

MTH 132 Syllabus - Spring 2021

Quick Links: [D2L Home](#) / [Supplies](#) / [Schedule](#) / [Grades](#) / [Absences](#) / [Other Important Policies](#) / [Navigator](#)

Welcome! Introduction to Team-Teaching

Welcome MTH 132 students! We have an excellent group of instructors prepared to help every student achieve their goals. MTH 132 is designed to take advantage of the online learning environment and give all students a variety of flexible options to learn calculus. You can learn from all of 13 members of the [MTH 132 Teaching Team](#), with a variety of synchronous (live) and asynchronous (recorded) options. You can choose from a variety of live lectures, tutors in the Math Learning Center and the Piazza web forum, and Friday recitation leaders, or you can complete the course completely asynchronously (with no live interaction). You will have Checkpoint, WebWork, and Weekly Wrap-up assignments, an optional project, and video-proctored quizzes and exams in D2L.

There are lots of ways to [Get Help](#) from the MTH 132 Teaching Team!

Get help with:	Examples:	How to get help:
Math questions	WeBWork, notes, quizzes/exams	Post on Piazza
Need a Tutor?	free tutoring for all students	Visit the MLC (Math Learning Center)
Meet with an Instructor	extra help, study advice, individual issues (come visit for any reason!)	Visit Office Hours
Logistics questions	policies and procedures, due dates	Post on Piazza
Tech questions	Zoom, WeBWork, OneNote, D2L	Post on Piazza
Issues with D2L Checkpoints, Wrap-ups, Quizzes/Exams	D2L errors, grading questions, Respondus/LockDown issues.	Submit a D2L Issue Form
Project: Math	Meet with an instructor (the project author) for anything related to the project solution	Submit a Project Study Session Form
Project: Logistics	Finding/enrolling in group, group member issues, submission issues, grade questions	Submit a Project Logistics Form
Individual questions	grades, absences, personal issues RCPD accommodations, or special circumstances	Email an instructor: MTH 132 Teaching Team
MSU Counseling and Psychiatric Services (CAPS)	Resources to support your growth and well-being in a time of uncertainty	CAPS Homepage CAPS Virtual Care Kit

Supplies

Lecture Notes

A complete set of fill-in-the-blank [Course Notes](#) is available on D2L, used for [Intro Video Lectures](#) and as a framework for the [Live Lectures](#). You can use these electronically or with paper and pencil.

Lecture Notes ORGANIZATION: Look at pg. 4 of the Chapter 1 notes and you'll see the following example:

Example 4.2: Let $f(x) = \sqrt{x+1}$. Find the slope of the secant line joining the points (3, f(3)) and (8, f(8)).

In other course materials, this example will be referred to as **Example 1.4.2:** Chapter 1, Section 4, Example 2

WebCam

Any type of webcam on your laptop / desktop is necessary for the Respondus exam monitoring software. Order immediately if you don't already have one, to have it in time for the first quiz. Delivery may be delayed.

Internet

A [fairly fast internet connection](#) is crucial.

WeBWork Online Homework (<http://www.math.msu.edu/webwork>)

Visit link for cost, payment, and login information. **Payment will open 1/25/21. You have free access until 2/12/21.** Missed homework deadlines cannot be extended. **WeBWork will activate on the first day of class (1/11/21).**

Respondus Lockdown Browser

Respondus is proctoring software that will record your proctored quizzes and exams and alert instructors of suspicious behavior (using a cell phone, leaving view of the camera, etc.). Instructors will review video recordings to ensure academic honesty. Take [Practice Quiz 0](#) before your first graded quiz to download Respondus.

Calculator

A calculator is allowed on quizzes and exams, and a free software calculator is provided within the LockDown browser. Calculators with graphing and calculus capabilities are not allowed. Here is a list of [Approved Calculators](#).

Printer (RECOMMENDED)

Fill-in-the-blank Course Notes (PDF) are available on D2L. Many students print these prior to watching the videos / attending class. The notes for each chapter are provided as a single PDF so that you can have them affordably printed and bound by the MSU Library, FedEx Kinkos, or any other printing service.

Textbook (RECOMMENDED)

The recommended course textbook is [Calculus 1: MTH 132 MSU custom edition \(ISBN: 9781305008694\)](#), based on [Calculus 7th Edition by Stewart](#). The textbook is a rich source of explanations, illustrations, and practice problems, but it is not required for any course assignments. Other versions new/used/electronic contain similar resources. A free, concise summary of each textbook section is provided in the [Textbook Notes](#).

Schedule and Learning Structure

The [Navigator](#) contains links to all resources and assignments, covering the [Learning Objectives](#).

Intro Video Lectures

The main concepts and basic calculations for each topic are explained in the [Intro Videos](#), following the [Course Notes \(fill-in-the-blank\)](#). Watch each video and follow along by filling in your own copy of the notes. Afterwards, answer several questions directly from the videos on the corresponding [Intro Video Checkpoint](#).

Live Lectures

[Live Lectures](#) on Monday and Wednesday will expand on the Intro Videos through a variety of examples, demonstrations, and explanations. All lectures will be recorded and posted to D2L. There is no attendance grade.

Live Recitation

Friday [Recitations](#) mainly involve a group activity to review and organize content. Recitation attendance is not required, but recitations will not be recorded. You can also complete the recitation work during class or on your own. Afterwards, answer several questions directly from the activity on the [Weekly Wrap-up](#).

Webwork

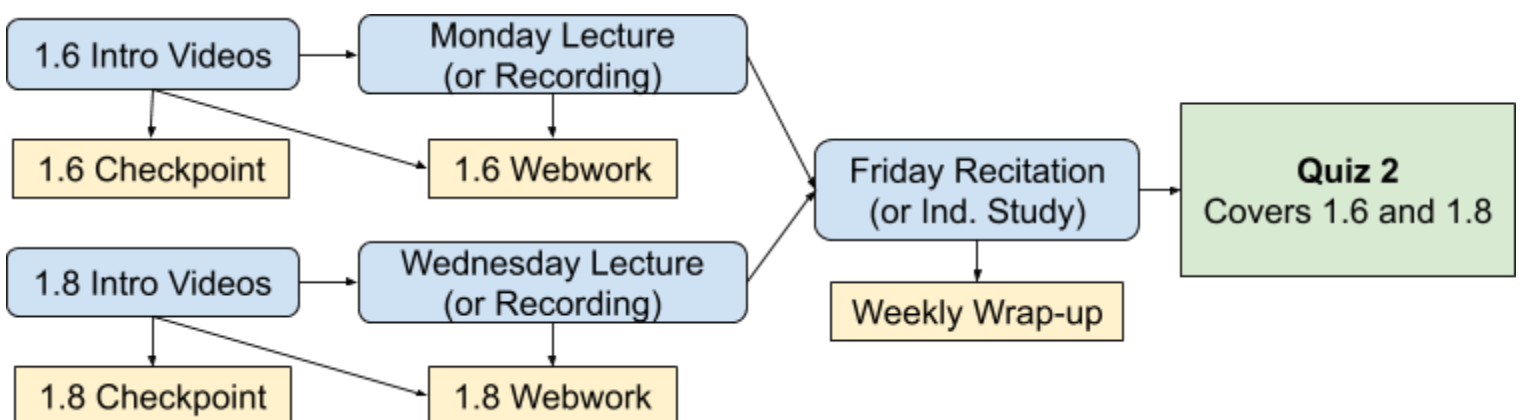
The crucial step in learning is to do problems yourself. Each topic will have a [Webwork](#) problem set. There are lots of supports to help you: free tutors at the [Math Learning Center](#) and Q&A on the [Piazza](#) web forum.

Webwork also has special “Achievement Items” (see the Webwork tutorial) that unlock free answers and extended deadlines. For proper practice, as much as possible avoid relying on calculators, the internet, or a tutor, but get help when you need it. Successful students can complete every homework problem on their own, after they have completed them with help, whether in 2, 3, or 9 attempts. Don’t give up!

Weekly Quiz

There will be a [Quiz](#) each week (except on Exam weeks). Quizzes and exams are listed on the [Schedule](#).

Example Workflow (Week 2)



Time Commitment

Calculus is difficult to learn. Successful students typically study 8-16 hrs per week, but you may need more:

- 4 hours of Intro Videos and Live Lectures
- 2-4 hours of Recitation, reading, and studying
- 2-8 hours of homework

We are here to help you succeed, and we are eager to answer your questions whenever anything is unclear.

Grades

Intro Video Checkpoints

There is an [Intro Video Checkpoint](#) for each lesson in the [Schedule](#). Each Checkpoint will include several examples taken directly from the Intro Videos. No makeups or extensions, but your six (6) lowest Checkpoint scores will automatically be dropped (see absence policy below).

Weekly Wrap-ups

There is a [Weekly Wrap-up](#) due every Friday, which will include several examples taken directly from the recitation activity, which you can complete during Friday Recitation or on your own. No makeups or extensions, but your three (3) lowest Wrap-Ups will automatically be dropped (see absence policy below).

WeBWorK Homework

Start working on each WeBWorK homework set immediately after that section is covered. WeBWorK assignments are due two (2) days after each lesson (due dates listed in WeBWorK). Every student receives a 5% bonus to account for missed assignments caused by [any special circumstances](#). No deadline extensions or extra attempts on problems. Special "Achievement Items" are described in the Webwork Tutorial assignment, but they must be used before the last day of class (12/11/20). See [Supplies](#) for more cost, payment, and login information.

Project

The [Project](#) is a group assignment that challenges students to explore deeper connections between the calculus content and real-world problems, alternate perspectives, or creative contexts. Students will work in groups of 3-5 and will be able to select one project from a list of more than 30. Computers and technology are welcome.

- Full details will be posted to D2L on **Tuesday, February 9**, including instructions for finding a group, the list of projects, a grading rubric, and suggestions/resources.
- A Project Progress Report will be due on **Sunday, March 14** (details available after February 9).
- The Final Project Submission will be due on **Sunday, April 11** (details available after February 9).
- An alternate grading scale is provided for students who choose not to complete the project (see below).

[Quizzes](#)

There are 11 quizzes, listed on the [Schedule](#). Quizzes are meant to prepare you for the exams and contain similar style and difficulty questions. Quizzes are proctored using Respondus and timed at 30 minutes, available from 12:00am-11:59pm on Fridays. No makeups or extensions, but your three (3) lowest Quizzes will automatically be dropped (see absence policy below). Detailed rules are in the [academic integrity policy](#).

Exams

There are 3 exams listed on the [Schedule](#), which must be **started** from 7:00pm-8:30pm. You are given 60 minutes from the time you start the exam, plus a 15 minute grace period to accommodate unexpected delays (internet, etc.). In total, you have 75 minutes to submit your exam from the time you start the exam within the LockDown browser (not counting the time it takes to do the Respondus load up).

The Exams are proctored using Respondus (webcam required). Detailed rules are in the [academic integrity policy](#).

Submit an [Alternate Exam Time Request](#) if you are unable to take the exam at the scheduled time. Requests for students in other time zones are generally granted. If approved, a makeup exam will be scheduled within 48 hours of the original exam time. **Accommodation requests must be submitted at least 1 week before the exam date.**

Students who miss the exam without an acceptable excuse may take a makeup exam the next day but with a maximum score of 70% and no partial credit awarded.

Your lowest exam score will be automatically dropped and replaced by the final exam score, only if it improves your grade. The dropped exam is meant to account for any special circumstances that cause students to miss an exam.

Final Exam

All students are required to take the cumulative Final Exam to pass the course. The Final Exam will be proctored using the Respondus system. Detailed rules are in the [academic integrity policy](#).

The Final Exam is Tuesday, April 27, 2021 from 10:00am - 12:00pm EST.

Submit an [Alternate Exam Time Request](#) if you are unable to take the Final Exam at the scheduled time. Requests for students in other time zones are generally granted. **Accommodation requests must be submitted at least 2 weeks before the final exam date.**

Overall Grade Computation

Grade Distribution with Project

Intro Video Checkpoints (6 drops)	Weekly Wrap-ups (3 drops)	Webwork Homework (5% free)	Quizzes (3 drops)	Project	Exams (3 Exams; lowest dropped and replaced by final exam)	Final Exam
2	3	15	25	10	30	15

Grade Distribution without Project (or if your project grade is dropped)

Intro Video Checkpoints (6 drops)	Weekly Wrap-ups (3 drops)	Webwork Homework (5% free)	Quizzes (3 drops)	Project	Exams (3 Exams; lowest dropped)	Final Exam
2	3	15	25	0	35	20

All students must take the final examination in order to pass the course.

Final grades will be determined according to the following scale:

4.0 Grade	0.0	1.0	1.5	2.0	2.5	3.0	3.5	4.0
% Grade	[0,55)	[55,60)	[60,65)	[65,73)	[73,80)	[80,85)	[85,90)	[90,100]

Extra Credit

For extra credit, you are encouraged to take the initial-course survey during the first week of class, and the post-course survey during the last week of class. Links to be posted on D2L. No extensions. Each completed survey contributes at least 0.5% to the overall course grade, which may round a borderline grade such as 89.2% (3.5) upward to 90.2% (4.0). No other extra credit is available from any instructor.

Partial Credit on Quizzes / Exams

On Quizzes and Exams, you can earn partial credit on incorrect answers by submitting your written work:

1. Before submitting Quiz/Exam, hold your work in front of your webcam so it can be recorded by Respondus.
2. After submitting Quiz/Exam and closing Respondus browser, scan and upload your work to D2L.

Guidelines for Partial Credit submissions:

- They are optional: correct answers earn full credit with no work submitted.
- Must be uploaded within 15 minutes of quiz submission.
- Partial credit is capped at 20% of the total (2pts on quizzes; 20pts on exams).
- Only available for problems in the “partial credit” section of the Quiz/Exam.
- Only awarded for work that is consistent with the answers submitted on the timed quiz.
- Only one PDF file may be submitted. [PDF.io](https://www.pdf.io/) is free and can merge PDFs into a single file easily.
- Work must be organized, with problems clearly labelled.

We recommend Adobe Scan, Dropbox Scan, or CamScanner, but any scan app is acceptable.

Absences, Technology Issues, and COVID Policies

We understand students miss course work for many legitimate reasons, including: COVID-related difficulties, illness of self or loved ones, childcare issues, family obligations, or technology issues. We want to give you the best chance to succeed, but with thousands of students, we cannot schedule individual deadline extensions or make-ups for quizzes, projects, and other assignments. [Alternate exam times](#) available by advance request (w/ documentation).

Instead, we provide flexibility for students with a lenient [dropped score policy](#), described above. Under this policy, a student can miss close to 3 weeks of classes with little impact on their overall grade, so long as they learn the missed material for the Final Exam. If a student misses more than 3 weeks of classes, this will inevitably lower their grade, and the Math Department cannot grant more leniency for any reason. Students missing excessive course work due to illness should meet with an academic advisor about the University Medical Leave Withdrawal Policy and other University support resources.

Students will be notified of any changes to our teaching roster because of instructor illness or absence.

Other Important Policies

[A full list of policies \(accommodations, academic integrity, etc.\) that govern MTH 132 is listed on this webpage.](#)