

**Spring 2020 Syllabus Addendum
Transitioning to Online Instruction**

Math 238–006

Course Title: General Calculus 238

Instructor: Professor N. Tsipenyuk

Date: March 17, 2020

Math 238: Transition to online instruction; Spring 2020

Welcome back to the second half of the semester, and I hope you have all had a good break. For the next weeks the class will meet online. Class meetings and office hours will take place at the usual times, and they still will be interactive with dialog and two-way communication. Here is how this will work in our class:

- Math 238 will continue to meet online during regularly scheduled class times 2nd period Monday and Wednesday, 10:00-11:20 a.m., Eastern Daylight Savings time (EDT).
- We will use the video-conferencing tool, Canvas, to hold real time online lectures.
- Prior to each online lecture, students will be asked to complete pre-discussion work on their own. This work will include:
 - Viewing high quality lectures from MIT OpenCourseware
 - Reading the textbook
 - Weekly homework assignments
- The MIT course is Course # 18.01SC, “Single Variable Calculus (Fall 2010)” at the following link: <https://ocw.mit.edu/courses/mathematics/>

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Week 9 3/23-3/29

1. Read Section 7.1 and 7.2 of the text
2. Complete assigned Homework by Sunday night and download it to Canvas

Week 10 3/30-4/5

1. View the following videos on the MIT OpenCourseware, <https://ocw.mit.edu/resources/res-6-012-introduction-to-probability-spring-2018/part-i-the-fundamentals/sequences-and-their-limits/> and from **Unit 5: Exploring the Infinite** Part B: Taylor Series: Session 94: Infinite Series;
2. Read Section 8.1 and 8.2 of the text
3. Complete assigned Homework by Sunday night and download it to Canvas

Week 11 4/6-4/12

1. View the following videos on the MIT OpenCourseware, from **Unit 5: Exploring the Infinite** Part B: Taylor Series Session 95: Series Comparison: View the recitation videos for Comparison Tests and Ratio Test
2. Read Section 8.3 and 8.4 of the text
3. Complete assigned Homework by Sunday night and download it to Canvas

Week 12 4/13-4/19

1. Solve the Mock Exam#2 before the Review Session

Week 13 4/20-4/26

1. View the following videos on the MIT OpenCourseware, from **Unit 5: Exploring the Infinite** Part B: Taylor Series Session 97: Power Series: Session 98: Taylor's Series. View the recitation videos as well for these sessions
2. Read Section 8.5 and 8.6 of the text
3. Complete assigned Homework by Sunday night and download it to Canvas

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Week 14 4/27-5/3

1. View the following videos on the MIT Opencourseware, from **Unit 5: Exploring the Infinite** Part B: Taylor Series Session 99: Taylor Series. View the recitation videos as well for these sessions
2. Read Section 8.7, of the text
3. Complete assigned Homework by Sunday night and download it to Canvas

Week 15 5/4-5/5

1. Solve the Mock Final Exam before the Review Session