
COURSE SYLLABUS

Instructor Information:

Name: Nicole Buczkowski (she/her/hers) Email: preferred through Canvas Inbox System
Office Hours: M 3-4:30 pm, W 9-10:30 am or by Appointment on Zoom
Zoom Link (for remote Office Hours, Benchmarks, etc.): <https://wpi.zoom.us/j/94010620201>

PLA Information:

Name: Andrey Martemyanov
Office Hours: T 3-4:30 pm, R 5-6:30 pm

Text: *Calculus, Early Transcendentals*, by Thomas, the 15th Edition.

Calculators and Communication Devices: For homework and in-class work, you may use any calculator you like. For benchmarks and the final exam, no calculator will be allowed. **No phones or any devices capable of wireless communication** including smart-watches are permitted at any time.

Academic Accommodations: We strive to create an inclusive environment where all students are valued members of the class community. If you need course adaptations or accommodations, or if you have medical needs that may impact your performance or participation in this course, please make an appointment with us as soon as possible. If you have approved accommodations, please request your accommodation letters online through the Office of Accessibility Services student portal. If you have not already done so, students with needs who plan to utilize accommodations for this course are encouraged to contact the Office of Accessibility Services as soon as possible to ensure that such accommodations are implemented in a timely fashion.

Email – AccessibilityServices@wpi.edu

Phone – (508) 831-4908

On Campus – Daniels Hall, First Floor 124

Please know it is important to me that you feel you are in the best position to succeed in the course. If you need accommodations and there is anything I can do to help, I will be happy to assist to the best of my abilities.

Academic Honesty: Academic honesty is essential to the existence and integrity of an academic institution. The responsibility for maintaining that integrity is shared by all members of the academic community. More information on WPI's policy can be found <https://www.wpi.edu/about/policies/academic-integrity>.

Working together is permissible except during exams. When working together you must show individual thought and writing in each problem assigned. Direct copying (and allowing someone to copy directly from you) is not acceptable.

Consequences for violating the Academic Honest Policy range from earning a zero on the assignment, failing the course, or being suspended or expulsion from WPI. The Dean of Students Office maintains judicial records for any act of academic dishonesty.

Student concerns and feedback: Your experience in this course is important to me. If you have questions, concerns, or positive feedback, please contact me at my Canvas inbox or email address.

Tentative Schedule:

Below is the tentative schedule. Sections covered in lecture each week are given. Lectures will be given as sets of videos. You can work at your own pace through the associated lecture, but you should complete these before completing the associated homework. Items in **blue** will be completed on Zoom. Items in **red** will be

completed on Zoom 9-10:10 am ET.

Dates	Lectures Posted	Due: M	Due: T	Due: R	Due: F
5/20-24	14.1-14.4		SH	HW 1,2	Group Quiz 1
5/28-31	14.5-14.7		HW 3,4, Lab 1	HW 5,6	Group Quiz 2
6/3-7	15.1-15.3	HW 7	Benchmark 1(A1)	HW 8	Group Quiz 3
6/10-14	15.4-15.6	HW 9,10	Lab 2, Benchmark 1(A2)	HW 11,12	
6/17-21	15.7, 15.8	HW 13	Lab 3, Group Quiz 4	HW 14,15	Benchmark 2(A1)
6/24-25		Project	Benchmark 2(A2)		

Grade Breakdown:

- 15% Group Quizzes
- 20% Web-based Homework Assignments
- 5% Scavenger Hunt and Group Project
- 10% 3 Labs
- 50% 2 Benchmarks
 - Benchmark 1: 14.1-14.7
 - Benchmark 2: 15.1-15.8

Grade	Minimum Percentage Required
A	90
B	80
C	70

More Information on Assignments

Group Quizzes: Group quizzes will be given periodically during the term. They will open at 12:01 AM the day they are due and close at 11:59 PM. You must work with at least one other student on Zoom to complete these. Credit will not be given without the attached Zoom log. Group quizzes are open book and open note. I will drop the lowest Group Quiz.

Homework Assignments: Homework assignments will be completed in Webwork. They are due Monday and Thursday at 11:59 pm EDT. The web homework gives you instant feedback, practice solving problems, and a reward for making the effort to learn. The due dates are listed in the system and you are encouraged to check the system daily for assignments. I offer the following advice as to how to be successful on the web homework component of your assessment.

Students may seek help solving WeBWorK problems from me, classmates, friends and tutors. However, students are cautioned to be certain that completing WeBWorK assignments is a learning experience whose goal is to understand the material at a level that will enable you to work similar problems on an exam. If you believe your answer to a question is correct, but WeBWorK marked it as incorrect, show me a copy of your solution. If the WeBWorK system does not give you appropriate credit, I certainly want to identify the problem and correct it. If you have made a subtle mistake, either mathematical or with respect to syntax

and how the software “reads” what you entered, I want to help you understand the mistake so that you can eliminate or minimize such errors.

Late homework will not be accepted outside of extreme circumstances. Extensions can be given on most homework assignments if requested 12 hours in advance.

Group Scavenger Hunt and Project: On the first Tuesday you will be given a scavenger hunt to work on with at least one other student in the class. Later in the course, you will work in groups of 2-4 on a group project. You will create a lecture video on either section 14.8 or 16.1 and 16.2. Then you will create 4-5 homework problems based on your lecture video. Late projects will not be accepted outside of extreme circumstances and no extensions will be given.

Labs: There will be labs for this course in which students will utilize software tools to enhance and deepen understanding of calculus concepts. The software tools Microsoft Excel, Desmos, and MATLAB may be used. Students register for these separately from lectures and discussions.

Benchmarks: Each Benchmark will be on a given set of sections of material, and while not explicitly cumulative, may implicitly be, given the nature of the material.

Benchmarks will consist of 6-7 problems each and each problem will be **full credit or no credit**. You must get all problems, except one, correct for credit on that Benchmark. You have two attempts to get full credit on Benchmark (with slight variations in the problems). A third attempt can be granted for a 15% reduction in credit, a fourth attempt can be granted for a 30% reduction in credit, and so on. Third or higher number of attempts must be scheduled outside of class.

Benchmarks must be taken on Zoom between 9 am and 10:10 am on the days in the schedule. They will be written to take an hour, though you can use the entire time. You should schedule a time to take third or later attempts 24 hours in advance.

If you must miss a Benchmark marked in red on the schedule above or that you have scheduled with me, you will be deducted one attempt (outside of extreme circumstances).