

Instructor: Andrea Tamburelli **Time:** MWF 9:45-10:40 am
Zoom link: Meeting ID: 99210250025 **Email:** at52@rice.edu

Office Hours: Office hours will be held via zoom on Monday 5-7pm, Wednesday 5-7pm and Friday 5-7pm at the following link (Meeting ID: 93687007233), or by appointment in my office (HBH 444).

Textbook: No textbook is required, but if you want one for reference purposes, you may use *OpenStax: Calculus Volume 1*, which is available freely at <https://openstax.org/details/books/calculus-volume-1>.

Course outline: This course is intended to introduce students to the concepts and methods of calculus. In particular, we will try to build an understanding of functions and operations on functions like differentiation and integration. We will also apply calculus to modelling problems. The course provides the background necessary for Math 102.

Day-to-day requirements: By 9:00am each class day, students are expected to have completed an online learning sequence in preparation for the in-class activities. Since this sequence is necessary for the class activities, late submissions will not be accepted. However, a student's two lowest-scoring sequences will be dropped. The online material is on *edge.edx.org*. Students will receive an email invitation to register. Make your username your preferred first name followed by lastname or last initial. If you did not get an invitation, email me immediately. For the online learning sequences, you should work alone. Outside assistance should be limited to asking questions about parts of videos that you did not understand.

Homework: Homework is due every week on **Friday** by 11:59pm. Homework is a key part of the course and no late assignments will be accepted for any reason. The lowest homework grade will be dropped. Homework is not pledged and you are encouraged to collaborate with other students in the class. However, your solutions must be written up individually.

Grading: Grades will be based on homework and exams as follows:

Online learning sequences:	10 %
Homework:	16 %
Midterm I:	22 %
Midterm II:	22 %
Final exam:	30 %

Important dates: First day of classes: August 24th
Midterm I: TBA (online)
Midterm II: TBA (online)
Last day of classes: November 20th
Final: TBA (online)

Disability Support: If you have any documented disability that requires academic adjustments or accommodations, please speak with me during the first week of class. All discussions will remain confidential. Students with disabilities will also need to contact Disability Support Services in the Allen Center.

Online sources: The service *Canvas* will be used for this course. Announcements, coursework, etc. will be posted there.