Individual Report Spring 2025 for MATH 5900 100 - Special Topics in Mathematics (Martin Mohlenkamp)

Project Title: **Course Evaluation Spring 2025**

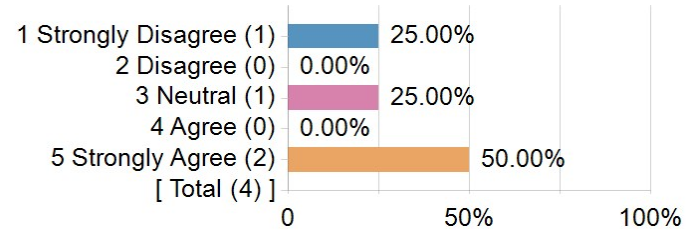
Course Audience: **8**
Responses Received: **4**
Response Ratio: **50.0%**

Prepared by: **Joseph Scowden**
Creation Date: **Wednesday, May 7, 2025**

Instructor Evaluation: Martin Mohlenkamp

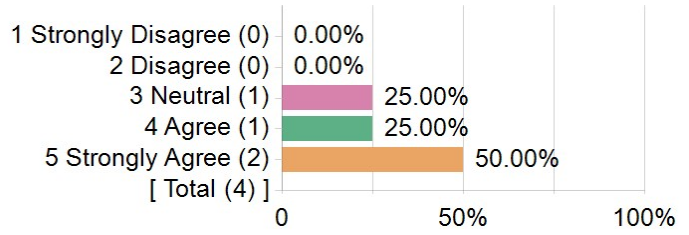
Competency Statistics	Value
Mean	4.07
Median	5.00
Mode	5
Standard Deviation	1.27
Standard Error (base on SD)	0.24
Population Standard Deviation	1.25
Standard Error (base on PSD)	0.24

1. Instructor created an environment that was conducive to learning.



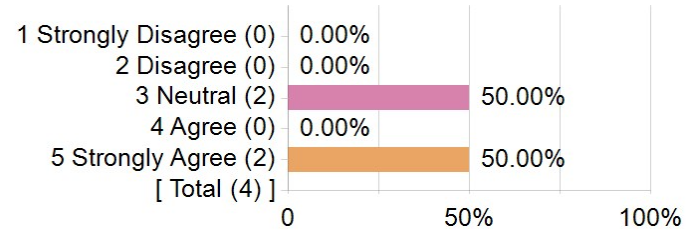
Statistics	Value
Response Count	4
Mean	3.50
Median	4.00
Mode	5
Standard Deviation	1.91
Population Standard Deviation	1.66
Standard Error (base on SD)	0.96
Standard Error (base on PSD)	0.83

2. Instructor gave clear explanations.



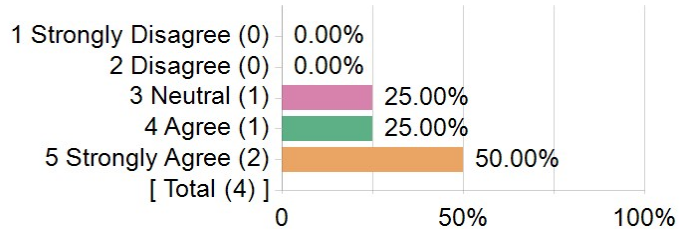
Statistics	Value
Response Count	4
Mean	4.25
Median	4.50
Mode	5
Standard Deviation	0.96
Population Standard Deviation	0.83
Standard Error (base on SD)	0.48
Standard Error (base on PSD)	0.41

3. Instructor used helpful examples and illustrations.



Statistics	Value
Response Count	4
Mean	4.00
Median	4.00
Mode	3, 5
Standard Deviation	1.15
Population Standard Deviation	1.00
Standard Error (base on SD)	0.58
Standard Error (base on PSD)	0.50

4. Instructor consistently followed grading criteria.



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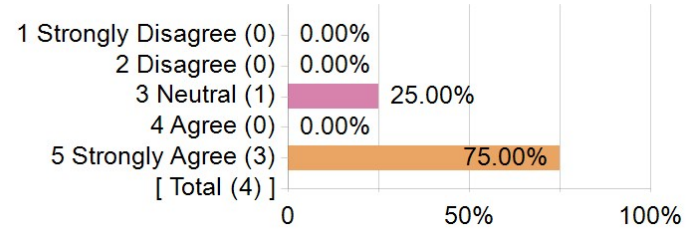
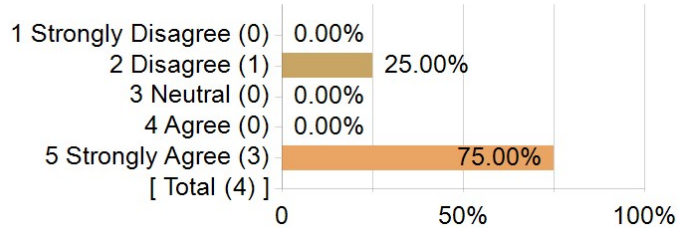
Response Count	4
Mean	4.25
Median	4.50
Mode	5
Standard Deviation	0.96
Population Standard Deviation	0.83
Standard Error (base on SD)	0.48
Standard Error (base on PSD)	0.41

5. Instructor provided useful feedback.



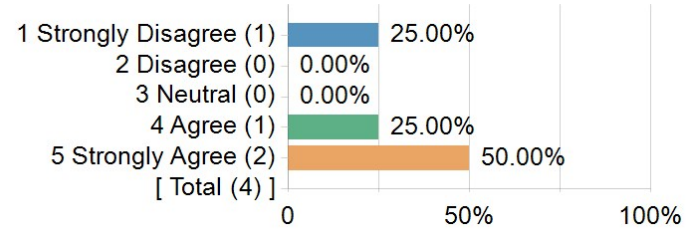
Statistics	Value
Response Count	4
Mean	4.50
Median	5.00
Mode	5
Standard Deviation	1.00
Population Standard Deviation	0.87
Standard Error (base on SD)	0.50
Standard Error (base on PSD)	0.43

6. Instructor provided timely feedback.



Statistics	Value
Response Count	4
Mean	4.25
Median	5.00
Mode	5
Standard Deviation	1.50
Population Standard Deviation	1.30
Standard Error (base on SD)	0.75
Standard Error (base on PSD)	0.65

7. Instructor was available for assistance outside of class.

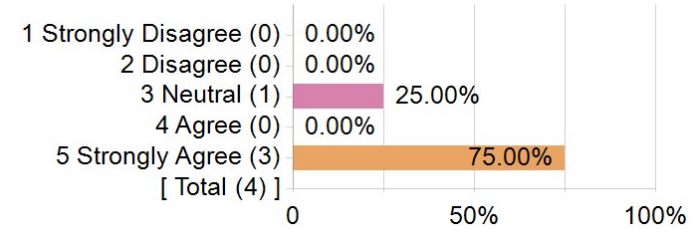


Statistics	Value
Response Count	4
Mean	3.75
Median	4.50
Mode	5
Standard Deviation	1.89
Population Standard Deviation	1.64
Standard Error (base on SD)	0.95
Standard Error (base on PSD)	0.82

Course Evaluation:

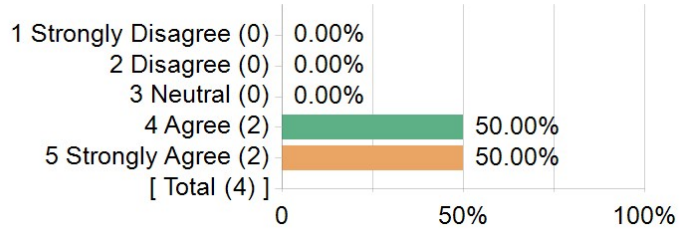
Competency Statistics	Value
Mean	4.40
Median	5.00
Mode	5
Standard Deviation	0.75
Standard Error (base on SD)	0.17
Population Standard Deviation	0.73
Standard Error (base on PSD)	0.16

1. Outside class activities (readings, assignments, homework, problem sets, etc.) helped me to understand the subject.



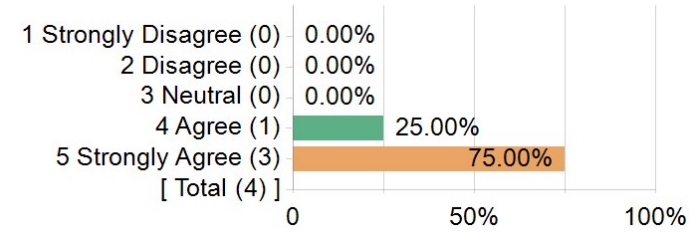
Statistics	Value
Response Count	4
Mean	4.50
Median	5.00
Mode	5
Standard Deviation	1.00
Population Standard Deviation	0.87
Standard Error (base on SD)	0.50
Standard Error (base on PSD)	0.43

2. In-class activities (lecture, discussion, handouts, group-work, etc.) contributed to my understanding of the subject.



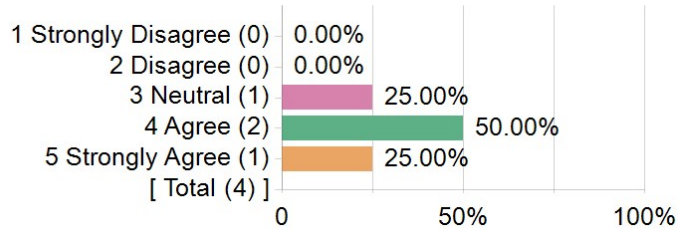
Statistics	Value
Response Count	4
Mean	4.50
Median	4.50
Mode	4, 5
Standard Deviation	0.58
Population Standard Deviation	0.50
Standard Error (base on SD)	0.29
Standard Error (base on PSD)	0.25

3. This course challenged me intellectually.



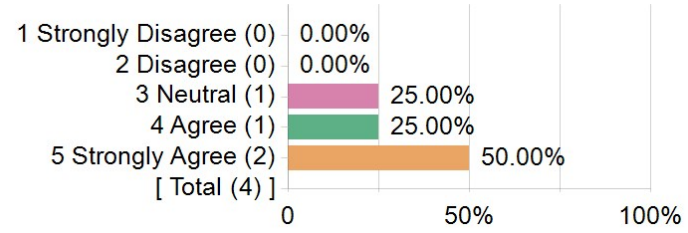
Statistics	Value
Response Count	4
Mean	4.75
Median	5.00
Mode	5
Standard Deviation	0.50
Population Standard Deviation	0.43
Standard Error (base on SD)	0.25
Standard Error (base on PSD)	0.22

4. Course grading criteria were communicated clearly.



Statistics	Value
Response Count	4
Mean	4.00
Median	4.00
Mode	4
Standard Deviation	0.82
Population Standard Deviation	0.71
Standard Error (base on SD)	0.41
Standard Error (base on PSD)	0.35

5. Course objectives were met.

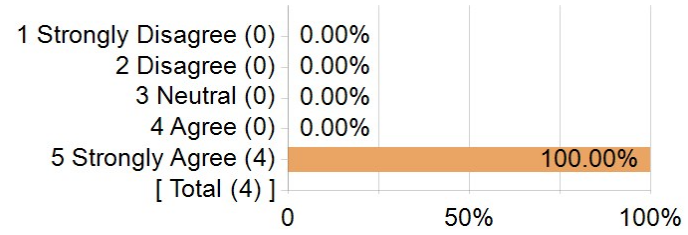


Statistics	Value
Response Count	4
Mean	4.25
Median	4.50
Mode	5
Standard Deviation	0.96
Population Standard Deviation	0.83
Standard Error (base on SD)	0.48
Standard Error (base on PSD)	0.41

Additional Questions

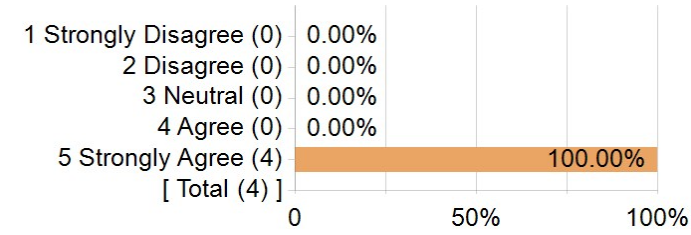
Competency Statistics	Value
Mean	4.30
Median	5.00
Mode	5
Standard Deviation	1.08
Standard Error (base on SD)	0.24
Population Standard Deviation	1.05
Standard Error (base on PSD)	0.24

1. Instructor encouraged participation.



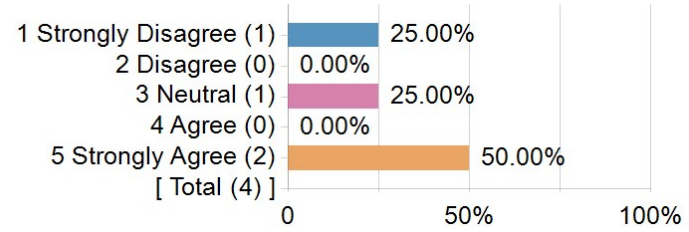
Statistics	Value
Response Count	4
Mean	5.00
Median	5.00
Mode	5
Standard Deviation	0.00
Population Standard Deviation	0.00
Standard Error (base on SD)	0.00
Standard Error (base on PSD)	0.00

2. Instructor was respectful to students.



Statistics	Value
Response Count	4
Mean	5.00
Median	5.00
Mode	5
Standard Deviation	0.00
Population Standard Deviation	0.00
Standard Error (base on SD)	0.00
Standard Error (base on PSD)	0.00

3. Examinations were a good test of my knowledge.



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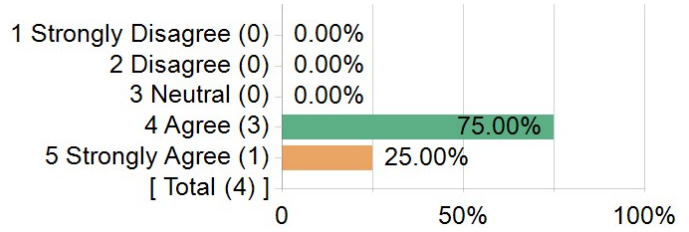
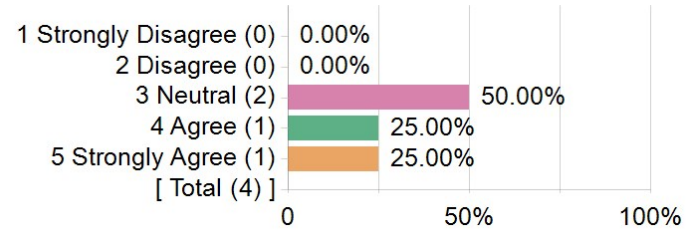
Response Count	4
Mean	3.50
Median	4.00
Mode	5
Standard Deviation	1.91
Population Standard Deviation	1.66
Standard Error (base on SD)	0.96
Standard Error (base on PSD)	0.83

4. Overall, considering its content, design and structure, this course was excellent.



Statistics	Value
Response Count	4
Mean	4.25
Median	4.00
Mode	4
Standard Deviation	0.50
Population Standard Deviation	0.43
Standard Error (base on SD)	0.25
Standard Error (base on PSD)	0.22

5. Instructor was an effective teacher.



Statistics	Value
Response Count	4
Mean	3.75
Median	3.50
Mode	3
Standard Deviation	0.96
Population Standard Deviation	0.83
Standard Error (base on SD)	0.48
Standard Error (base on PSD)	0.41

What do you consider to be the greatest STRENGTH of the INSTRUCTOR?

Comments
Coordination and organization.
Dr. Mohlenkamp is great at letting us try to answer each other's questions before stepping in and answering them himself. This helped me to better understand the course concepts.

What do you consider to be the greatest WEAKNESS of the INSTRUCTOR? Suggestions for improvement?

Comments
None
N/A, Dr. Mohlenkamp is great!

What do you consider to be the greatest STRENGTH of the COURSE (texts, content, etc.)?

Comments
Challenged me to read braoder
I enjoyed how the course was mostly student–led and we got to learn from each other.

What do you consider to be the greatest WEAKNESS of the COURSE? Suggestions for improvement?

Comments
None.
I would have enjoyed learning about a wider variety of machine learning techniques, like tree–based models and SVMs, rather than just focusing on optimization algorithms (although I do realize that "Optimization Algorithms" was part of the course description)