

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

Math 238–004

Course Title: General Calculus II

Instructor: Professor J. Ratnaswamy

Date: March 13, 2020

- ❖ **Math 238 will continue to meet online during regularly scheduled class times.**
- ❖ **I will use the videoconferencing tool, Webex, to hold real time online lectures.**
- ❖ **Access to Webex will be possible through Canvas.**
- ❖ **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 Khan Academy**
 - **Reading the textbook**
 - **Additional problem sets**

Week 9

1. View the following videos on the Khan Academy.
 - a. 6.5: Average Value, HW: 6.5 Ex.: 5, 14, 15
 - b. 8.1 Sequences HW :8.1 Ex.: 4, 6, 14, 16, 41
2. 8.1 Sequences (continue)
3. Discussion.

Week 10

1. View the following videos on the Khan Academy.
2. 8.2 Series HW: 8.2 Ex.: 4, 6, 22, 26
3. Review and Exam 2
4. Discussion.

Week 11

1. View the following videos on the Khan Academy.
2. 8.3 Integral and Comparison Tests HW: 8.3 Ex.: 6, 10, 16, 18
3. 8.4 Other Convergence Tests HW: 8.4 Ex.: 21, 22, 26, 29
4. Discussion.

Week 12

1. View the following videos on the Khan Academy.
2. 8.4 Other Convergence Tests
3. 8.5 Power Series HW: 8.5 Ex.: 13, 14, 19, 20
4. Discussion.



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Week 13

1. View the following videos on the Khan Academy.
2. 8.6 Representations of Functions as Power Series. HW: 8.6 Ex.: 5, 6, 7, 8
3. 8.7 Taylor and Maclaurin Series 8.7 Ex.: 5, 6, 13, 14
4. Discussions.

Week 14

1. View the following videos on the Khan Academy.
2. 8.7 Taylor and Maclaurin Series HW:8.7 Ex.: 5, 6, 13, 14
3. Discussions.

Week 15:

Review and Final exam.