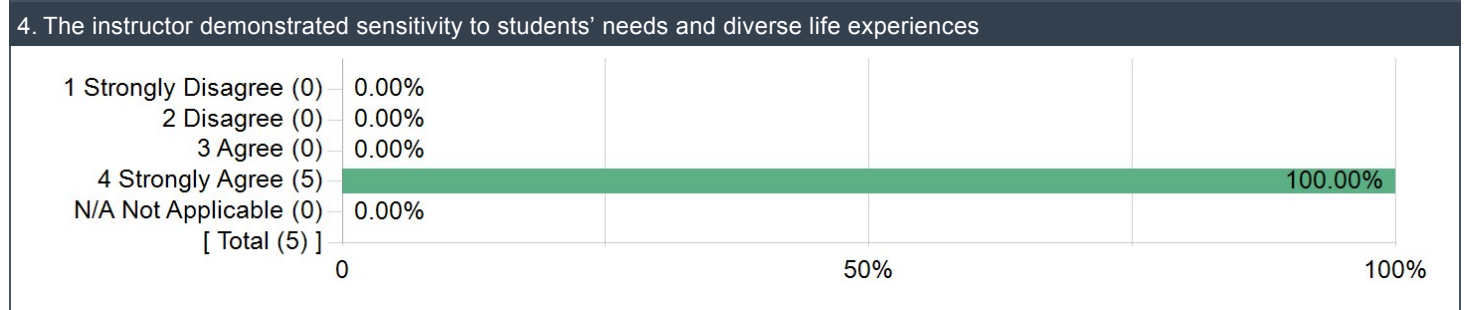
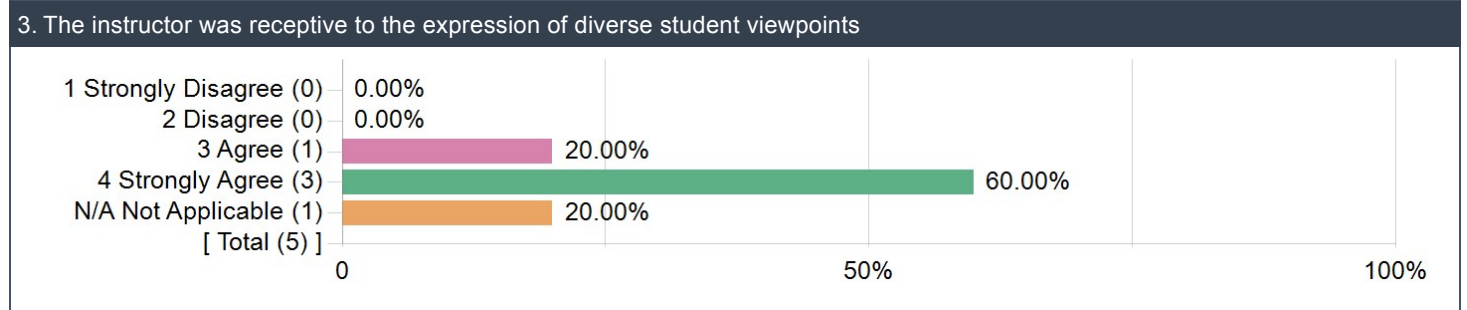
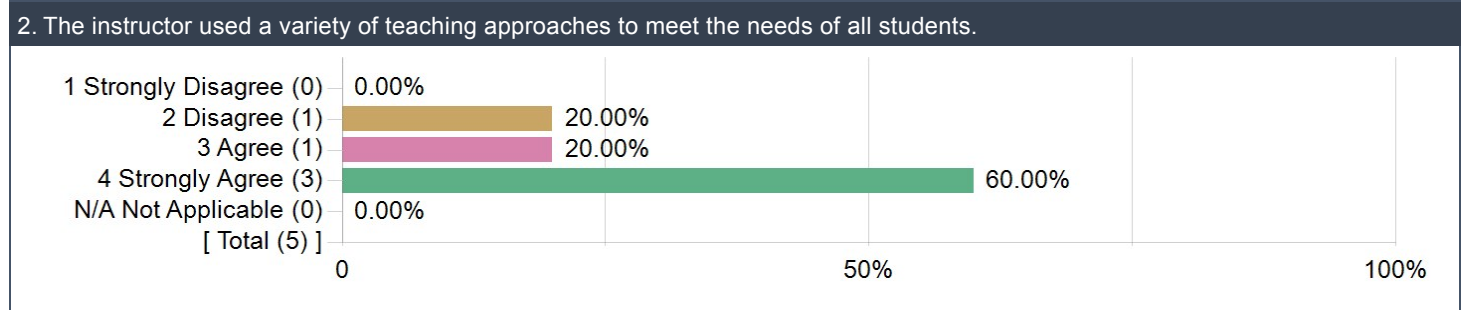
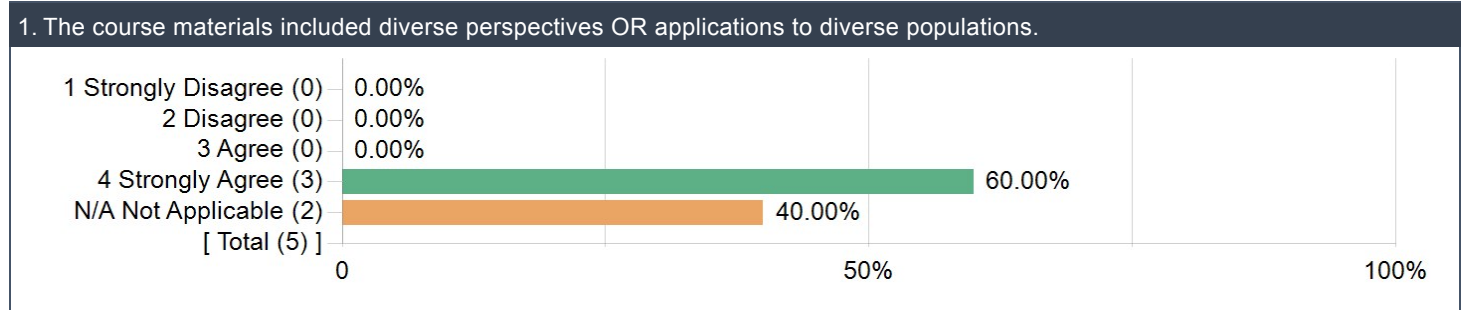
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LEARNING EXPERIENCE SUBSCALE ANALYSIS: INCLUSION PRACTICES

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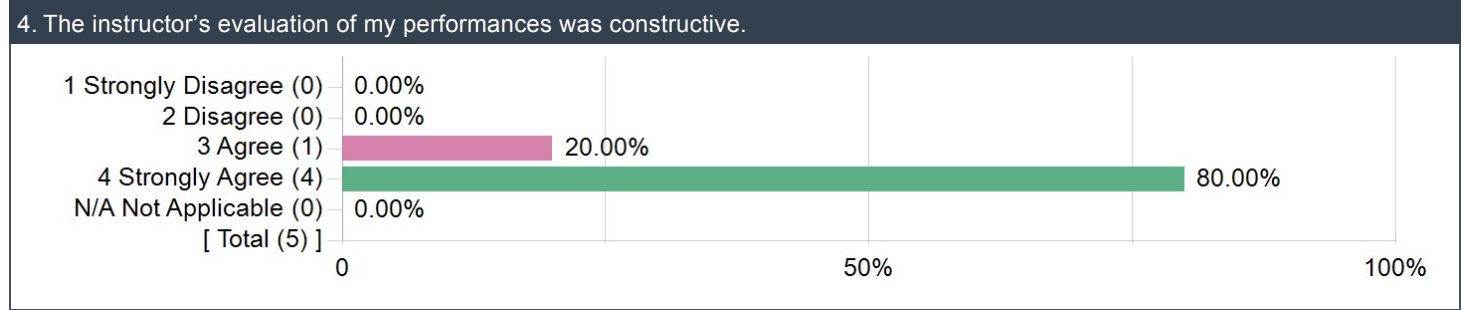
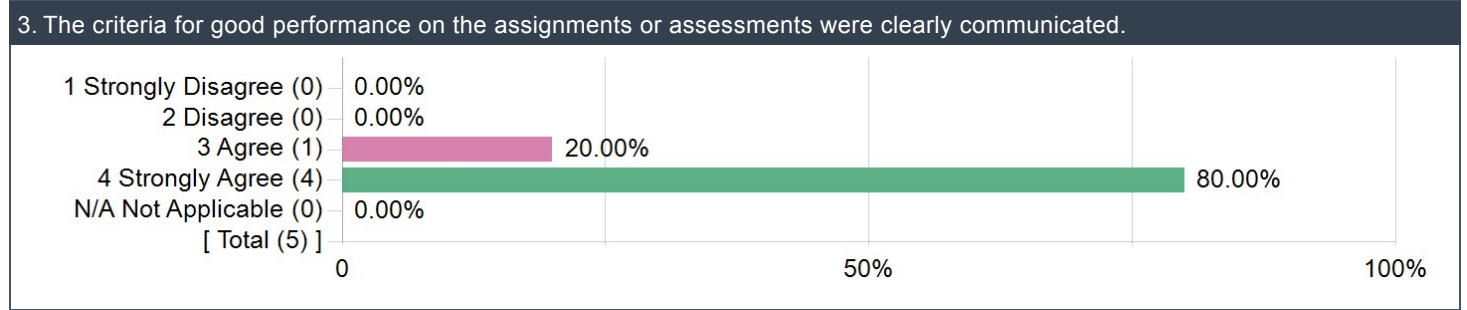
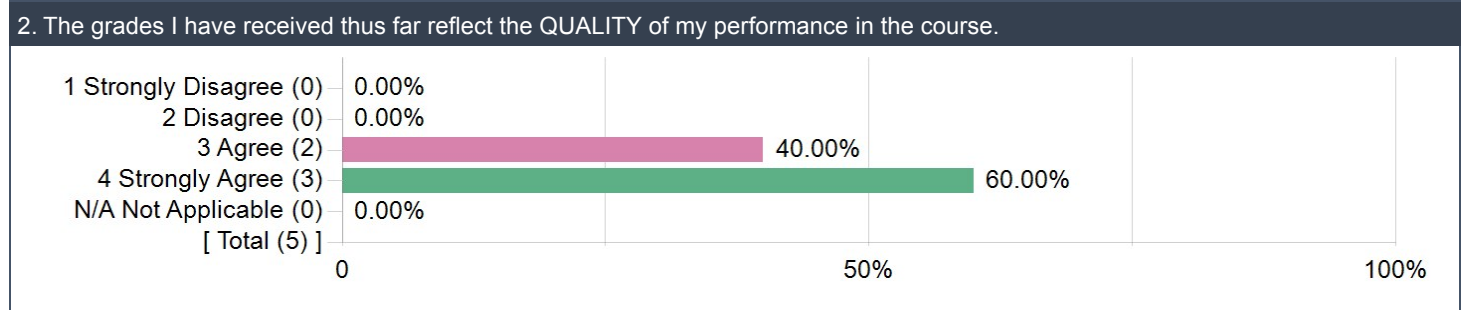
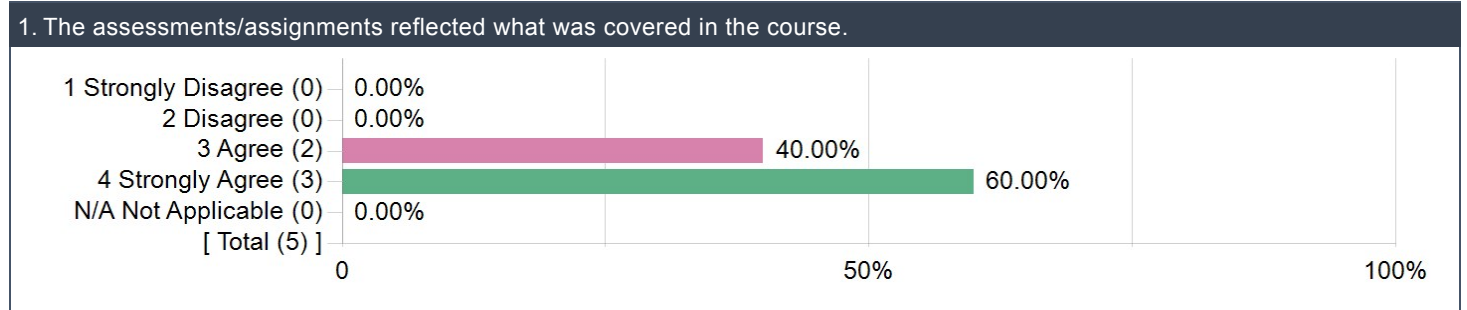
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LEARNING EXPERIENCE SUBSCALE ANALYSIS: ASSESSMENT PRACTICES

ASSESSMENT PRACTICES

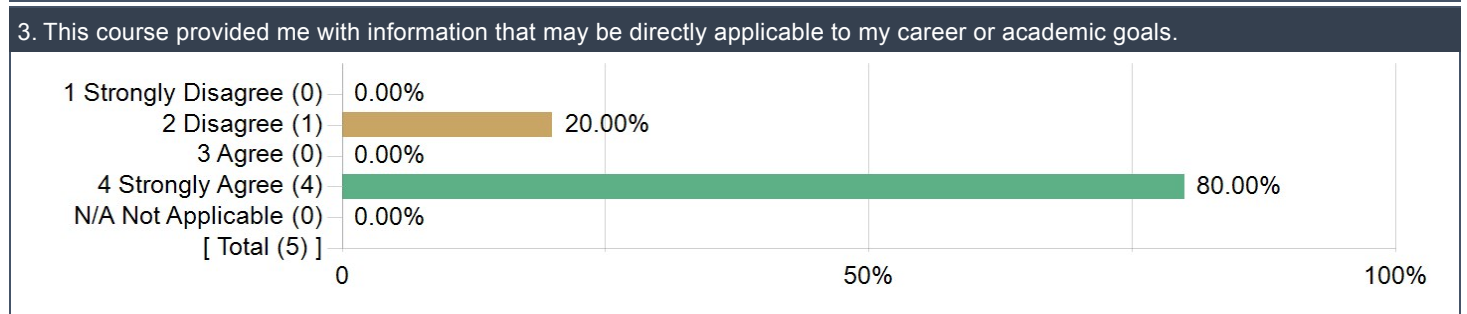
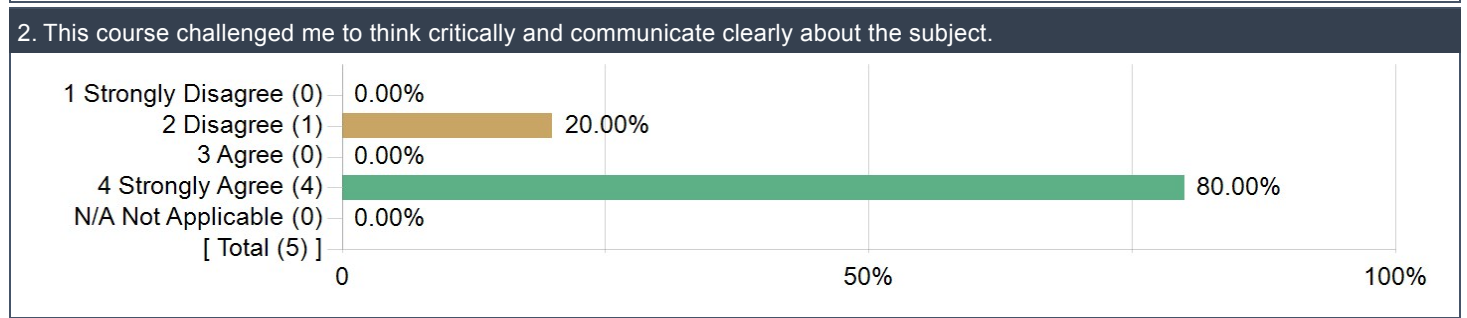
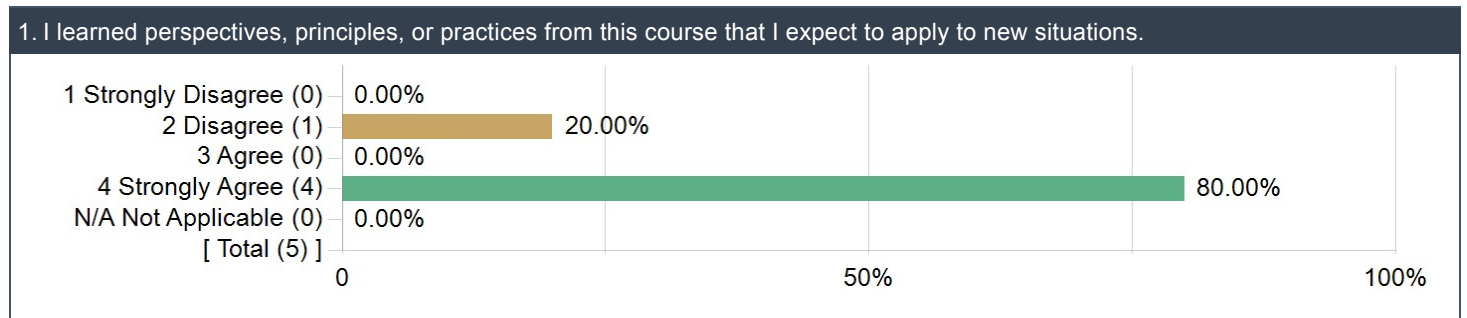
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If you have selected at least a "Strongly Disagree" or "Disagree" option with one of the previous statements on COURSE DESIGN, INSTRUCTIONAL PRACTICES, ASSESSMENT PRACTICES or COURSE IMPACT, please describe a change that would improve that aspect of the course.

Students

The homeworks were extremely difficult and unrelated to the course content.

Is there additional information or feedback that you would like to share with instructor Sergey Lototsky ?

Students

While Professor Lototsky's lectures were at times challenging to wrap my head around, they exposed me to numerous fascinating mathematical topics that I would not have learned otherwise. After attending lectures, I did my own independent research on eigenfunctions, Joukowski airfoils, and Fourier transforms that have given me a much stronger grasp of mathematics as a whole.

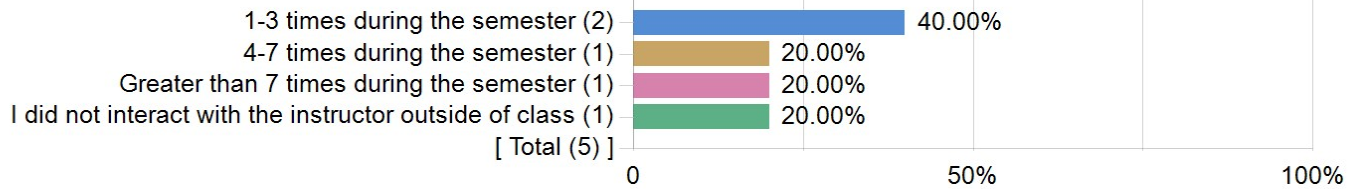
I also liked how homeworks were difficult but exams were pretty straight forward. This arrangement made the class relatively stress-free, as I knew that I did not have to panic before exams. The difficulty of the homeworks, meanwhile, encouraged me to delve deep into fascinating PDE topics that made me lose track of time.

Thank you for making math engaging Professor, I enjoyed coming to class and hearing your jokes too.

STUDENT ENGAGEMENT ANALYSIS

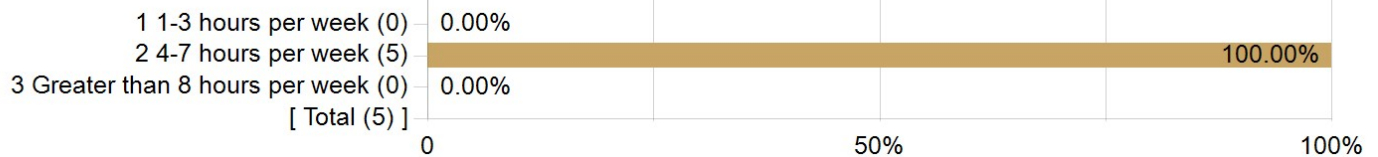
Number of Instructor Interactions Outside of Class

Approximately how many times did you interact with instructor Sergey Lototsky outside of class? (e.g., via email, office hours)

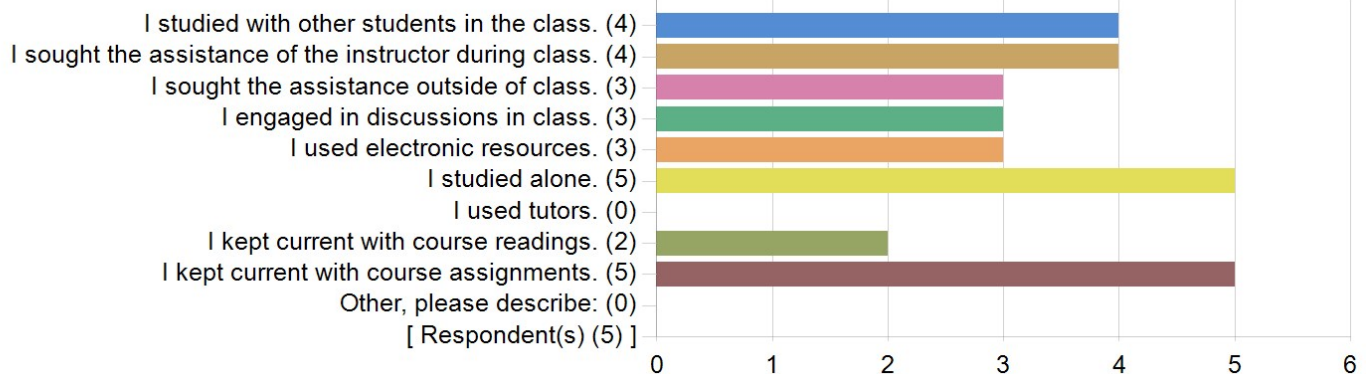


Approximately how many hours did you spend on coursework outside of the classroom?

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In what ways have you participated in your learning for this course? (Please select all that apply.)



Please describe the MOST valuable aspect(s) of this course.

Comments
I got to learn a ton of beautiful mathematics. After taking this class, I am determined to learn more about PDEs.
The exams were easy.

Please describe the LEAST valuable aspect(s) of this course.

Comments
Lectures were a bit hard to follow at times. (However, when I went home and did my own research, I could understand lecture material much better.)
The homeworks were unnecessarily difficult.