

Individual Report for Instructor Lototsky (39665-20221 : MATH-445 Mathematics of Physics and Engineering II (39665))

Project Title: **Learning Experience Evaluations - Spring 2022**

Courses Audience: **24**
Responses Received: **8**
Response Ratio: **33.33%**

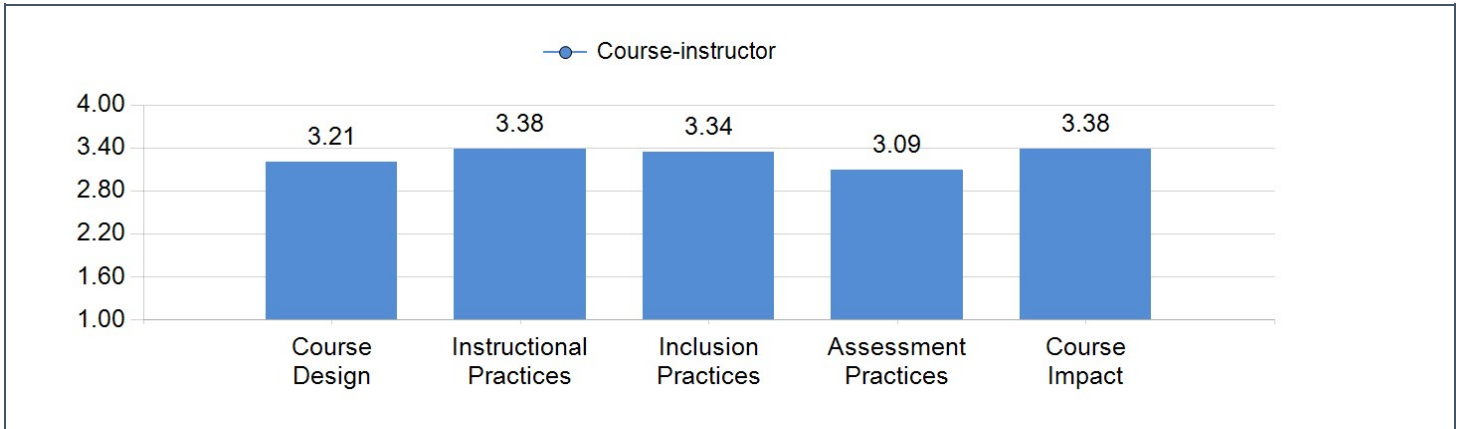
Report Comments

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	3.21	+/-0.83
Instructional Practices	3.38	+/-0.77
Inclusion Practices	3.34	+/-0.67
Assessment Practices	3.09	+/-0.86
Course Impact	3.38	+/-0.77

COURSE DESIGN

	N	Mean	Std. Deviation
The course objectives were well explained.	8	3.00	1.07
The course assignments were related to the course objectives.	8	3.38	0.74
I understood what was expected of me in this course.	8	3.25	0.71

INSTRUCTIONAL PRACTICES

	N	Mean	Std. Deviation
The instructor carefully explained difficult concepts, methods, and subject matter.	8	2.88	0.99
The instructor encouraged me to do my best work.	8	3.63	0.52
The instructor encouraged questioning and discussion of course topics from the students	8	3.63	0.52

INCLUSION PRACTICES

	N	Mean	Std. Deviation
The course materials included diverse perspectives OR applications to diverse populations.	7	3.43	0.53
The instructor used a variety of teaching approaches to meet the needs of all students.	7	2.86	0.90
The instructor was receptive to the expression of diverse student viewpoints	8	3.50	0.53
The instructor demonstrated sensitivity to students' needs and diverse life experiences	7	3.57	0.53

ASSESSMENT PRACTICES

	N	Mean	Std. Deviation
The assessments/assignments reflected what was covered in the course.	8	3.13	0.83
The grades I have received thus far reflect the QUALITY of my performance in the course.	8	3.00	1.07
The criteria for good performance on the assignments or assessments were clearly communicated.	8	3.13	0.83
The instructor's evaluation of my performances was constructive.	8	3.13	0.83

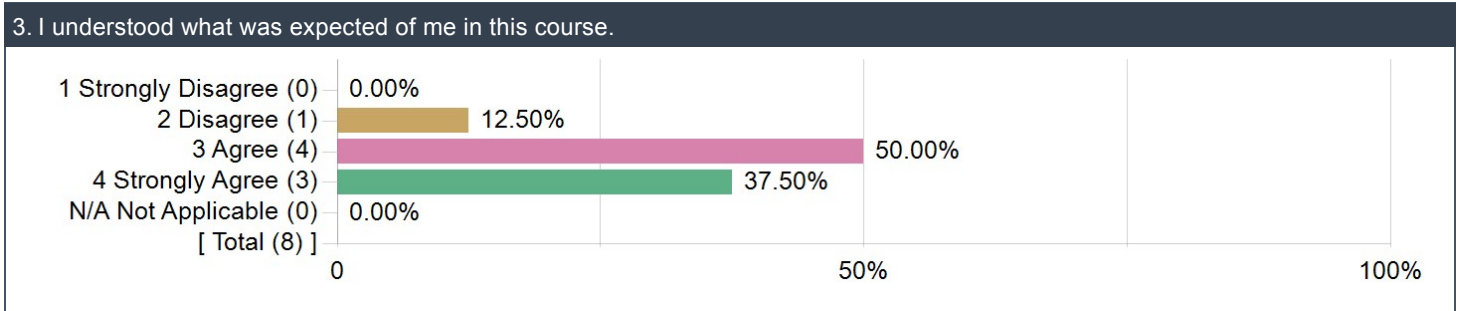
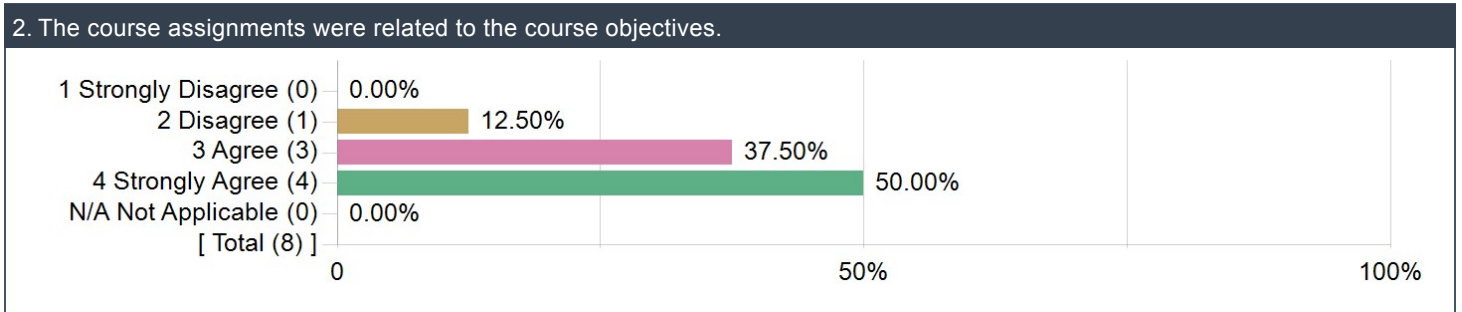
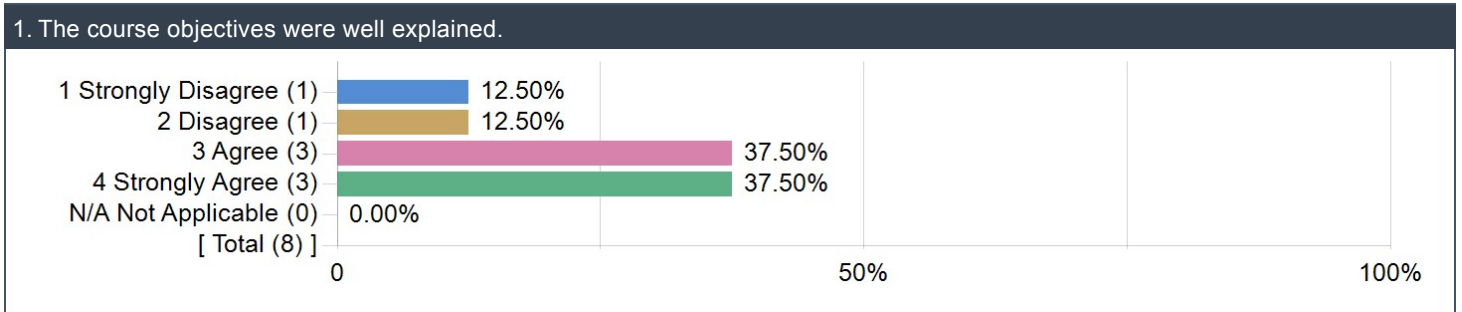
COURSE IMPACT

	N	Mean	Std. Deviation
I learned perspectives, principles, or practices from this course that I expect to apply to new situations.	8	3.25	1.04
This course challenged me to think critically and communicate clearly about the subject.	8	3.38	0.74
This course provided me with information that may be directly applicable to my career or academic goals.	8	3.50	0.53

LEARNING EXPERIENCE SUBSCALE ANALYSIS: COURSE DESIGN

COURSE DESIGN

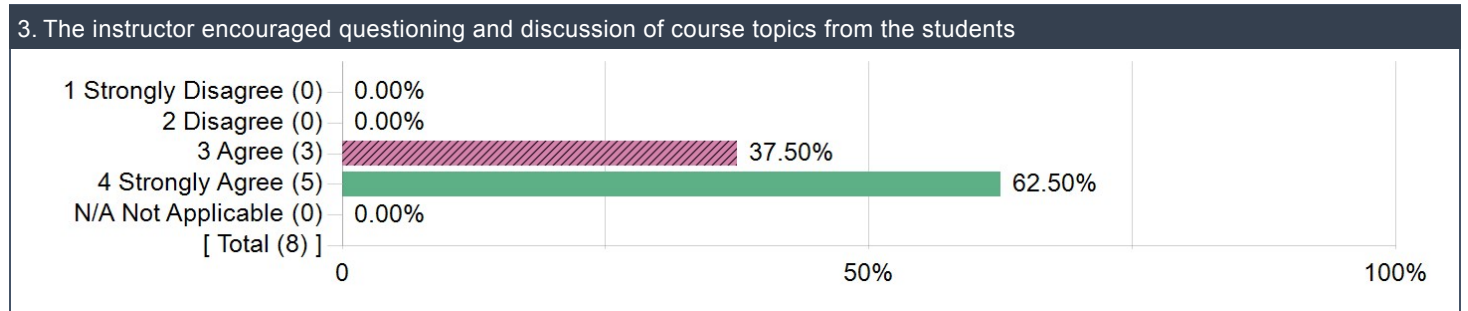
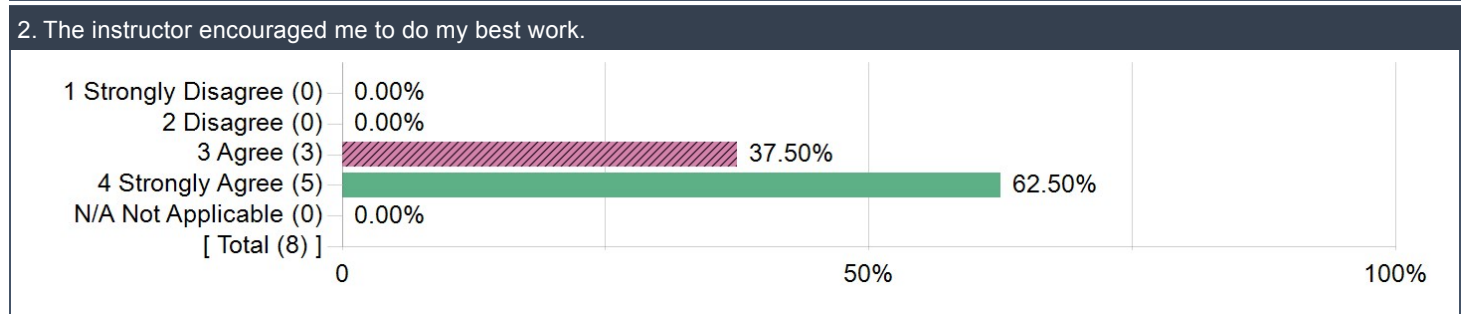
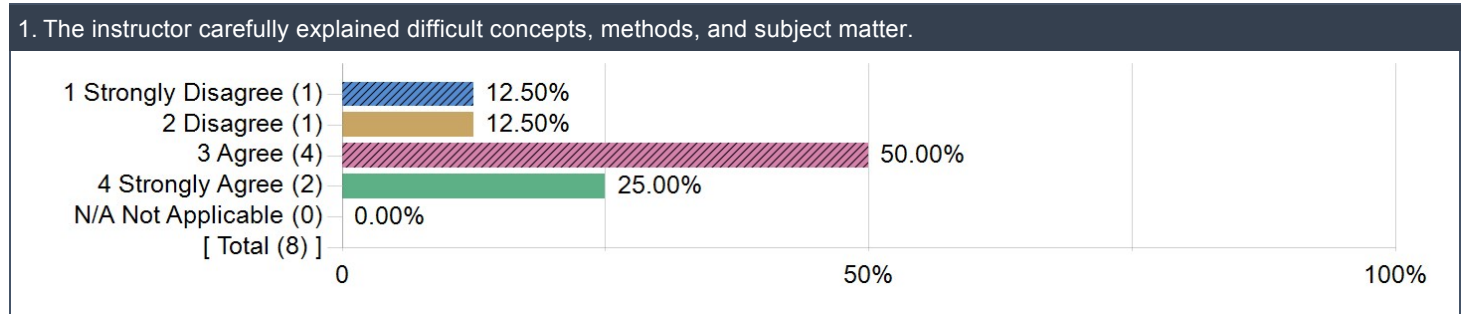
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LEARNING EXPERIENCE SUBSCALE ANALYSIS: INSTRUCTIONAL PRACTICES

INSTRUCTIONAL PRACTICES

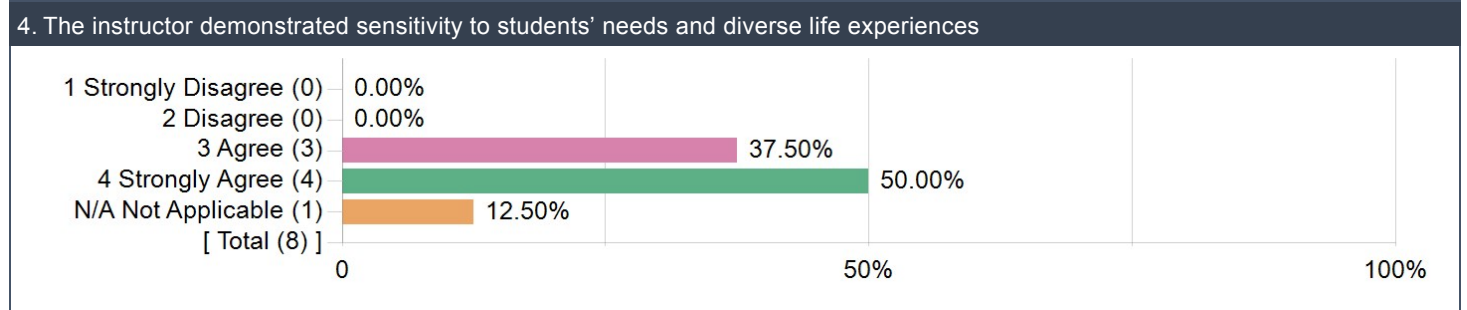
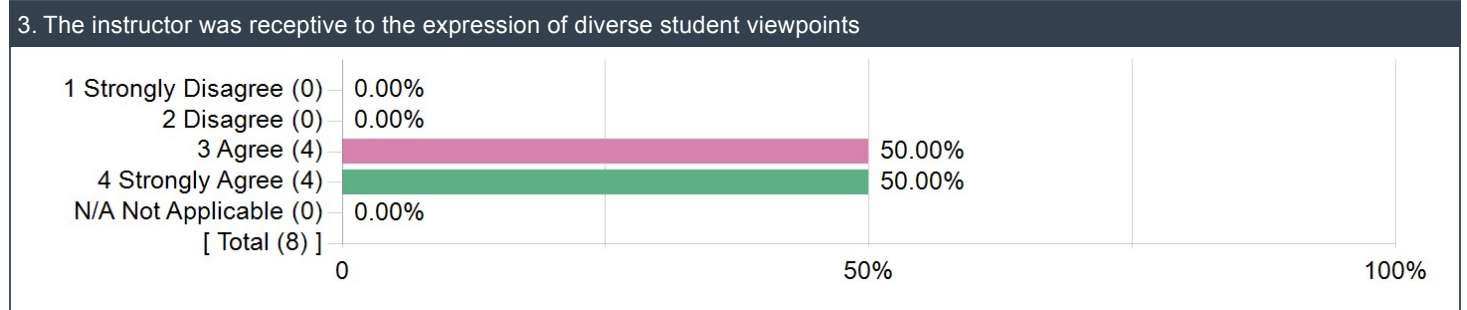
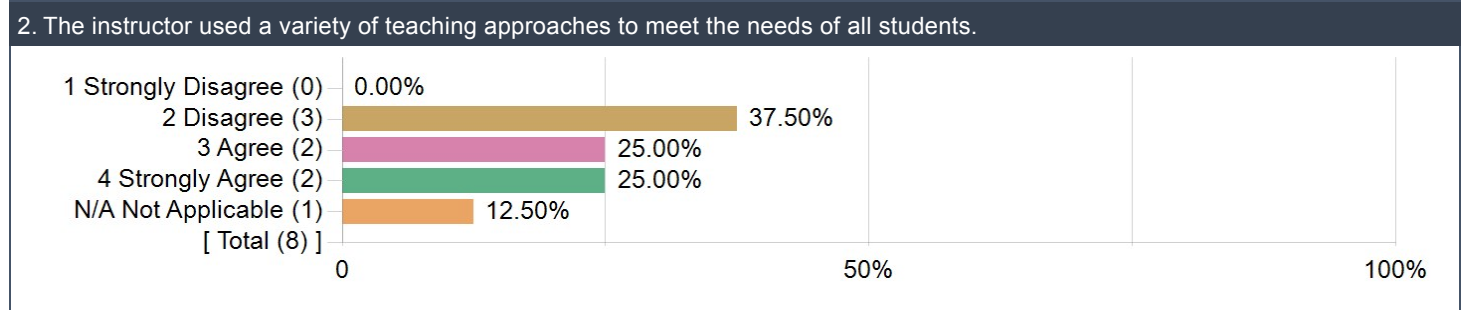
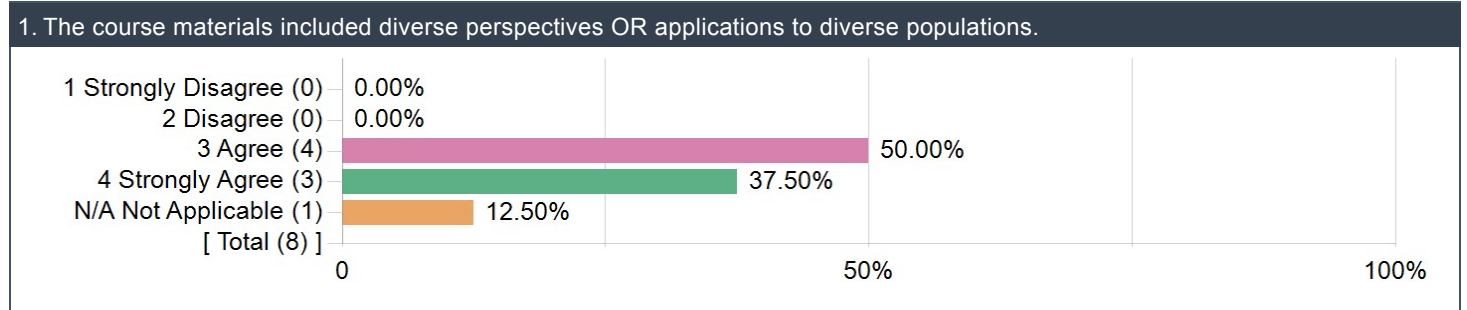
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LEARNING EXPERIENCE SUBSCALE ANALYSIS: INCLUSION PRACTICES

INCLUSION PRACTICES

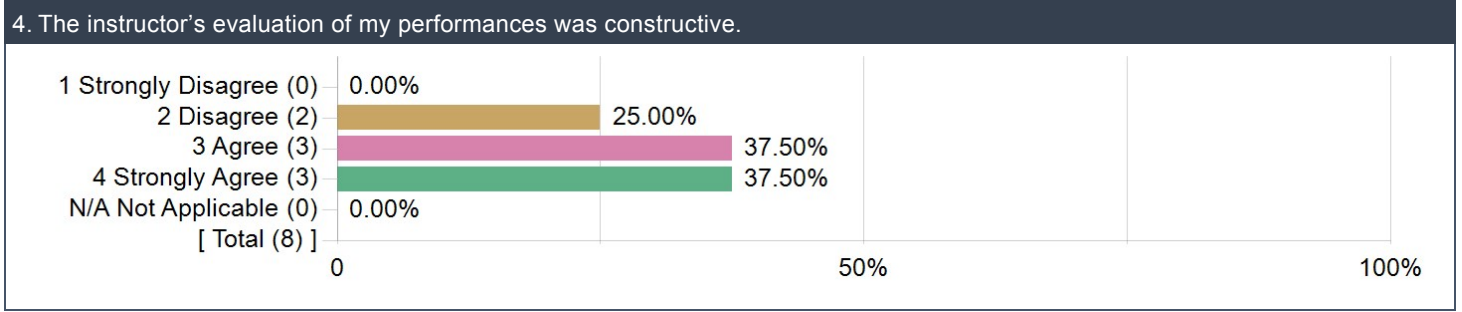
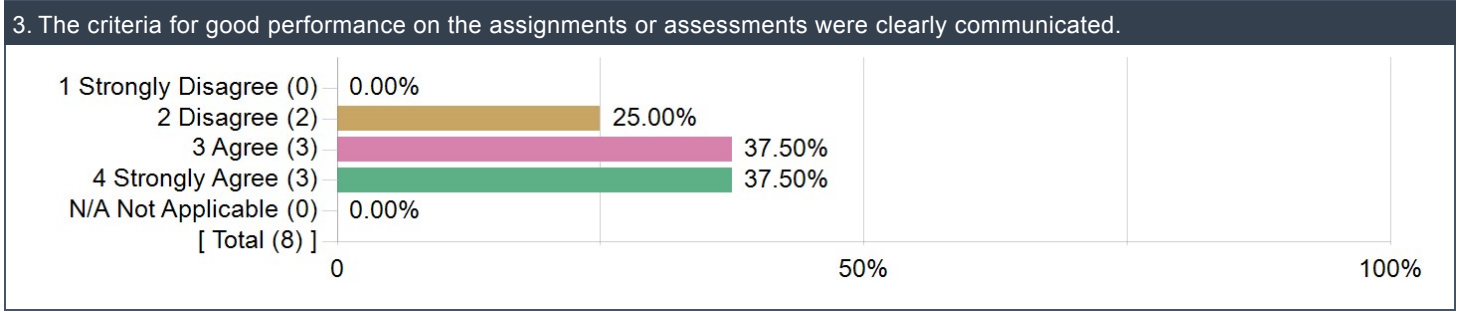
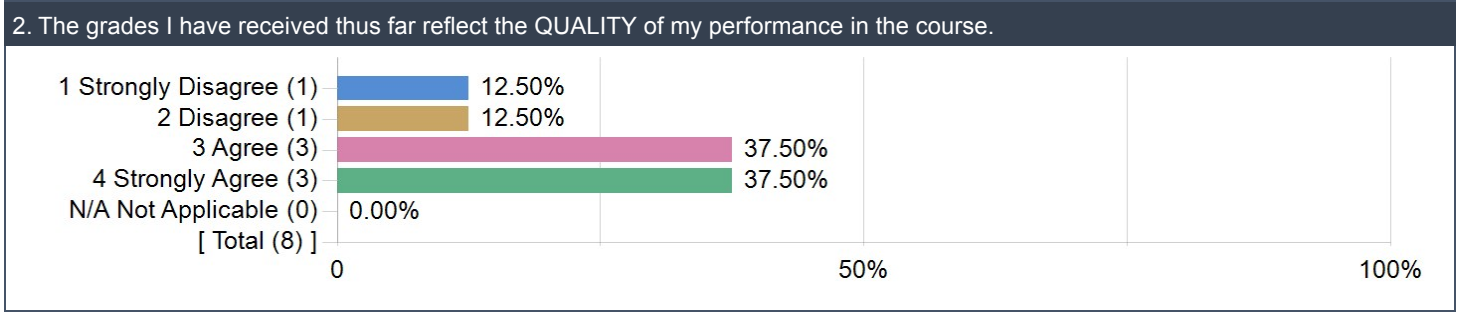
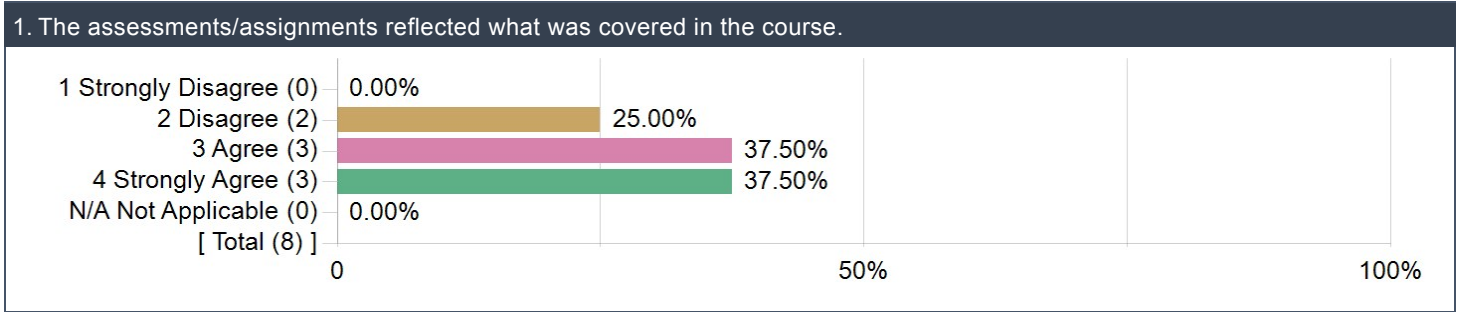
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LEARNING EXPERIENCE SUBSCALE ANALYSIS: ASSESSMENT PRACTICES

ASSESSMENT PRACTICES

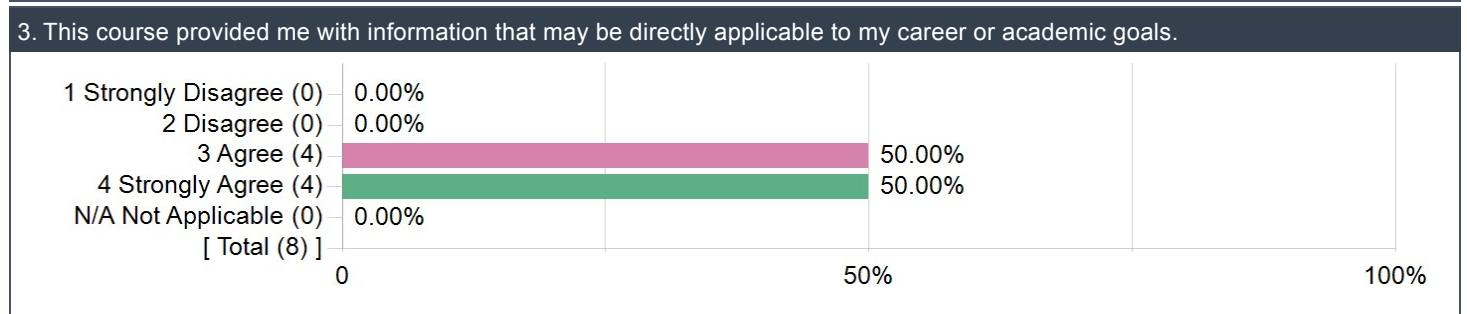
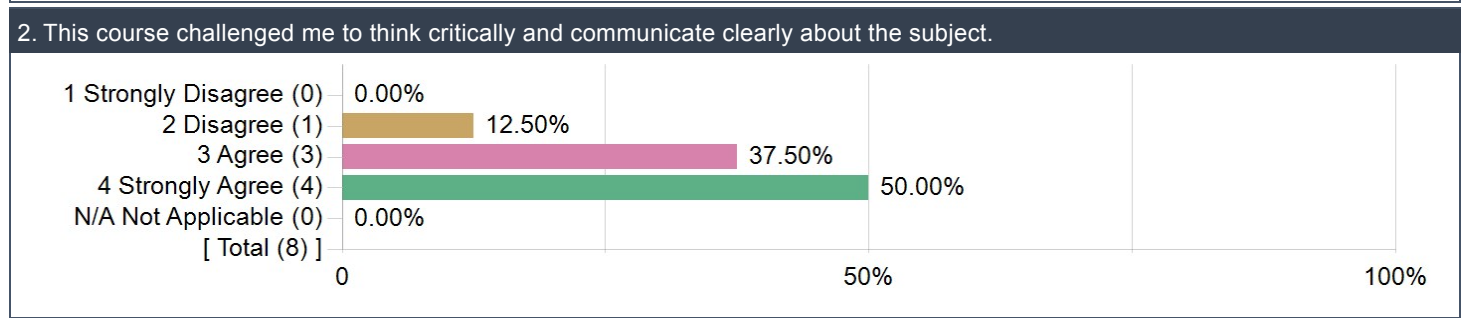
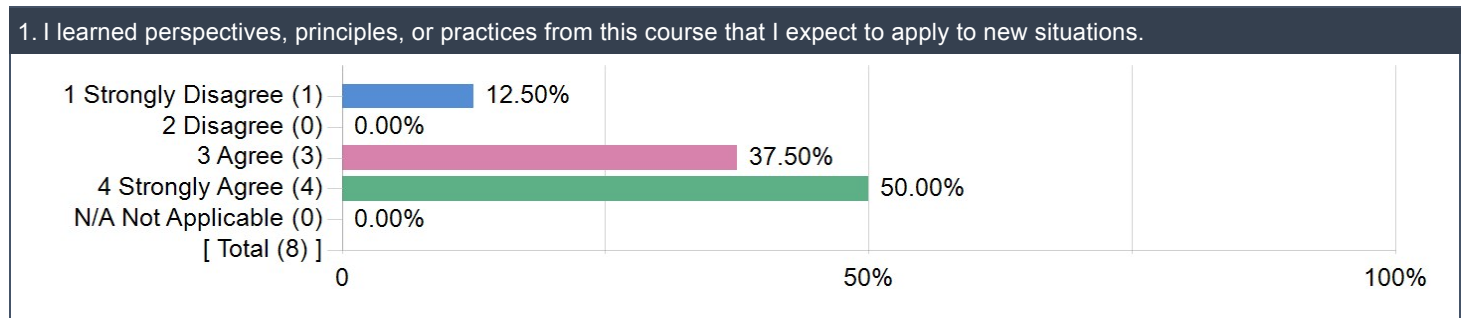
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If you have selected at least a "Strongly Disagree" or "Disagree" option with one of the previous statements on COURSE DESIGN, INSTRUCTIONAL PRACTICES, ASSESSMENT PRACTICES or COURSE IMPACT, please describe a change that would improve that aspect of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

Students

The quizzes and homeworks were a far cry from what was covered in lecture or discussion. Expectations were not entirely clear and this course was a source of a lot of added stress due to the consistent demand of work that was not even constructive in building understanding of the material.

In particular, more in class problem solving may have helped different types of learners, rather than just covering more abstract ideas.

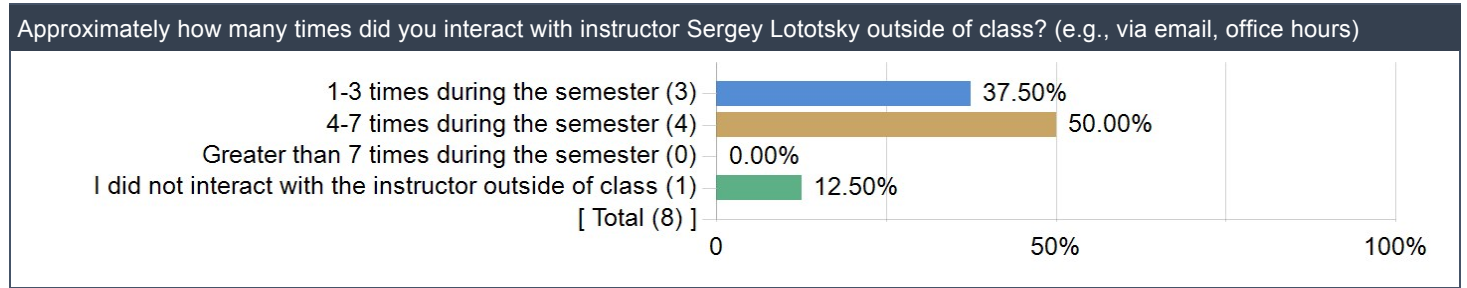
professor Lototsky is a nice person, but his lectures are extremely scattered and difficult to understand. He does not follow a text book and has limited resources to review.

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

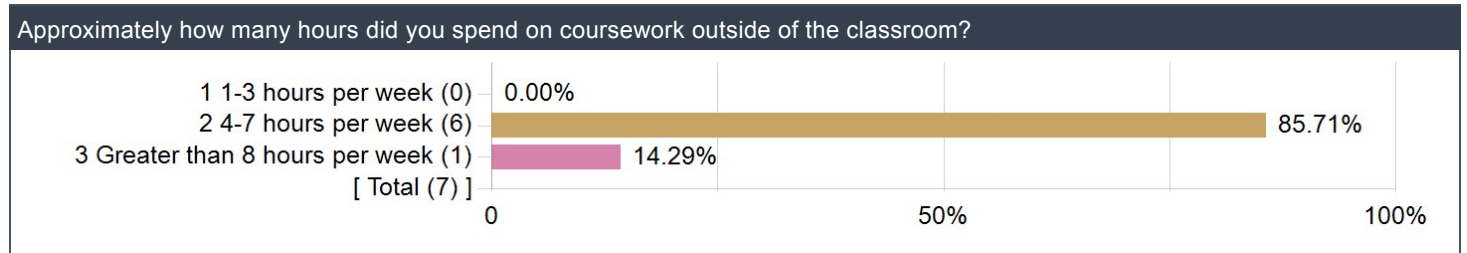
Students
Some projects, quizzes, and assignments made it a little bit discouraging to fully throw myself into the subject matter.
I really appreciated all your jokes! In all seriousness, the lectures you gave were really eye-opening to broader fields of science. I think that for many of us, your goal to inspire us to take more math classes was accomplished.
I think some of the context of formulas was lost on me. Would be good to take longer explaining the logic of formulas as opposed to just proofs of how they're arrived at.
A very patient and nice professor

STUDENT ENGAGEMENT ANALYSIS

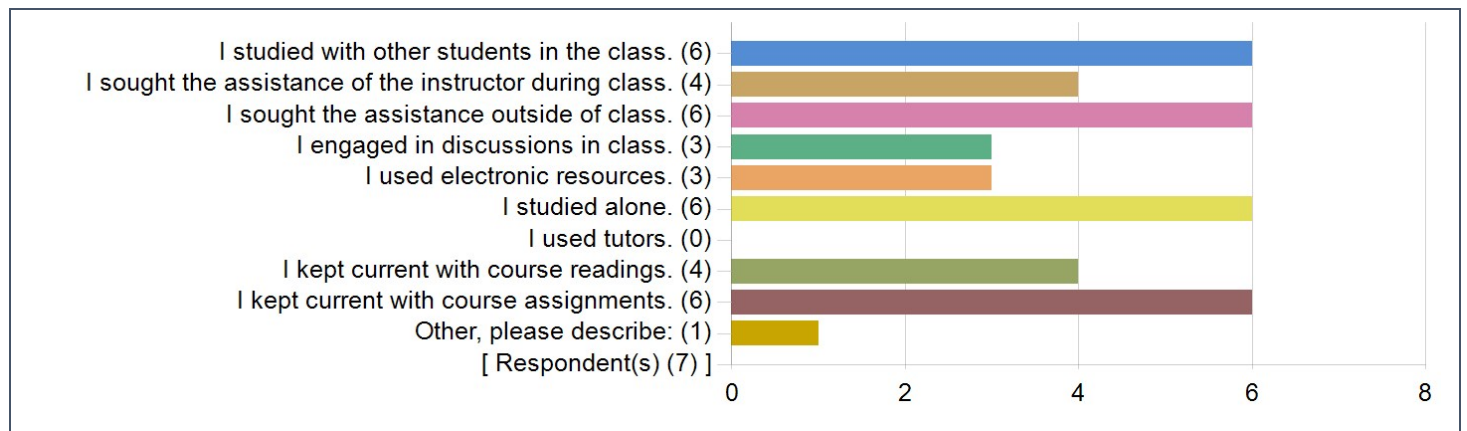
Number of Instructor Interactions Outside of Class



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



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 liked the examples and the content covered on midterms was clearly communicated.
Introduces really valuable methods to solving PDEs and encourages the use of computer programming to understand how certain systems behave.

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

Comments
The assignments simply need to be more thought out. Some of them I had no basis to start.
Solving ODEs with summation notation.