Northwestern

Individual Report for MATH_250-0_31: Elem Differential Equations (Apurva Nakade)

Project Title: **Course and Teacher Evaluations CTEC Spring 2023**

Courses Audience: **17**
Responses Received: **12**
Response Ratio: **70.6%**

Report Comments

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Creation Date: **Monday, June 12, 2023**

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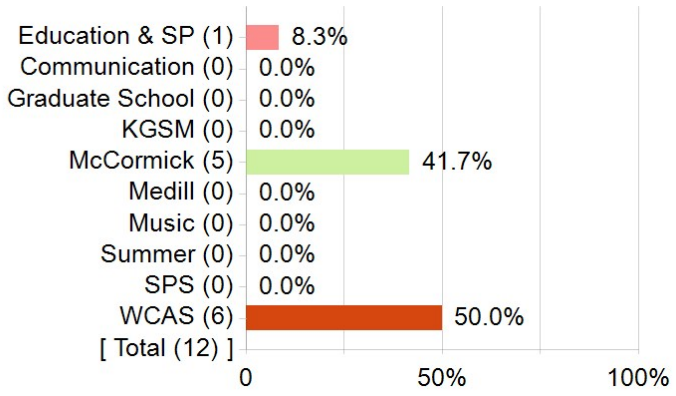
Course Evaluations

Instructor	Course
Apurva Nakade	**MATH_250-0_31: Elem Differential Equations**

DEMOGRAPHICS

Your School

Your School



Options	Count	Percentage
Education & SP	1	8.3%
Communication	0	0.0%
Graduate School	0	0.0%
KGSM	0	0.0%
McCormick	5	41.7%
Medill	0	0.0%
Music	0	0.0%
Summer	0	0.0%
SPS	0	0.0%
WCAS	6	50.0%

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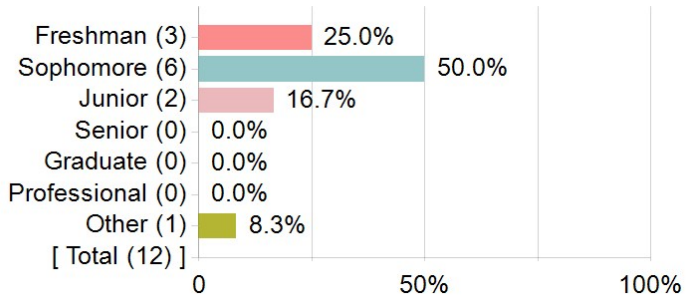
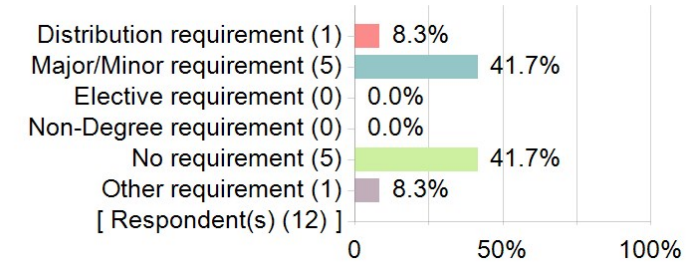
Your Class

Your Class



Options	Count	Percentage
Freshman	3	25.0%
Sophomore	6	50.0%
Junior	2	16.7%
Senior	0	0.0%
Graduate	0	0.0%
Professional	0	0.0%
Other	1	8.3%

What is your reason for taking the course? (mark all that apply)



Options	Count	Percentage
Distribution requirement	1	8.3%
Major/Minor requirement	5	41.7%
Elective requirement	0	0.0%
Non-Degree requirement	0	0.0%
No requirement	5	41.7%
Other requirement	1	8.3%
Respondent(s)	12	

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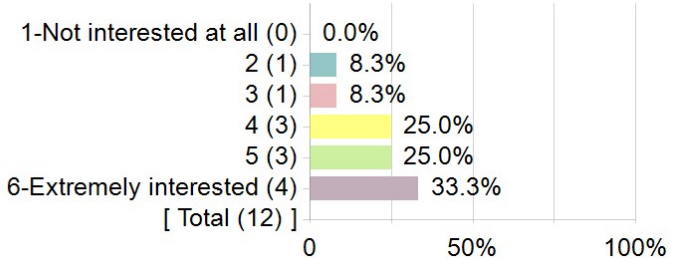
What was your Interest in this subject before taking the course?

What was your interest in this subject before taking the course?

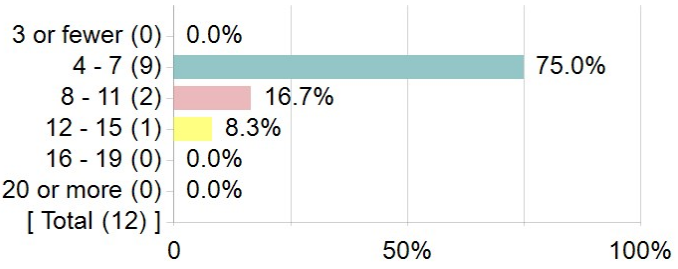


Options	Count	Percentage
1-Not interested at all	0	0.0%
2	1	8.3%
3	1	8.3%
4	3	25.0%
5	3	25.0%
6-Extremely interested	4	33.3%

TIME-SURVEY QUESTION

Estimate the average number of hours per week you spent on this course outside of class and lab time.

Estimate the average number of hours per week you spent on this course outside of class and lab time.



Options	Count	Percentage
3 or fewer	0	0.0%
4 - 7	9	75.0%
8 - 11	2	16.7%
12 - 15	1	8.3%
16 - 19	0	0.0%
20 or more	0	0.0%

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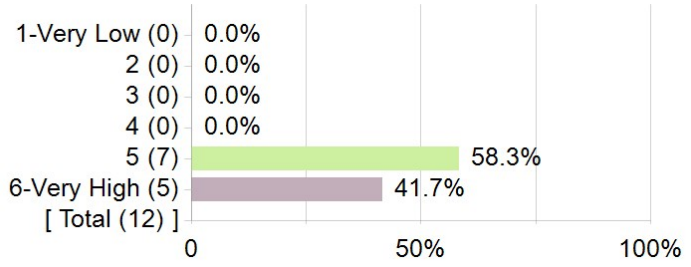
COURSE QUESTIONS

Provide an overall rating of the course.

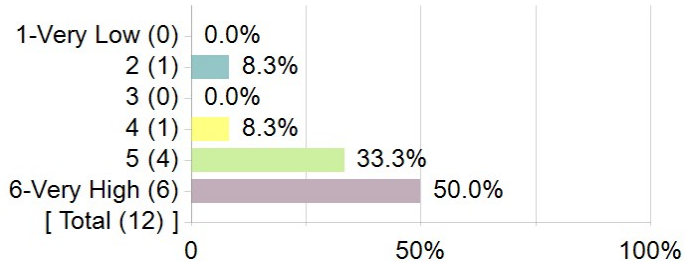
Provide an overall rating of the course.



Options	Score	Count	Percentage
1-Very Low	1	0	0.0%
2	2	0	0.0%
3	3	0	0.0%
4	4	0	0.0%
5	5	7	58.3%
6-Very High	6	5	41.7%
Statistics			Value
Response Count			12
Mean			5.42
Median			5.00
Standard Deviation			0.51

Estimate how much you learned in the course.

Estimate how much you learned in the course.



Options	Score	Count	Percentage
1-Very Low	1	0	0.0%
2	2	1	8.3%
3	3	0	0.0%
4	4	1	8.3%
5	5	4	33.3%
6-Very High	6	6	50.0%
Statistics			Value
Response Count			12
Mean			5.17
Median			5.50
Standard Deviation			1.19

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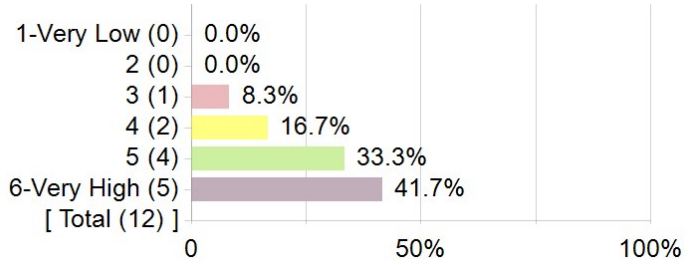
Rate the effectiveness of the course in challenging you intellectually.

Rate the effectiveness of the course in challenging you intellectually.

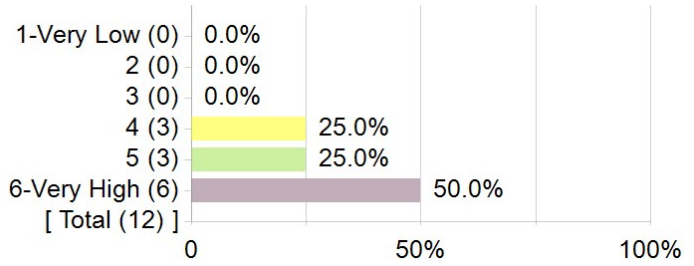


Options	Score	Count	Percentage
1-Very Low	1	0	0.0%
2	2	0	0.0%
3	3	1	8.3%
4	4	2	16.7%
5	5	4	33.3%
6-Very High	6	5	41.7%

Statistics	Value
Response Count	12
Mean	5.08
Median	5.00
Standard Deviation	1.00

Rate the instructional materials (texts, audiovisual materials, etc.) used in this course.

Rate the instructional materials (texts, audiovisual materials, etc.) used in this course.



Options	Score	Count	Percentage
1-Very Low	1	0	0.0%
2	2	0	0.0%
3	3	0	0.0%
4	4	3	25.0%
5	5	3	25.0%
6-Very High	6	6	50.0%

Statistics	Value
Response Count	12
Mean	5.25
Median	5.50
Standard Deviation	0.87

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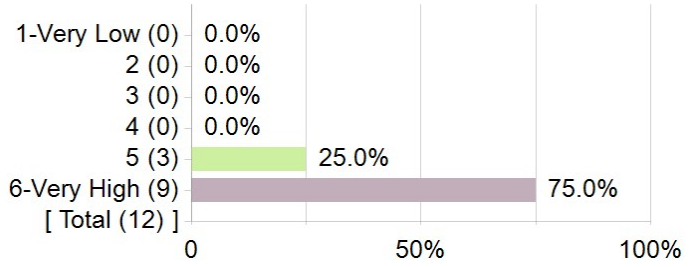
INSTRUCTOR QUESTIONS

Provide an overall rating of the instruction.

Provide an overall rating of the instruction.



Options	Score	Count	Percentage
1-Very Low	1	0	0.0%
2	2	0	0.0%
3	3	0	0.0%
4	4	0	0.0%
5	5	3	25.0%
6-Very High	6	9	75.0%
Statistics			Value
Response Count			12
Mean			5.75
Median			6.00
Standard Deviation			0.45

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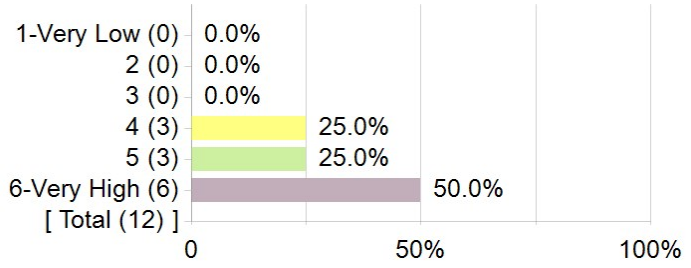
Rate the effectiveness of the instructor in stimulating your interest in the subject.

Rate the effectiveness of the instructor in stimulating your interest in the subject.

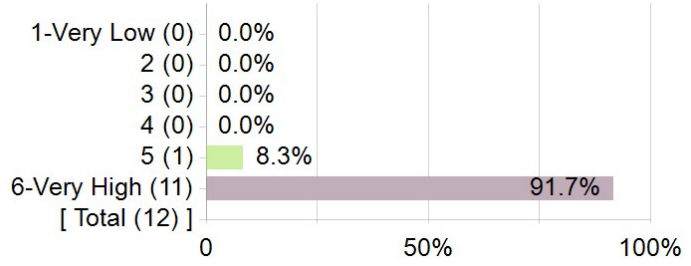


Options	Score	Count	Percentage
1-Very Low	1	0	0.0%
2	2	0	0.0%
3	3	0	0.0%
4	4	3	25.0%
5	5	3	25.0%
6-Very High	6	6	50.0%

Statistics	Value
Response Count	12
Mean	5.25
Median	5.50
Standard Deviation	0.87

Rate how well prepared the instructor was for the class.

Rate how well prepared the instructor was for the class.



Options	Score	Count	Percentage
1-Very Low	1	0	0.0%
2	2	0	0.0%
3	3	0	0.0%
4	4	0	0.0%
5	5	1	8.3%
6-Very High	6	11	91.7%

Statistics	Value
Response Count	12
Mean	5.92
Median	6.00
Standard Deviation	0.29

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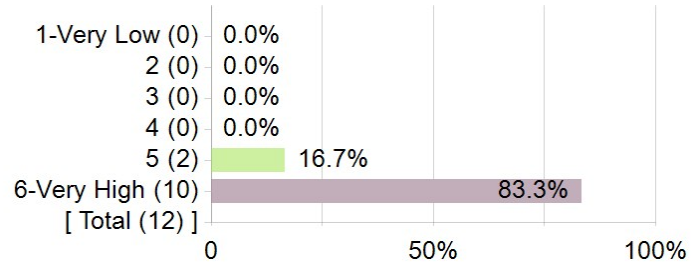
Rate the effectiveness with which the instructor communicated course content and ideas.

Rate the effectiveness with which the instructor communicated course content and ideas.

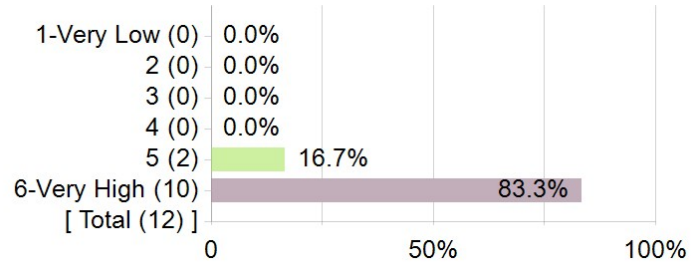


Options	Score	Count	Percentage
1-Very Low	1	0	0.0%
2	2	0	0.0%
3	3	0	0.0%
4	4	0	0.0%
5	5	2	16.7%
6-Very High	6	10	83.3%

Statistics	Value
Response Count	12
Mean	5.83
Median	6.00
Standard Deviation	0.39

Rate the instructor's enthusiasm in teaching this class.

Rate the instructor's enthusiasm in teaching this class.



Options	Score	Count	Percentage
1-Very Low	1	0	0.0%
2	2	0	0.0%
3	3	0	0.0%
4	4	0	0.0%
5	5	2	16.7%
6-Very High	6	10	83.3%

Statistics	Value
Response Count	12
Mean	5.83
Median	6.00
Standard Deviation	0.39

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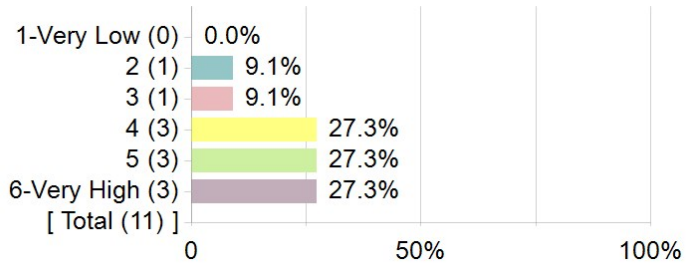
Usefulness of discussion sessions.

Usefulness of discussion sessions.



Options	Score	Count	Percentage
1-Very Low	1	0	0.0%
2	2	1	9.1%
3	3	1	9.1%
4	4	3	27.3%
5	5	3	27.3%
6-Very High	6	3	27.3%

Statistics	Value
Response Count	11
Mean	4.55
Median	5.00
Standard Deviation	1.29

OPEN-ENDED QUESTIONS

Did the course help you learn? Why or why not?

Comments
Yes, because it taught me so much about approaches to solving differential equations.
Yes. The homeworks were great for making sure we had a deep understanding, and the tests reinforced the main concepts. The discussions were an opportunity to apply what we had learned, which was cool.
Yes, it was very clear what material needed to be learned, and how to do so. Multiple approaches to the same concepts were taught which was also very helpful
Yes, I learned a lot about differential equations in this class. Professor Apurva Nakade was a great instructor who explained the material clearly and effectively.
Definitely, having a prof to help cover the content and make connections and provide external information is really helpful. Also it is helpful because questions can be asked.
I had already taken this class in high school, and it was very similar content, so it felt more like review.
yes, new techniques for solving EDE

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Please summarize your reaction to this course focusing on the aspects that were most important to you.

Comments
This was one of the most interesting classes I have ever taken at Northwestern. Apurva Nakade is a godsend of a teacher, and is absolutely amazing. His office hours were incredibly helpful, and he was genuinely a nice guy as well. He is the bar other professors should aspire to reach, with engaging lectures (9am in Lunt is no easy feat), clear and concise notes that were immediately accessible after class, and effective communication to students.
Nakade was truly amazing, but I think he's leaving Northwestern after this year, so you probably won't be able to take this with him. I thought the class was great, but I can't speak for when this is taught by other instructors.
Straightforward, as expected with a few tricky concepts
Great instruction by Professor Nakade. Working with peers in discussion sections should be further facilitated.
The homework SUCKED and took a while. Discussion worksheets weren't that bad but it was hard waking up to go to it. However, other than that this class was pretty easy. The exams were very very light compared to homework. Apurva was an excellent, passionate, and understanding professor. I will deeply miss him.
This was a good course! Professor Apurva Nakade is a great instructor and he explained the material clearly and thoroughly. He's also very kind and approachable. The grading is based on weekly homeworks (30%), two midterms (each 25%), and worksheets we did during discussions (20%). The assessments are quite fair and not too difficult.
Definitely a very good, better substitute for EA4. I enjoyed the class and the instruction. It's ODEs, so pretty self explanatory, but we got to cover some extra topics at the end which was fun. Apurva is a solid instructor and has really good notes. Recommend the course if you need it.
This course was awesome to take with professor Nakade. He made the lectures easy to follow and the content as interesting as it could be.
Chill class, Apurva is a great teacher who communicates course content clearly.

What are the primary teaching strengths of the instructor?

Comments
Everything.
Apurva was always willing to help, and also explained things very clearly.
High quality prepared notes that were available to review later. Great energy for an early morning class. Obviously cared about the subject and student success.
Profesor Apurva Nakade is very kind, approachable, organized, and he explained all the material very clearly.
He understands the topics well and can pull lots of examples from the real world. He can explain things well and in different ways. He also has very good notes.
The lectures were really well thought out and easy to follow.
organized, clear, good notes

What are the primary weaknesses, if any, of the instruction?

Comments
Nothing.
Nothing.
The classroom had tech issues a few times which was not the fault of the instructor.
He has none
I don't necessarily think it's a weakness, but I think it would be good if he had just a touch more confidence is his answers because he's right all the time.
sometimes underestimated how much work he was assigning

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Can you offer suggestions for improvement?

Comments
N/A
Nothing comes to mind.
Because the tests are a sprint, maybe a clear subject bank that the 5 questions will be picked from so students can focus on speed. I think the test questions were very reasonable, just really favored high–speed math.
none

Suggest improvements to discussion sessions.

Comments
The discussion homeworks were decently long. It would be more manageable, especially with the long written homeworks, to have shorter discussion assignments.
Nothing comes to mind.
The discussion worksheets were a bit confusing sometimes and led to a standstill during the discussion periods. Once I learned the material and was going over them at the end I was able to do all but one pretty easily. I think going over the worksheets and making sure the wording is clear and maybe adding a few hints would help keep things moving.
I like the real world applications of the discussion sessions
some of the worksheets were very complex

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