

JHU - Krieger School of Arts & Sciences / Whiting School of Engineering

ASEN.2015.Summer1

Course: AS.110.302.11.SU15: Differential Equations with Applications Online
Instructor: Apurva Nakade *
Response Rate: 8/9 (88.89 %)

1 - The overall quality of this course is:

Response Option		Weight	Frequency	Percent	Percent Responses	Means										
Poor		(1)	0	0.00%												
Weak		(2)	0	0.00%												
Satisfactory		(3)	1	12.50%												
Good		(4)	4	50.00%												
Excellent		(5)	3	37.50%												
N/A		(0)	0	0.00%												
					0	25	50	100	Question		School Level		Department Level			
Response Rate		Mean	STD	Median	School Level		Mean	STD	Median	Department Level		Mean	STD	Median		
8/9 (88.89%)		4.25	0.71	4.00	476		4.01	0.99	4.00	24		4.13	0.95	4.00		

2 - The instructor's teaching effectiveness is:

Apurva Nakade

Response Option		Weight	Frequency	Percent	Percent Responses	Means								
Poor		(1)	0	0.00%										
Weak		(2)	0	0.00%										
Satisfactory		(3)	1	12.50%										
Good		(4)	4	50.00%										
Excellent		(5)	3	37.50%										
N/A		(0)	0	0.00%										
					02550100	Question		School Level		Department Level				
Response Rate		Mean	STD	Median	School Level		Mean	STD	Median	Department Level		Mean	STD	Median
8/9 (88.89%)		4.25	0.71	4.00	600		3.96	1.09	4.00	25		4.12	0.97	4.00

3 - The intellectual challenge of this course is:

Response Option				Weight	Frequency	Percent	Percent Responses	Means						
Poor				(1)	0	0.00%								
Weak				(2)	0	0.00%								
Satisfactory				(3)	1	12.50%								
Good				(4)	6	75.00%								
Excellent				(5)	1	12.50%								
N/A				(0)	0	0.00%								
02550100								Question	School Level	Department Level				
Response Rate		Mean	STD	Median	School Level		Mean	STD	Median	Department Level		Mean	STD	Median
8/9 (88.89%)		4.00	0.53	4.00	476		4.31	0.76	4.00	25		4.20	0.71	4.00

4 - The teaching assistant for this course is:

Response Option			Weight	Frequency	Percent	Percent Responses	Means									
Poor			(1)	0	0.00%											
Weak			(2)	0	0.00%											
Satisfactory			(3)	0	0.00%											
Good			(4)	0	0.00%											
Excellent			(5)	1	12.50%											
N/A			(0)	7	87.50%											
							0 25 50 100		Question		School Level		Department Level			
Response Rate		Mean	STD	Median	School Level		Mean	STD	Median	Department Level		Mean	STD	Median		
8/9 (88.89%)		5.00	0.00	5.00	476		4.24	0.91	5.00	25		3.83	1.33	4.00		

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5 - Please enter the name of the TA you evaluated in question 4:

Response Rate 3/9 (33.33%)

- NA
- N/A
- Apurv Nakade

6 - Feedback on my work for this course is useful:

Response Option				Weight	Frequency	Percent	Percent Responses	Means						
Disagree strongly				(1)	0	0.00%								
Disagree somewhat				(2)	1	12.50%								
Neither agree nor disagree				(3)	0	0.00%								
Agree somewhat				(4)	4	50.00%								
Agree strongly				(5)	3	37.50%								
N/A				(0)	0	0.00%								
02550100								Question		School Level		Department Level		
Response Rate		Mean	STD	Median	School Level		Mean	STD	Median	Department Level		Mean	STD	Median
8/9 (88.89%)		4.13	0.99	4.00	475		3.89	1.03	4.00	25		4.12	0.93	4.00

7 - Compared to other Hopkins courses at this level, the workload for this course is:

Response Option				Weight	Frequency	Percent	Percent Responses	Means						
Much lighter				(1)	0	0.00%			3.50	3.65	3.65			
Somewhat lighter				(2)	0	0.00%								
Typical				(3)	3	37.50%								
Somewhat heavier				(4)	3	37.50%								
Much heavier				(5)	0	0.00%								
N/A				(0)	2	25.00%								
02550100								Question		School Level		Department Level		
Response Rate		Mean	STD	Median	School Level		Mean	STD	Median	Department Level		Mean	STD	Median
8/9 (88.89%)		3.50	0.55	3.50	476		3.65	1.03	4.00	25		3.65	0.67	4.00

8 - What are the best aspects of this course?

Response Rate 8/9 (88.89%)

- Instructor was nice and helpful.
- Because of small size of class, our instructor can help us individually more often.
- Reasonable level of difficulty for quizzes, exams, etc. Approachable, caring instructor who is willing to provide thorough answers to questions.
- Apurv was available every day before class to answer questions. The set up of the class was great and the weekly quizzes helped ensure we knew the material.
- I liked the material covered and the availability of the teacher.
- It taught me how to solve differential equations of certain types.
- Care is taken to make sure each student understands the material
- What an intellectual and academic Professor is Apurv Nakade. He inspired us to ask the important questions about math, to explore the foundations of mathematics, and to pursue further academic engagements in math, physics and engineering. He is an enlightened and devoted teacher and friend.

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9 - What are the worst aspects of this course?

Response Rate 7/9 (77.78%)

- Homework was a pain.
- Homework grading was too strict.
- Daily homework, lack of organization, textbook
- Sometimes questions were not given much partial credit.
- Some of the material was not explained well and led to trouble understanding it.
- There wasn't much concern for theorems, generality, or proofs, which are the things I like about math. But I can't say I was surprised.
- None

10 - What would most improve this class?

Response Rate 8/9 (88.89%)

- Better homework selection.
- Have more office hours or TA help session so that students can easily get help after classes.
- Reduce the amount of homework given everyday (reduce it to maybe once or twice a week.) Try to make lecture more organized and coherent. Maybe change textbook.
- Nothing needs to be improved.
- Everything was overall okay. It would have been nice to have slowed down a little and understand the new and difficult concepts.
- A more theoretical treatment of the material, going over proofs of the essential theorems.
- Partial credit should be given even during the Laplace transforms unit, as long as it is clear that the student understood the concepts and is applying a reasonable and correct method of solving the problem.
- None

11 - What should prospective students know about this course before enrolling? (You may comment on any aspect of this course such as assumed background, readings, grading systems, and so on.)

Response Rate 6/9 (66.67%)

- Take this class after taking linear algebra and multivariable calculus, it will be easier.
- Prospective students should understand and well-prepared with materials from Calculus I and II.
- This class is quite challenging; make sure to dedicate considerable amount of time to do homework, study for quizzes and exams. Background in calc II is extremely helpful.
- Make sure you keep up with the work. There is homework every night which is very helpful for learning the material.
- Background in Linear Algebra and Calculus are highly recommended. Be careful while doing problems since one little sign error can cost many points.
- It will teach you how to solve specific types of differential equations. However you might not get a very deep understanding of the material since there is no regard for proofs of theorems or any theory really.

12 - Why did you take a course this summer?

Response Rate 7/9 (77.78%)

- It's a prerequisite for some of the classes I'm taking next fall.
- To re-take and get better grade on this course.
- To fulfill major requirement
- I did not like the professor who taught it during the year. This class was very fair.
- To enrich myself in mathematics and also for the credits.
- I knew I needed to take Differential Equations sometime before I graduated, and there were too many courses I really wanted to take at Colby to fit it in there.
- I wanted to get ahead academically

13 - Regarding your decision process to take a summer class, what were some of your obstacles/concerns?

Response Rate 6/9 (66.67%)

- Whether the class would be preapproved. The school had to offer the classes I needed. Distance I would have to travel. On-campus housing availability.
- There were no such obstacles or concerns, but it would be better to have one more class on Summer Session II if possible.
- Doing homework every night was challenging. I was used to handing an assignment in once a week and having multiple days to complete it.
- Some of my obstacles/concerns were that the course may be too fast paced since everything was crammed into five weeks.
- I was concerned about the commute but it turned out all right.
- None

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14 - What other courses not currently offered during the summer would you like to see offered?

Response Rate	7/9 (77.78%)
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- NA
- Nothing comes to mind.
- maybe some intro foreign language courses?
- CAD
- None that I know at the moment.
- A more theoretical version of this course.
- Upper level engineering