

Individual Report for Instructor Lototsky (39673-20243 : MATH-445 Mathematics of Physics and Engineering II (39673))

Project Title: **USC Learning Experience Evaluations - Fall 2024**

Courses Audience: **25**

Responses Received: **7**

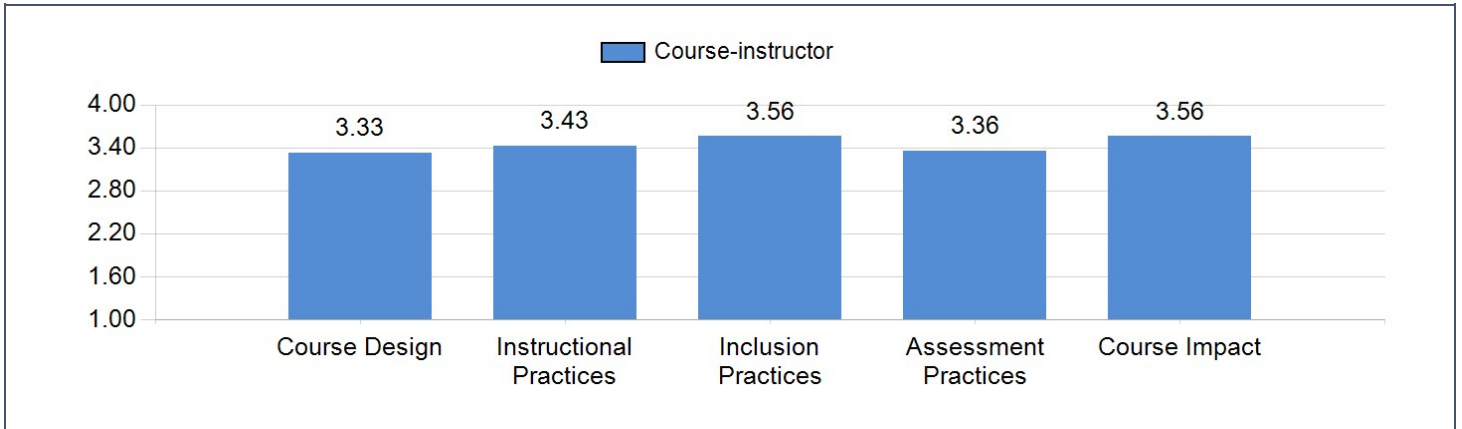
Response Ratio: **28.00%**

Report Comments

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LEARNING EXPERIENCE SUBSCALE ANALYSIS

Learning Experience Subscale Average Score



Competency	Course-instructor	Standard Deviation
Course Design	3.33	+/-0.86
Instructional Practices	3.43	+/-0.60
Inclusion Practices	3.56	+/-0.60
Assessment Practices	3.36	+/-0.73
Course Impact	3.56	+/-0.51

COURSE DESIGN

	N	Mean	Std. Deviation
The course objectives were well explained.	7	3.43	0.79
The course assignments were related to the course objectives.	7	3.43	0.79
I understood what was expected of me in this course.	7	3.14	1.07

INSTRUCTIONAL PRACTICES

	N	Mean	Std. Deviation
The instructor carefully explained difficult concepts, methods, and subject matter.	7	3.43	0.79
The instructor encouraged me to do my best work.	7	3.43	0.53
The instructor encouraged questioning and discussion of course topics from the students	7	3.43	0.53

INCLUSION PRACTICES

	N	Mean	Std. Deviation
The course materials included diverse perspectives OR applications to diverse populations.	5	3.60	0.55
The instructor used a variety of teaching approaches to meet the needs of all students.	7	3.43	0.79
The instructor was receptive to the expression of diverse student viewpoints	5	3.60	0.55
The instructor demonstrated sensitivity to students' needs and diverse life experiences	5	3.60	0.55

ASSESSMENT PRACTICES

	N	Mean	Std. Deviation
The assessments/assignments reflected what was covered in the course.	7	3.29	1.11
The grades I have received thus far reflect the QUALITY of my performance in the course.	7	3.29	0.49
The criteria for good performance on the assignments or assessments were clearly communicated.	7	3.57	0.53
The instructor's evaluation of my performances was constructive.	7	3.29	0.76

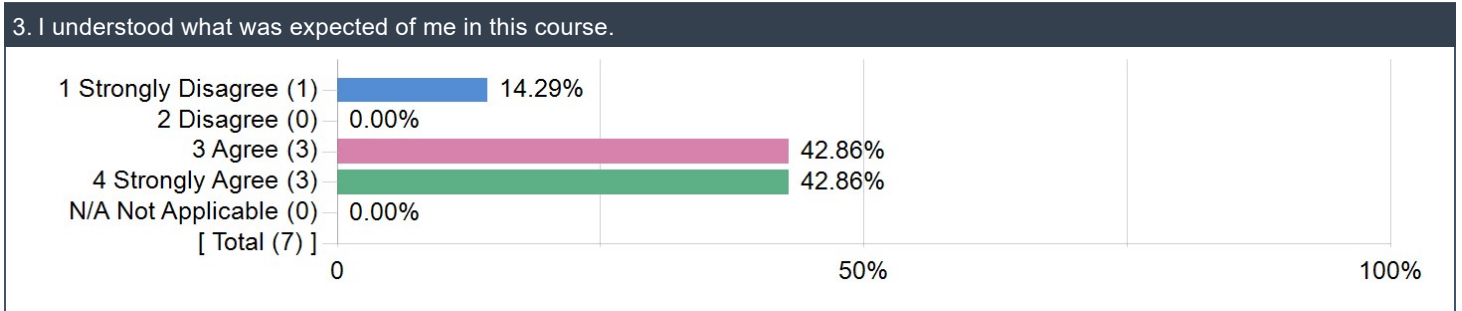
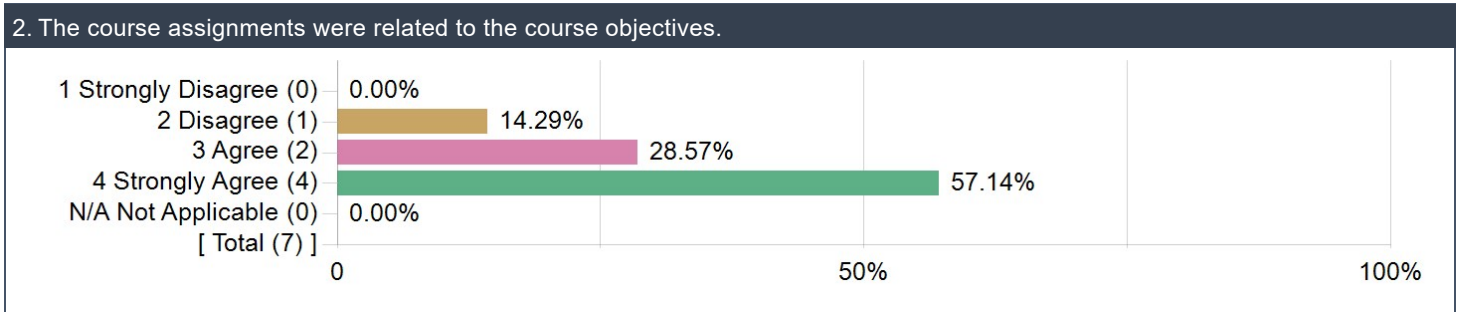
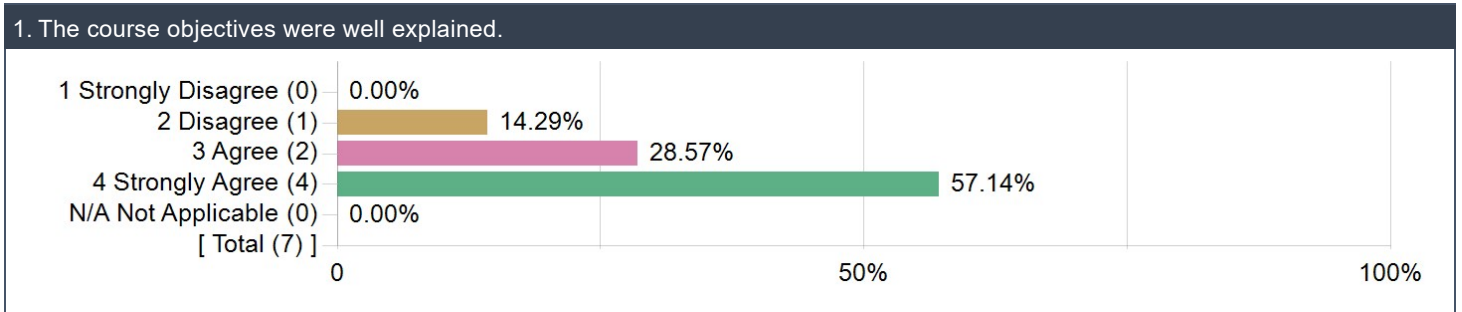
COURSE IMPACT

	N	Mean	Std. Deviation
I learned perspectives, principles, or practices from this course that I expect to apply to new situations.	6	3.50	0.55
This course challenged me to think critically and communicate clearly about the subject.	6	3.67	0.52
This course provided me with information that may be directly applicable to my career or academic goals.	6	3.50	0.55

LEARNING EXPERIENCE SUBSCALE ANALYSIS: COURSE DESIGN

COURSE DESIGN

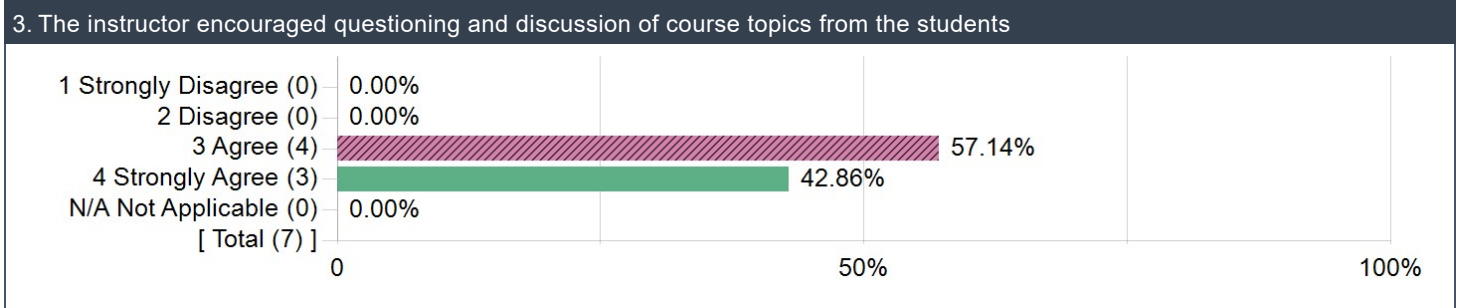
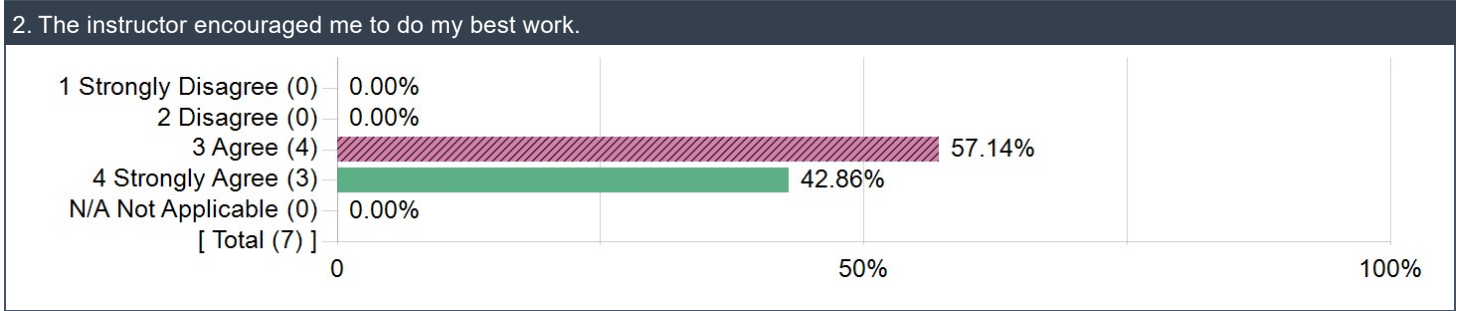
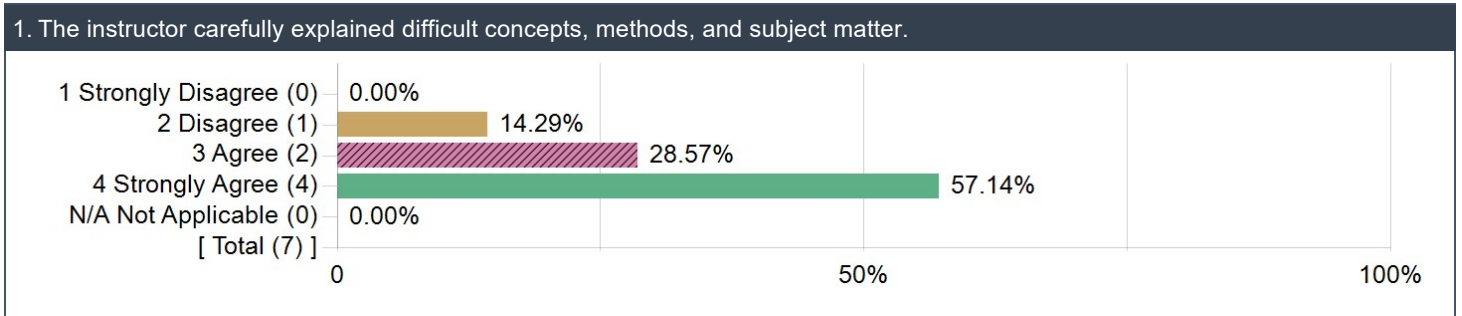
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LEARNING EXPERIENCE SUBSCALE ANALYSIS: INSTRUCTIONAL PRACTICES

INSTRUCTIONAL PRACTICES

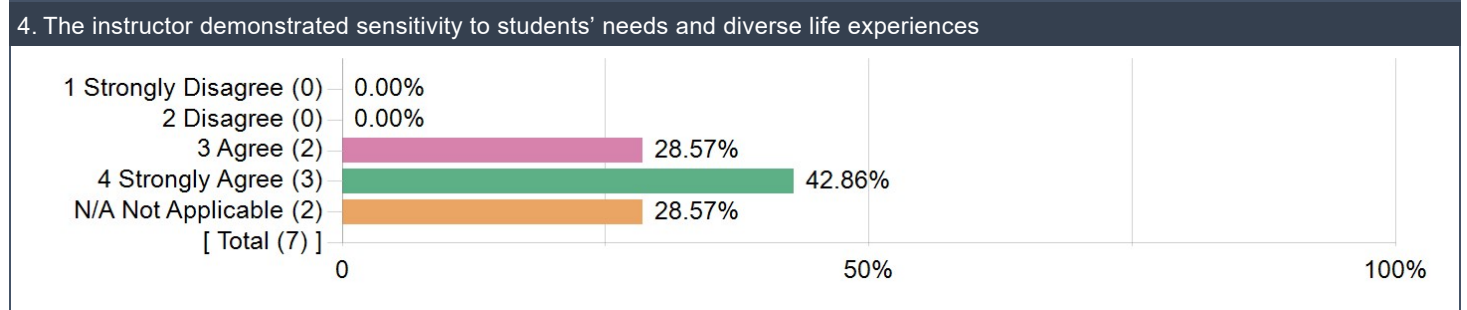
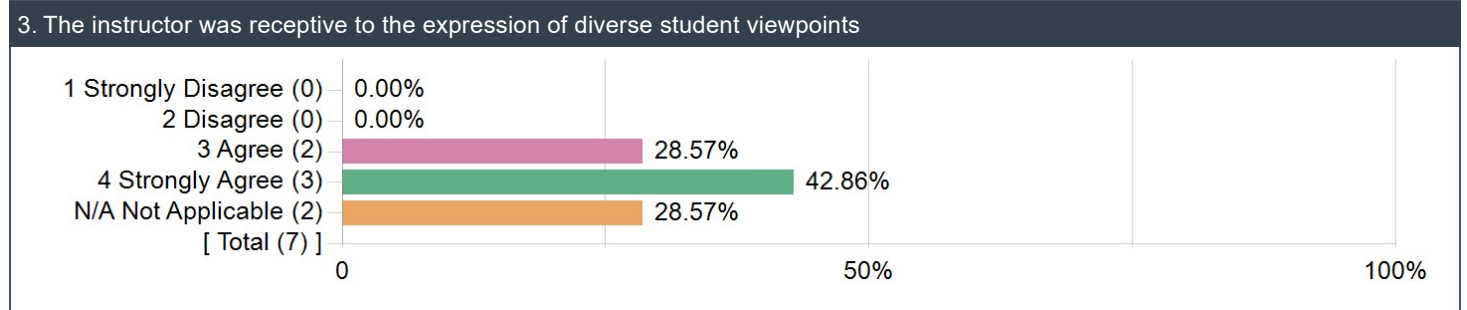
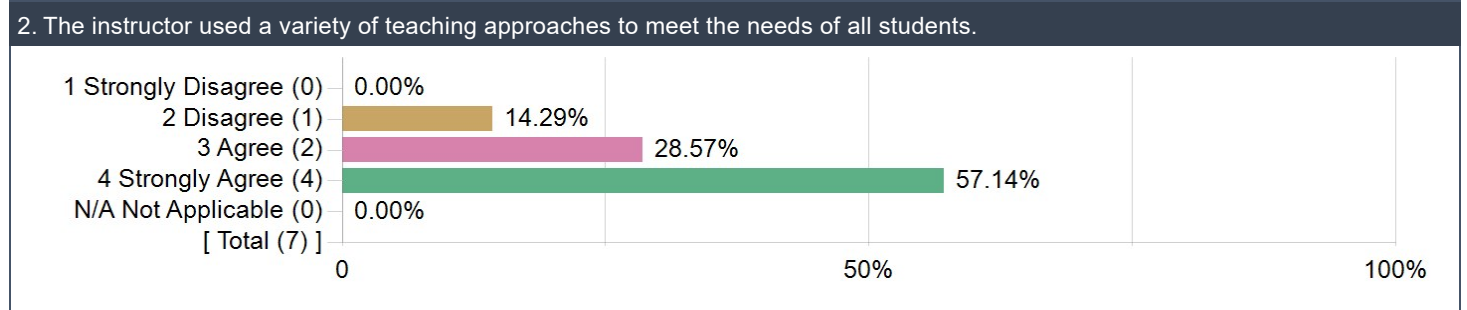
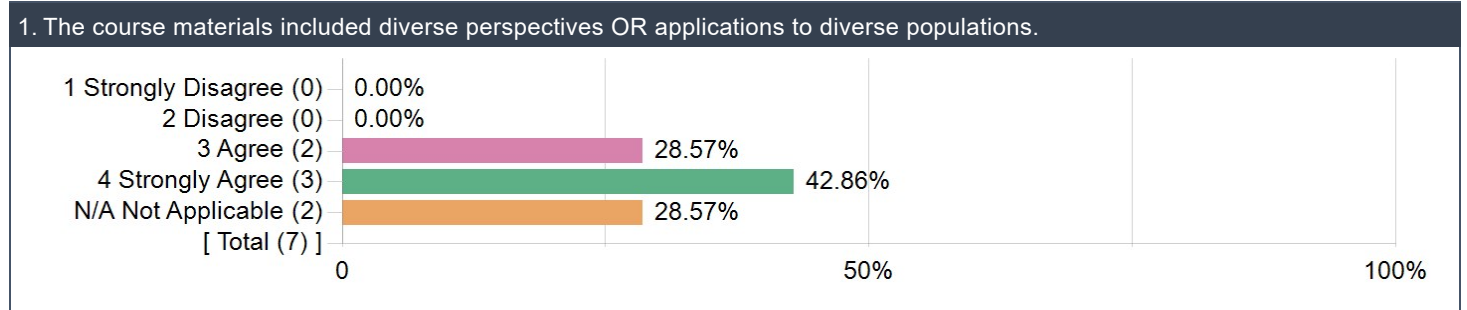
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LEARNING EXPERIENCE SUBSCALE ANALYSIS: INCLUSION PRACTICES

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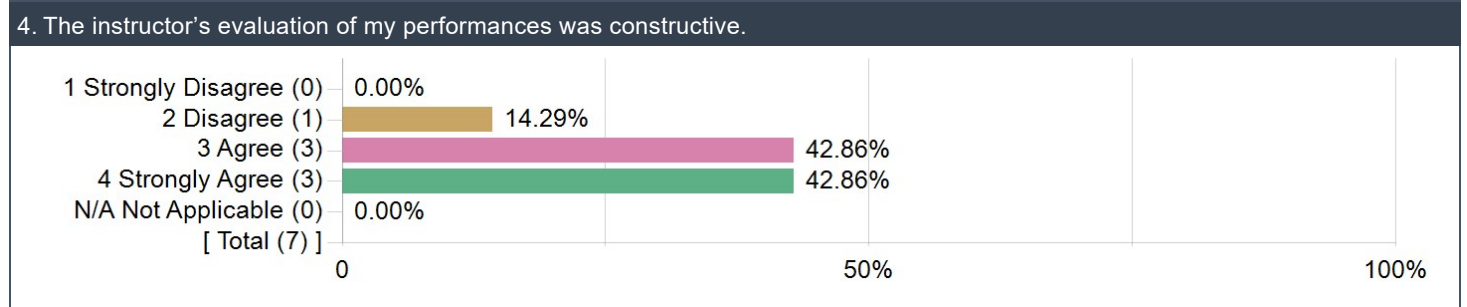
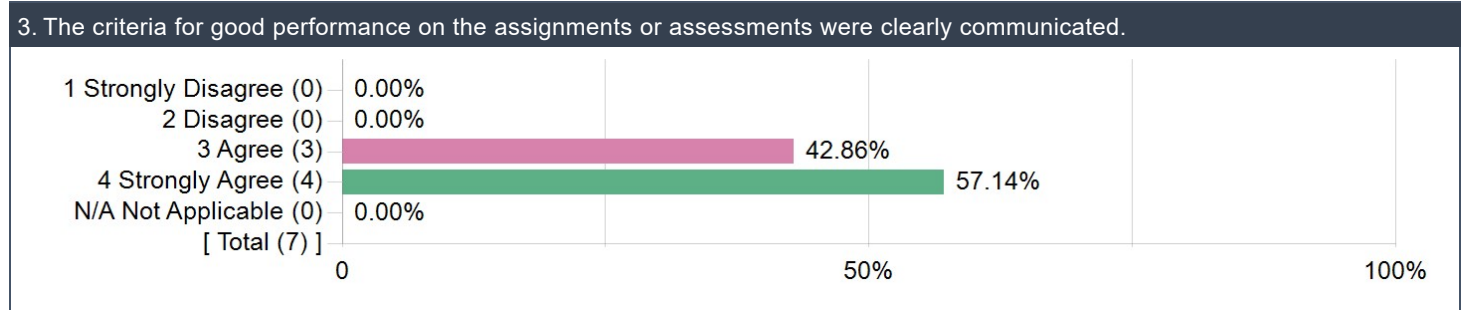
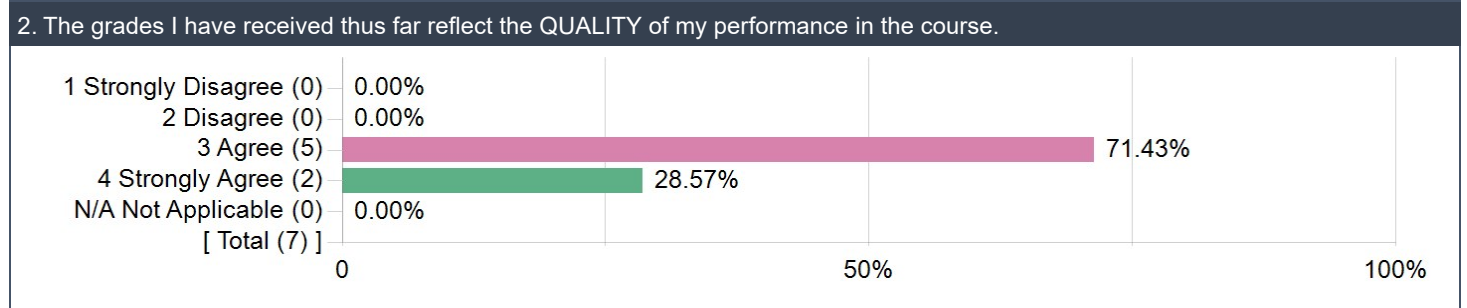
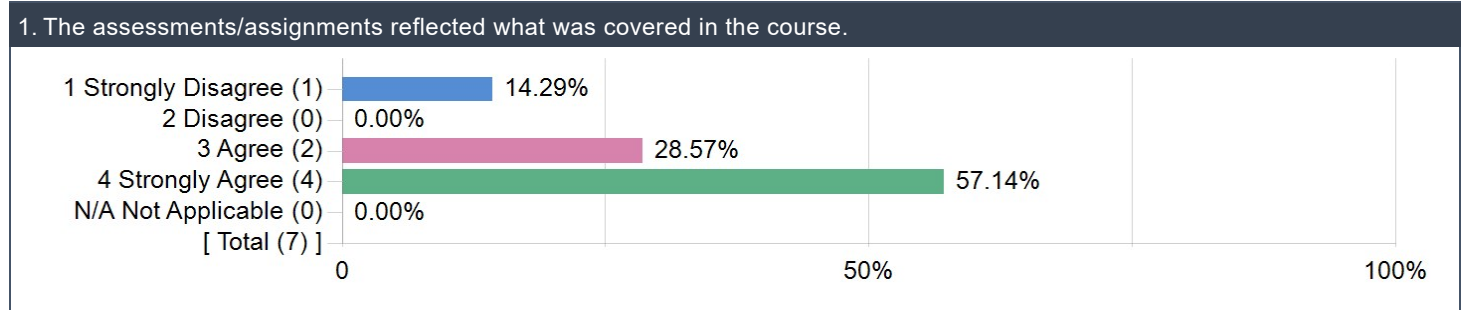
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LEARNING EXPERIENCE SUBSCALE ANALYSIS: ASSESSMENT PRACTICES

ASSESSMENT PRACTICES

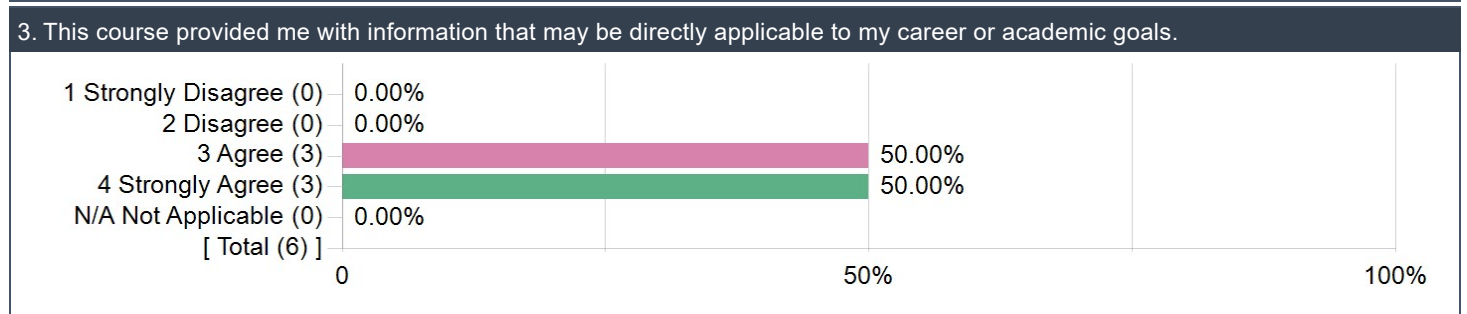
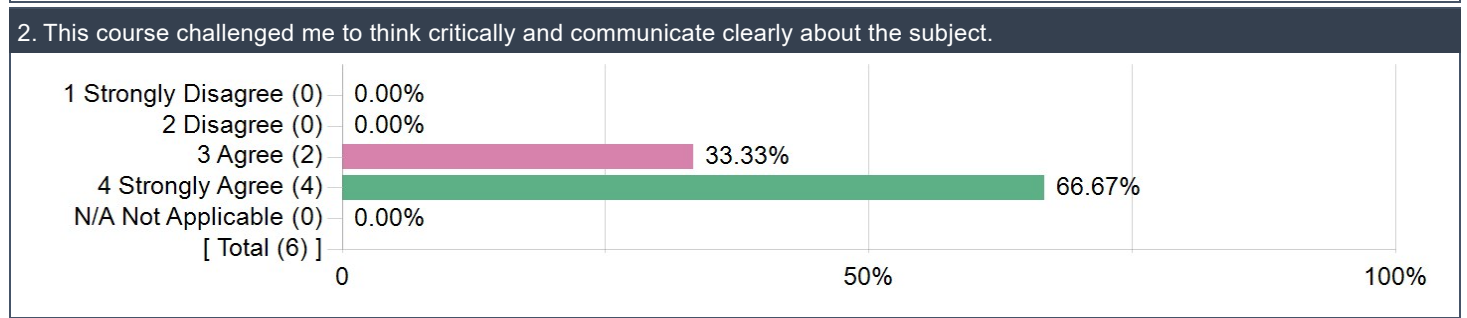
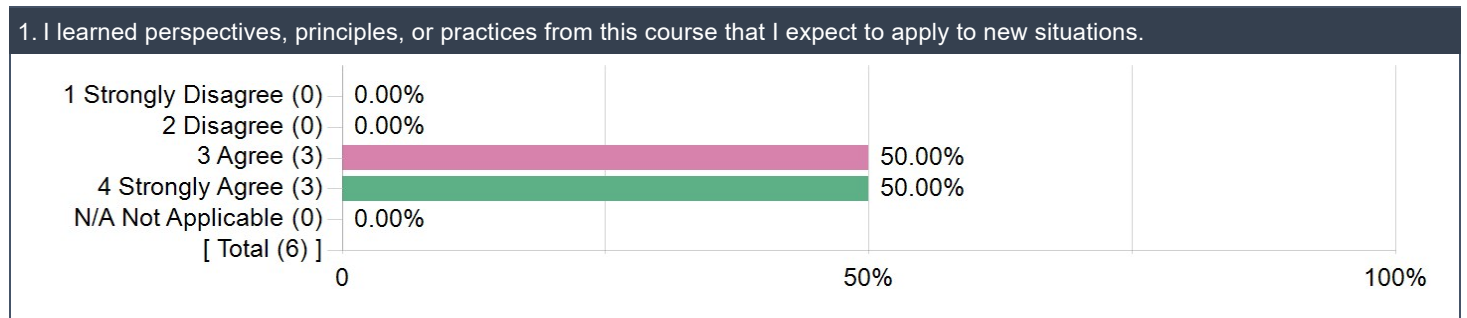
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If you have selected at least a "Strongly Disagree" or "Disagree" option with one of the previous statements on COURSE DESIGN, INSTRUCTIONAL PRACTICES, ASSESSMENT PRACTICES or COURSE IMPACT, please describe a change that would improve that aspect of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

Students

The expectation of the class is not communicated well. The lecture materials are often unrelated to assignments or assessments. While the instructor tries to cover a wide range of relevant and insightful topics, few were covered in depth in an elucidating manner, resulting in students having to conduct most learning outside of class and prepare for assessments for the sake of assessments.

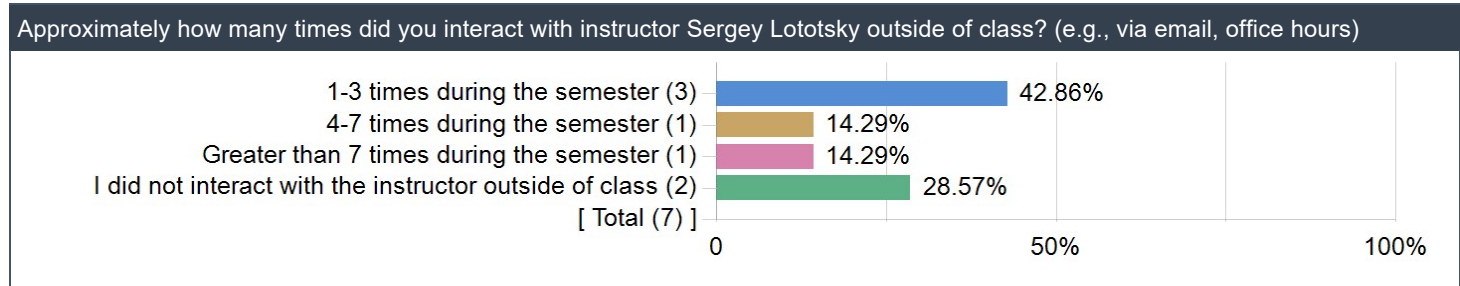
Is there additional information or feedback that you would like to share with instructor Sergey Lototsky ?

Students

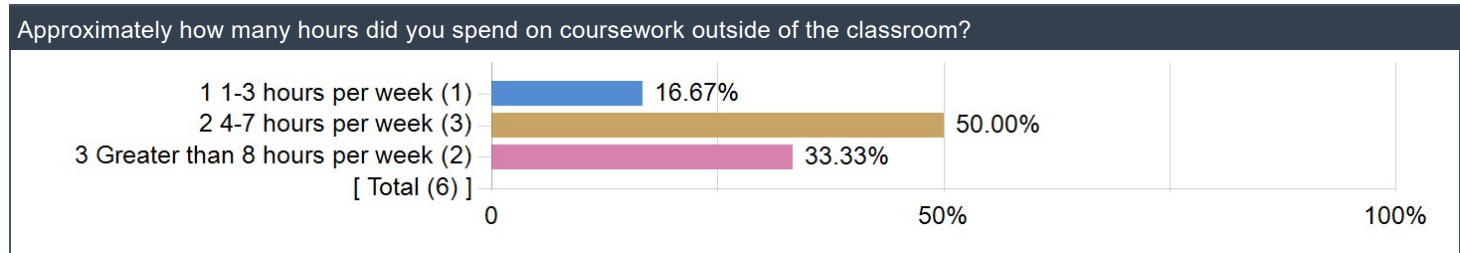
I enjoyed learning about the application of the math we were learning after we had covered the content for the semester. It helps me remember the math itself when I have something to relate it to. It also just makes it more enjoyable to both learn and talk about.

STUDENT ENGAGEMENT ANALYSIS

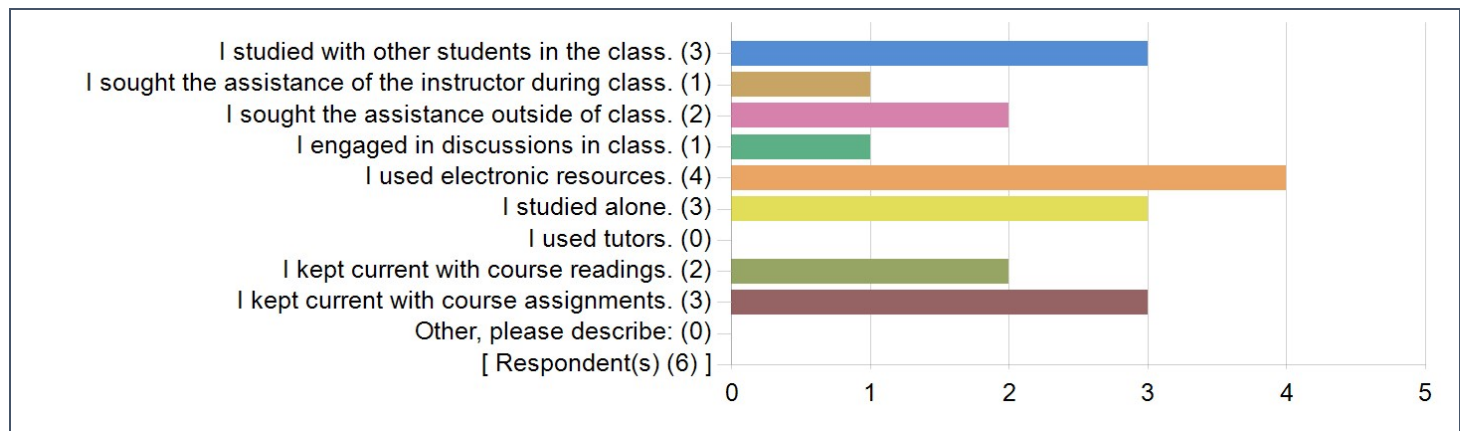
Number of Instructor Interactions Outside of Class



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
Learning about Fourier series and transforms. Also, reviewing calc 3 was extremely helpful not only for this class but for my physics classes as well.
Nothing

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

Comments
I would say the proofs. I understand why we are taught them, but doing them for quizzes when we didn't for exams themselves was a little confusing.
Everything
The course glosses over a wide range of topics while allowing the students to master very little. I believe it is possible for the same materials to be covered in the same timeframe but with more clarity and expectations that match the rigor of the topics. The students in this class are not afraid of committing more efforts to the materials, but it is difficult when students don't know in what directions they should work hard.