University of Michigan
Fall 2021 Instructor Report With Comments
ROB 101-881: Comp Lin Alg
Jessy Grizzle

6 out of 9 students responded to this evaluation.

Responses to University-wide questions about the course:

	SA	A	N	D	SD	N/A	Your Median	Univ-wide Median	School/College Median
This course advanced my understanding of the subject matter. (Q1631)	3	3	0	0	0	0	4.5	4.5	4.4
My interest in the subject has increased because of this course. (Q1632)	0	4	1	1	0	0	3.8	4.2	4.1
I knew what was expected of me in this course.(Q1633)	1	4	1	0	0	0	4.0	4.5	4.3
I had a strong desire to take this course.(Q4)	0	4	1	1	0	0	3.8	4.0	4.1
As compared with other courses of equal credit, the workload for this course was (SA=Much Lighter, A=Lighter, N=Typical, D=Heavier, SD=Much Heavier). (Q891)	0	2	4	0	0	0	3.3	3.0	3.0

Responses to University-wide questions about the instructor:

	SA	A	N	D	SD	N/A	Your Median	Univ-wide Median	School/College Median
Jessy Grizzle seemed well prepared for class meetings.(Q230)	4	0	1	0	0	1	4.9	4.8	4.8
Jessy Grizzle explained material clearly.(Q199)	4	1	1	0	0	0	4.8	4.7	4.7
Jessy Grizzle treated students with respect.(Q217)	5	0	1	0	0	0	4.9	4.9	4.9

Responses to questions about the course:

	SA	A	N	D	SD	N/A	Your Median
Overall, this was an excellent course. (Q1)	3	2	1	0	0	0	4.5
I gained a good understanding of concepts/principles in this field. (Q121)	1	4	1	0	0	0	4.0
The amount of work required was appropriate for the credit received. (Q239)	0	5	1	0	0	0	3.9
Grades were assigned fairly and impartially. (Q365)	2	3	1	0	0	0	4.2

Responses to questions about the instructor:

	SA	A	N	D	SD	N/A	Your Median
Overall, Jessy Grizzle was an excellent teacher. (Q2)	3	2	1	0	0	0	4.5
Jessy Grizzle appeared to have a thorough knowledge of the subject. (Q207)	5	0	1	0	0	0	4.9
Jessy Grizzle acknowledged all questions insofar as possible. (Q216)	4	0	1	0	0	1	4.9

Lectures on Monday and Wednesday at 1:30 PM were convenient for me.

(custom question added by the instructor)

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	N/A	Your Median
0	2	2	1	1	0	3.0

Lab on Tuesday at 4:30 PM was convenient for me.

(custom question added by the instructor)

Strongly Agree	Agree	Neutral	Disagree	Strongly Agree	N/A	Your Median
0	2	1	2	1	0	2.5

The medians are calculated from Fall 2021 data. University-wide medians are based on all UM classes in which an item was used. The school/college medians in this report are based on classes that are lower division with enrollment of 1 to 15 in College of Engineering.

Written Comments

Which aspects of this course were most valuable? (Q908)

Comments
Projects were most valuable, and juliahws also happened
The projects did a very good job at making us apply linear algebra principles
Optimizing cost function for curve fitting was very cool and applicable, as was the segway problem (smallest norm to underdetermined system).
Learning how to apply linear algebra concepts into coding with Julia

Which aspects of this course were least valuable? (Q909)

Comments
We never got to do anything with soft/hard margin classifiers so it didn't feel as valuable.
I think not having actual exams was the least valuable aspect of this course

Please comment on the quality of the course as a whole. (Q911)

Comments
this course was awesome, can't believe it is a substitute for math214. I found the content much more interesting than I find a math class. I know there is a robotics major in the works and I'm happy for the students at umich who will be able to take it! That would have been something I would want to major in if I was coming into umich a few years from now.
Very good
Learned a lot, and it was difficult but the course did not load me up on busy work for the most part.
Overall I liked the course quality as I had ample time to complete the homework and projects and even received helpful feedback whenever I got stuck

How can Jessy Grizzle improve the teaching of this course? (Q901)

Comments
Teach more in the recorded lectures
Honestly I am not entirely sure, I think that I learned a lot in this course. Perhaps offering extra outside resources for students who may struggle with the coding aspects of the course (ie more resources on understanding errors thrown in code).

Please comment on perceived strengths and weaknesses of lectures, labs, and/or recitations.

Comments
Did a good job on
I wish stuff was taught a bit more visually. (I'm a fan of 3blue1brown's linear algebra videos; if you haven't seen them I think they explain some of the same stuff more clearly than the lectures)
Labs and recitations helped improve my Julia coding skills when it came to completing homework and projects. A weakness of labs however was it could have been more oriented towards students completing them on their own

Please comment on perceived strengths and weaknesses of HW drill problems, juliahws, and the projects.

Comments
at times the HW drill problems combines with the juliahws seemed to be a lot of work to turn in on the same day
Did a very good job on making us apply the principles. I do not like the fact that the autograder has private test cases. I like it better if it just told us what grade we would get so that we would not have to worry about it after we submit the assignment
HW drill problems where we were expected to work stuff out by hand (usually a large amount of calculating was involved) were unnecessary and over the top.
The HW drill problems, juliahws, and projects really tested my understanding of linear algebra concepts and how to apply them to code, which I found to be the biggest strength of them.