

MA 121: Elements of Calculus 10 Week Summer I – Section 051 – Online Delivery

Instructor: Ms. Catie Acitelli

Office Hours: Tues/Thurs 3:00 – 4:00 PM or by appointment via Zoom

Textbook : Bittinger, M. L., Calculus and its Applications (11th ed.).

Email: cbacitel@ncsu.edu

Zoom ID: 933 5879 0509; **Zoom PW:** MA121

Textbook Cost: \$46.00 (accessible via Moodle)

Course Description

A single semester calculus course. Emphasis on concepts and applications of calculus and basic skills. Algebra review, functions, graphs, limits, derivatives, integrals, logarithmic and exponential functions, functions of several variables, applications in management, and applications in biological and social sciences.

Prerequisite: MA 107, MA 111, or equivalent. Credit is not allowed in more than one of MA 121, 131, 141. MA 121 may not be substituted for MA 131 or MA 141 as a curricular requirement.

This class is taking part in NC State's All-In program. Course materials are delivered electronically on my Moodle site (see below). This is the most cost-effective way for you to get the materials you need to succeed in my course. You have free access to materials through the drop/add date. You must purchase access during that time using the link on my Moodle page to the bookstore's website. If you do not purchase access by the drop/add date, YOU WILL LOSE ACCESS TO THE COURSE MATERIALS and will then have to acquire the materials through another source.

Course Website

We will be using the *Moodle* learning management system (<http://wolfware.ncsu.edu>) for this course. You will login using your Unity ID and password. After the beginning of the semester, you will see a link to our course site. Once in the site, you can Bookmark or add the site as a Favorite in your web browser so that you can return directly to that page.

Course Communications

Modes of communication in use for this course include email, office hours, and Moodle discussion forums. Office hours will be held on Tuesday and Thursday via Zoom (see above).

- Moodle discussion forums will be used to facilitate class discussion. Check these forums often and please feel free to reply to your fellow students' posts.
- I will do my best to respond to weekday e-mails and posts within 24 hours. Email messages or posts left after 4 pm Friday will be responded to by the following Monday.
- If you would like to speak with me in person and you can't make it to my posted office hours, please email me to schedule a time that is convenient. Include several time slots that would work for you in your email.

Please be aware that ALL email communications for this course will be sent to your NCSU unity email. If you do not regularly use your ncsu.edu account, there are settings within Gmail that allow you to forward your e-mail to another account. For more information see: <https://oit.ncsu.edu/my-it/email-calendaring/email-forwarding/>

Video Lectures

Course delivery is completely asynchronous, aside from Office Hours. You can watch the lecture videos (accessible via Mediasite on the Wolfware homepage) on your own time, but be sure you are sticking to the pacing guide. Video lectures were recorded during my MA121 class in the Fall 2019 semester. While the content and Webassign references have not changed, the reminders, test averages, etc. have. I will post an announcement at the beginning of each week with reminders and important information for the week. Please keep up with the Moodle forums.

You are responsible for watching two to three lecture videos a week. They are 60-75 minutes in length apiece. Manage your time wisely. See the pacing guide for specifics. I have provided a weekly pacing guide and a calendar. If you prefer to have a daily outline of what to do, use the calendar. If you prefer to see what you need to accomplish each week, use the pacing guide.

Notes from the lecture videos will also be posted on Moodle week by week.

Testing Procedures

There are four "in-class" tests and a final exam (see below for dates). They are all open-note, but closed internet. This means that you need to be taking your own notes as you watch the lecture videos. The tests will be open from 12:01AM – 11:59PM on the date of the test. You are to pick your own 90-minute window in which to complete the tests (3 hour window for the final exam). This 90-minute (or 3 hour) window does not include scanning/uploading your test to the Moodle submission box.

Weekly Quizzes

There will be weekly quizzes (2-5 questions) on Moodle to be sure that you are keeping up with the lecture videos. The questions will directly reflect what you watched in the videos that week, and they will be due on Sunday nights at 11PM. Weekly quizzes make up 5% of your total average.

Scanning Your Assignments

You need access to a scanner. This can be a free smartphone app (JotNot, CamScanner, Adobe Scan, Tiny Scanner, etc.) or some other method. When you submit your assessments, they need to be a single PDF. If you are unable to convert your scans to a PDF on your app, upload them to your computer and combine them via Preview, Adobe, or a website like combinepdf.com. The submission box for tests will only accept a single PDF, so make sure you know how to do this prior to your first test.

Homework Policies

Homework will be done through WebAssign (webassign.ncsu.edu). To use WebAssign, you will need to purchase an access code online via credit card. The access code costs around \$30 per course.

Note that your end-of-semester WebAssign average will be the total number of points you earned divided by the possible number of points. This means some assignments with many possible points are worth a larger percentage of your grade.

If you have a homework question that the whole class may benefit from hearing the answer to, please post on the "Homework Discussion Forum" on Moodle. I will check this forum often to respond to open questions. You should also check frequently to answer or ask questions.

If you have a homework question that is very specific to the work you have done (i.e. if you nearly finished your work but got stuck towards the end), you can email me with your question. Please include a scan or picture of your work.

If I receive an email with a question more appropriate to the forum, I may copy and paste the question there without identifying the student who sent it.

Homework assignments are due at 11PM on the day of the test. If you need an extension, please email me before the test/due date. I will grant one 24-hour Webassign extension (of all assignments due that day) per student without penalty.

Final Grade Calculation

There are 7 components to this course: homework, weekly quizzes, four 1-hour tests and one 3-hour final exam. These components will be weighted as follows.

Homework: 15%

Your WebAssign average is calculated as the points you earned at the end of the semester divided by the total points possible throughout the semester. It is NOT calculated on an assignment by assignment basis. This means some assignments are worth more than others; pay attention to how many points each one is!

Weekly Quizzes: 5%

These are done through Moodle every week and range from 2-5 questions. Due every Sunday.

One hour tests: 60%

Each test is worth 15% of your grade. Your tests are on **June 1st**, **June 15th**, **July 6th**, and **July 20th**.

Final Exam: 20%

Your lowest test grade will be replaced by your final exam grade if the final exam grade is higher. In this case, your final exam will be worth 35% of your final average. Your final exam is **July 27th**.

This course uses standard NCSU letter grading (with **NO ROUNDING**):

$90 \leq A- < 93$	$93 \leq A < 97$	$97 \leq A+ \leq 100$
$80 \leq B- < 83$	$83 \leq B < 87$	$87 \leq B+ < 90$
$70 \leq C- < 73$	$73 \leq C < 77$	$77 \leq C+ < 80$
$60 \leq D- < 63$	$63 \leq D < 67$	$67 \leq D+ < 70$
	$0 \leq F < 60$	

Unity ID and Password

Students need to be familiar with their *Unity ID* and *password* to login to the Moodle course site or to access lecture recordings and other university-provided resources. Refer to online information at: <http://oit.ncsu.edu/unityid> or contact the NCSU HELP desk at (919) 515-HELP or HELP@ncsu.edu for assistance.

Academic Integrity

Students are required to comply with the university policy on academic integrity found in the Code of Student Conduct found at <http://policies.ncsu.edu/policy/pol-11-35-01>

The NCSU Student Code of Conduct covers all work done in this course.

Any suspected violations will be promptly reported. Academic dishonesty will result in an automatic failing grade for the course.

You are encouraged to work together on homework assignments, but you must submit your own work. You may not work together for tests.

Course Evaluations

A formal evaluation is conducted by the University at the end of the semester and the goal is to achieve 100% class participation in this survey. Online class evaluations will be available for students to complete during the last two weeks of class. Students will receive an email message directing them to a website where they can login using their Unity ID and complete evaluations. All evaluations are confidential; instructors will never know how any one student responded to any question, and students will never know the ratings for any particular instructor.

Accommodations for Disabilities

Reasonable accommodations will be made for students with verifiable disabilities. In order to take advantage of available accommodations, student must register with the Disability Services Office (<http://www.ncsu.edu/dso>), 919-515-7653. For more information on NC State's policy on working with students with disabilities, please see the Academic Accommodations for Students with Disabilities Regulation at <http://policies.ncsu.edu/regulation/reg-02-20-01>.

Non-Discrimination Policy

NC State University provides equality of opportunity in education and employment for all students and employees. Accordingly, NC State affirms its commitment to maintain a work environment for all employees and an academic environment for all students that is free from all forms of discrimination. Discrimination based on race, color, religion, creed, sex, national origin, age, disability, veteran status, or sexual orientation is a violation of state and federal law and/or NC State University policy and will not be tolerated. Harassment of any person (either in the form of quid pro quo or creation of a hostile environment) based on race, color, religion, creed, sex, national origin, age, disability, veteran status, or sexual orientation also is a violation of state and federal law and/or NC State University policy and will not be tolerated. Retaliation against any person who complains about discrimination is also prohibited. NC State's policies and regulations covering discrimination, harassment, and retaliation may be accessed at <http://policies.ncsu.edu/policy/pol-04-25-05> or http://www.ncsu.edu/equal_op/. Any person who feels that he or she has been the subject of prohibited discrimination, harassment, or retaliation should contact the Office for Equal Opportunity (OEO) at 919-515-3148.

Copyrighted Materials

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Disclaimer

This syllabus is subject to change. Last update: 5/11/2020.