

Assessment: Course Four Column

Courses (MATH) - Math

MATH 285:Differential Equations

<i>Course Outcomes</i>	<i>Assessment Measures</i>	<i>Results</i>	<i>Actions</i>
<p>Solve simple first order differential equations - Solve simple first order differential equations. Course Outcome Status: Active Next Assessment: 2023-2024</p>	<p>Exam - Proctored assignment: Chapter 1 & 2 Exam Problem numbers: #2 100% #5 100% #6 33% Criterion: NA</p>	<p>Reporting Period: 2018-2019 Criterion Met: Yes Average percentage: 77.7%</p> <p>Results Analysis: One student had trouble understanding the first order differential question involving the final answer as an implicit solution. (10/03/2019)</p>	<p>Action: I will emphasize more explaining about the meaning of implicit solution in the future class. (10/03/2019)</p>
<p>Simple second order differential equation - Solve a simple second order differential equation. Course Outcome Status: Active Next Assessment: 2023-2024</p>	<p>Exam - Proctored assignment: Chapter 1 & 2 Exam Problem numbers: # 3 100%</p> <p>Proctored assignment: Chapter 3 & 4 Exam Problem numbers: #1 66.7% #2 66.7% #3 66.7% #4 100% Criterion: NA</p>	<p>Reporting Period: 2018-2019 Criterion Met: Yes Average Percentage: 80.0% (10/03/2019)</p>	
<p>Understand Differential Operators - Understand Differential Operators Course Outcome Status: Active Next Assessment: 2023-2024</p>	<p>Exam - Proctored assignment: Chapters 5 & 7 Exam Problem numbers: #2 66.7%</p>	<p>Reporting Period: 2018-2019 Criterion Met: Yes Average percentage: 66.7%</p>	<p>Action: I am going to point out to students at the beginning of semester that this course would be requiring regular study time and time management to be</p>

<i>Course Outcomes</i>	<i>Assessment Measures</i>	<i>Results</i>	<i>Actions</i>
	#3 66.7% Criterion: NA	Results Analysis: As the semester progressed, two of students had been doing well, however, one of the three students in the class fell behind. The other two students showed excellent understanding regarding the learning outcomes #3, 4 and 5. (10/03/2019)	successful. (10/03/2019)
Laplace transform of a function - Determine the Laplace transform of a function. Course Outcome Status: Active Next Assessment: 2023-2024	Exam - Proctored assignment: Chapters 5 & 7 Exam Problem numbers: #4 66.7% #5 66.7% Criterion: NA	Reporting Period: 2018-2019 Criterion Met: Yes Average percentage: 66.7% (10/03/2019)	
Solve second order differential equations using Laplace transforms - Solve second order differential equations using Laplace transforms Course Outcome Status: Active Next Assessment: 2023-2024	Exam - Proctored assignment: Chapters 5 & 7 Exam Problem numbers: #6 66.7% #7 66.7% Criterion: NA	Reporting Period: 2018-2019 Criterion Met: Yes Average Percentage: 66.7% (10/03/2019)	
Solve a DE using series expansion techniques - Solve a DE using series expansion techniques. Course Outcome Status: Active Next Assessment: 2023-2024	Assignment - Written - Proctored assignment: Chapters 8 & 9 Problem numbers: #1 66.6% #2 66.7% #3 66.7% Criterion: NA	Reporting Period: 2018-2019 Criterion Met: Yes Average percentage: 66.7% (10/03/2019)	Action: Two of the three students successfully completed the course. The third student, although contacted regularly, had challenges outside of school and wasn't able to complete the course. (10/03/2019)