

MATH 1552 COURSE SYLLABUS, FALL 2020

COURSE SYLLABUS MATH 1552, INTEGRAL CALCULUS SCHOOL OF MATHEMATICS GEORGIA INSTITUTE OF TECHNOLOGY

Welcome to Integral Calculus! This course is designed to introduce you to the fundamental concepts of integration and infinite series. All our students play an important role in our educational mission. We hope that you will find this to be a useful, fundamental course for your future studies.

We want to support your success in this course! If there is anything you would like for us to know about your situation, please contact your instructor directly.

Course Description and Learning Outcomes

Course Title: Integral Calculus

Learning Objectives:

- Students will understand the geometric concept of a definite integral and learn how to approximate the integral using Riemann sums.
- Students will be able to evaluate indefinite and definite integrals algebraically using various integration techniques, including substitution, integration by parts, trigonometric substitution, trigonometric identities, and partial fractions.
- The idea of convergence will be applied to improper integrals and infinite series.
- Given an infinite series, students can analyze the function to determine if the series converges by applying an appropriate convergence test (divergence, comparison, integral, ratio or root).
- Taylor series will be constructed for various functions and will be applied to numerical approximation problems and definite integrals.
- Students will understand the proper usage of mathematical notation in relation to the above topics.

Textbook: Thomas, *Calculus: Early Transcendentals*, 14th ed. We will discuss topics in chapters 5, 6, 7, 8, and 10.

Important Websites:

Course Information: <http://canvas.gatech.edu> (required)

Textbook/Homework Access: <http://www.mymathlab.com> (required, access through Canvas)

On-line Discussions: www.piazza.com (highly recommended, access through Canvas)

MyMathLab Course Information: We will be utilizing MyMathLab (MML) for homework through a joint code for the Thomas *Calculus* text and the Lay *Linear Algebra* text. Our MML course is linked to Canvas. Please login to your Canvas account, then go to the "My Lab and Mastering" tool on the left-hand menu. From the My Lab page, you can login to, or create, your MyMathLab account to access our course. You should not need to enter a course ID.

Important notes on MML:

- If you already have an account on MyMathLab using this combined textbook within the past 18 months, then you do not need to purchase a new code. Login to your account on MyMathLab, select

MATH 1552 COURSE SYLLABUS, FALL 2020

the option to add a new course, and enter our course ID.

- If you do not have a MyMathLab account using the Thomas or Lay textbooks, or if your account is over 18 months old, you will need to purchase a new code for our course. Please refer to the registration document, located in the “Resources” section on Canvas, to create your new account.

When signing up for MyMathLab, it will be immensely helpful (for grading purposes) if you will set your STUDENT ID to your USERID for the GT system (i.e., your Canvas USERID, as in “gburdell3”, etc).

MyMathLab comes with an entire electronic version of the textbook; it is your choice if you would also like to own the textbook in print. You may purchase a MyMathLab code either from the bookstore or on-line while registering at <http://www.mymathlab.com>. If you prefer to own a hardcopy of the text, the bookstore offers packages of MyMathLab combined with a loose-leaf or hardcover version of the Thomas textbook that is less expensive than purchasing the text and code separately.

PLEASE NOTE: GEORGIA TECH HAS A SPECIAL CODE PACKAGE THAT INCLUDES BOTH TEXTBOOKS. THIS CODE CAN ONLY BE PURCHASED THROUGH THE CAMPUS BOOKSTORES OR DIRECTLY FROM PEARSON. CODES PURCHASED BY OTHER VENDORS WILL NOT WORK! Possible ISBNs for this text are: 9781323835029, 132383768X, or 9781323837689.

Course Organization

This course will consist of **synchronous** lectures and studios. Lectures will run in a fully online format, while studios will run mostly online, with a scheduled touchpoint. Lectures and studios will be held either on BlueJeans or Microsoft Teams. Your instructor and TA will send you links to the class sessions. Lectures will be recorded, and portions of the studios will also be recorded.

In-Person Studio Format and Attendance

- There will be one in-person studio session (touchpoint) to review for the final exam. This review is tentatively scheduled for Tuesday, November 24.
- The in-person sessions will also be on BlueJeans synchronously and will be recorded.
- The in-person attendance of these sessions is not mandatory.
- Unfortunately, a studio room does not have enough space to accommodate an entire section at the same time, due to the social distancing requirements. We will conduct a survey as the time approaches, and we will accommodate as many students as we can.
- This in-person studio is tentative and may be changed or canceled, and additional touchpoints may be added, depending on the pandemic situation and other campus conditions.

Tutoring and Academic Support will also provide our class with a PLUS ("Peer Led Undergraduate Study") leader. PLUS sessions will also meet twice per week. These sessions are optional, but strongly encouraged.

Course Requirements and Grading

LECTURE: A pre-lecture recording will be posted at least 24 hours in advance of each lecture, beginning with the lecture on August 24. Students are expected to watch the videos prior to each scheduled lecture. Short quizzes on the lecture material will be embedded into the videos and will count toward the lecture grade.

MATH 1552 COURSE SYLLABUS, FALL 2020

DISCUSSION POSTS: Each student will be expected to either ask an in-depth, valuable question OR provide an accurate, thorough answer to a post on the class discussion thread on Canvas. Students are expected to post questions or answers six times during the term on six different weeks, beginning on the second week of classes and ending the week of November 16. An optional introduction assignment will be due on Monday, August 24. Completion of this assignment can count as one of the six discussion posts. Each post will be scored on a 0-2 rubric. The total score for all discussion posts will count as one quiz grade in determining the final average. ***Please note: discussion posts are NOT ALLOWED on quiz or test dates, and any questions posted about a quiz or test on those dates will be considered as academic misconduct.***

HOMEWORK: A short welcome survey will be posted on the first week of class. Completing this survey counts as your first homework assignment. Beginning on the second week of class, homework will be assigned on-line and will consist of exercise problems on MyMathLab. You are expected to understand **all** homework problems for the tests and quizzes. In order to increase the effectiveness of studio, you should attempt the problems **before** the weekly studio sections. Exercises on MyMathLab will be due on Tuesdays at 11:59 PM EDT (with a few exceptions as posted on the course schedule, or as announced in class). Each assignment contains problems that count toward the grade, and extra practice problems to help you prepare for the tests. **Late homework will be accepted with a 20% deduction per day.** Please note: *the final graded homework assignment will be due on Tuesday, November 17.*

ONLINE TESTS: We will have two tests during the term, administered online during the lecture time. Tests will be available through Canvas and require a lockdown browser and proctoring service. The tests will be composed of multiple choice, short answer, and free response questions that may require a file upload showing your work. Tests will be held on the following dates:

- **Test 1:** Wednesday, October 7
- **Test 2:** Friday, November 20

No books, notes, calculators, cell phones, or other electronic devices are allowed during the tests. **Showing work is required on all free-response questions. As writing mathematics properly is part of learning Calculus, points may be deducted for incorrect mathematical notation.**

ONLINE QUIZZES: Five 30-minute, online quizzes will be administered during the semester. Quizzes will be held on the following Thursdays:

- **Quiz 1:** Thursday, August 27
- **Quiz 2:** Thursday, September 10
- **Quiz 3:** Thursday, September 24
- **Quiz 4:** Thursday, October 22
- **Quiz 5:** Thursday, November 5

Students are expected to take the quizzes during the scheduled studio times on these dates. Quizzes will be timed and must be taken online through Canvas. Quizzes require a lockdown browser and proctoring service. The quizzes will be composed of multiple choice and short answer questions. Supporting work will not be required to be submitted on the quizzes. **No partial credit will be awarded for incorrect answers.**

FINAL ORAL EXAM: Students who wish to improve their score may schedule a virtual oral examination with their professor or TA during the final exam week. The oral exam will last for approximately 30 minutes and will be personalized for each student depending on their prior test and quiz performance. Students who wish to take advantage of this opportunity to improve their course grade must have access to a web camera

MATH 1552 COURSE SYLLABUS, FALL 2020

and internet service in order to participate in the virtual session.

Your final average will be computed as follows:

Assessment	Option 1: No final exam	Option 2: Take final exam
Lecture	10%	10%
Homework (drop lowest)	10%	10%
Quizzes	30%	25%
Tests	50%	40%
Final Exam	0%	15%

Letter grades will be determined based on the following intervals. You are guaranteed a minimum of the following scale, but do not expect any deviation:

A: 90% and higher, B: [80%, 90%), C: [70%, 80%), D: [60%, 70%), F: [0%, 60%).

Adjustments, if any, to the above scale will be standardized by the department, not the individual instructors.

Midterm grades will be assigned on **September 28**. A satisfactory grade will be assigned to all students with a midterm average of 70% or higher (based on the above weighting of grades).

Extra credit: You may earn up to four (4) points throughout the semester for volunteering to present a problem during the studio class period, beginning on the second week of classes. These points will be added onto your highest test grade at the end of the term. Please note, the TAs will try to give all students a chance to earn these points, so students who have not yet earned points will be prioritized. Grades above 100% on the highest test will be permitted with this extra credit opportunity.

Each lecture class that completes the course instructor opinion survey (CIOS) with a response rate of 85% or higher before 6:00 pm on November 30 (prior to the administration of the final exam) will be given the option to drop the lowest quiz grade.

As this course is a coordinated class, your instructor will be unable to offer you any additional extra credit opportunities during the term.

Class Policies

In-class Attendance: You are expected to come prepared and actively participate in the class sessions. In the event of an absence, you are responsible for all missed materials, assignments, and any additional announcements or schedule changes given in class.

Class disruptions of ANY kind will NOT be tolerated and may result in your removal from the classroom and/or loss of participation points for that day.

Please show courtesy to your fellow classmates and instructor or teaching assistant by adhering to the following class rules:

- Turn off all laptops, cellular phones, i-pods and other electronic devices, unless you have a *documented* need to use such devices for note-taking, during class.
- Come to class on time and stay for the entire class period.
- Follow institute guidelines with respect to social distancing and mask wearing in the classroom. **Face coverings are required in the classroom.** Failure to adhere to this policy will result in disciplinary action.

MATH 1552 COURSE SYLLABUS, FALL 2020

- Refrain from conversing with your fellow students.
- Put away any reading materials unrelated to the course.

Health-Related Considerations: Please see information about health-related concerns at <http://health.gatech.edu/coronavirus/students>. In particular, all students are asked to perform a self-assessment prior to coming to campus each day. Please do not come to an in-person studio if you are sick.

FACE COVERINGS: Effective July 15, 2020, University System of Georgia (USG) institutions will require all faculty, staff, students, and visitors to wear an appropriate face covering while inside campus facilities/buildings where six feet social distancing may not always be possible. All members of the campus community will be provided reusable cloth face coverings.

Face covering use will be in addition to and is not a substitute for social distancing. Anyone not using a face covering when required will be asked to wear one or must leave the area. Refusal to comply with the requirement may result in discipline through the applicable conduct code for faculty, staff or students. There are a few exemptions. Reasonable accommodations may also be made for those who are unable to wear a face covering for documented health reasons.

For more information about face masks and coverings, review the guidelines from Human Resources.

NETIQUETTE: Netiquette is the etiquette of online behavior. In all means of online communication, you will need to follow the same rules of behavior as you would in a face-to-face course when communicating with the other students, teaching assistants, and instructors in the class. This means that you must show respect for others: negative personal comments are strictly prohibited. Please also respect your fellow classmates by turning off your microphone and web cam when appropriate. If it is appropriate to turn on your web cam, be sure that you are wearing appropriate clothing. During class sessions you may ask questions in the Q&A or chat; however, spamming the chat or posting inappropriate content will result in your displacement from the virtual session.

Digital Proctoring: This course will use digital proctoring for all quizzes and exams. The following are required of students: Please refer to these important Honorlock technical requirements:

- o Students must have a broadband internet connection
- o Students must have a webcam and microphone
- o Students must have a secure private location to take an exam
- o Students will be asked to provide a picture ID and take a picture of themselves via a webcam as part of the exam process
- o Honorlock is not compatible with Linux OS, Virtual Machines, tablets, or smartphones
- o Honorlock requires the installation of Google Chrome and the Honorlock Chrome extension

If your current situation does not allow for Honorlock proctoring, please contact your instructor as soon as possible to discuss alternate proctoring arrangements.

Honorlock will proctor your exams this semester. Honorlock is an online proctoring service that allows you to take your exam from the comfort of your home. You DO NOT need to create an account, download software or schedule an appointment in advance. Honorlock is available 24/7 and all that is needed is a computer, a working webcam, and a stable Internet connection.

To get started, you will need Google Chrome and to download the Honorlock Chrome Extension. You can download the extension at www.honorlock.com/extension/install

When you are ready to test, log into Canvas, go to your course, and click on your exam. Clicking "Launch Proctoring" will begin the Honorlock authentication process, where you will take a picture of yourself, show

MATH 1552 COURSE SYLLABUS, FALL 2020

your ID, and complete a scan of your room. Honorlock will be recording your exam session by webcam as well as recording your screen. Honorlock also has an integrity algorithm that can detect search-engine use, so please do not attempt to search for answers, even if it's on a secondary device.

Group Work and Respecting Others: You may find yourself working in groups many times in this course, either during studio sessions or studying with your peers. In all forms of group work, it is important to respect one another. Some examples of positive collaborative behavior include:

- (1) Allowing all group members to speak frequently. Please check in with each other to ensure that everyone is following along and has a chance to contribute.
- (2) Respecting everyone's pronouns and their unique identities.
- (3) Acknowledging that everyone in the group deserves credit for your final solutions.

If you are assigned to a group that does not follow these behaviors, or if you feel that you are not respected by your group, please let us know.

Recordings of class sessions and required permissions: Due to Covid-19 concerns and the increased use of distance learning, our class sessions may be audio visually recorded for use by enrolled students. Class recordings, lectures, and other classroom presentations presented through video conferencing and other materials posted on Canvas are for the sole purpose of educating the students enrolled in the course. Students may not record or share recordings, including screen capturing, unless the instructor states so or individual permission is obtained. Exams and tests may require students to engage the video camera, but those recordings will not be shared with or disclosed to others without consent unless legally permitted. Additional information may be found [here](#).

- For classes where participation is voluntary, students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded.
- For classes requiring class participation, if students are identifiable by their names, facial images, voices, and/ or comments, written consent must be obtained before sharing the recording with persons outside of students in the class.

Academic Dishonesty: All students are expected to comply with the Georgia Tech Honor Code (the honor code can be found at <http://osi.gatech.edu/content/honor-code>). Any evidence of cheating or other violations of the Georgia Tech Honor Code will be submitted directly to the Dean of Students. Cheating includes, but is not limited to:

- Using an unapproved calculator, books, or any form of notes on tests.
- Collaborating during an online quiz or test.
- Using any third-party websites such as Chegg and CourseHero to obtain answers to graded problems.
- Copying directly from **any** source, including friends, classmates, tutors, internet sources, or a solutions manual.
- Allowing another person to copy your work.
- Taking a test or quiz in someone else's name, or having someone else take a test or quiz in your name.
- Asking for a regrade of a paper that has been altered from its original form.
- Using someone else's account to gain attendance or homework points for them, or asking someone else to use your account for any graded homework or attendance submission.

Regrading of Papers: If a problem on your quiz or test has been graded in error, you must submit a regrade request through email to your course instructor no more than *one week* after the quizzes or tests have been returned in class. A regrade request should only be submitted if you have done something CORRECT on your quiz or test that has been marked as incorrect. ***Papers submitted for regrades could be adjusted up or down***, so please make sure to check the solutions before requesting a regrade.

MATH 1552 COURSE SYLLABUS, FALL 2020

Make-Ups: In an emergency situation, a make-up test or quiz may be allowed if your instructor is notified prior to the class period and provided with a reasonable, **written** confirmation of your absence. Any make-ups must be completed before the corresponding test has been graded and returned to other students. If you will miss a test due to a university-sponsored event or athletics, please provide your instructor with the official documentation in advance.

Students with Disabilities and/or in need of Special Accommodations: Georgia Tech complies with the regulations of the Americans with Disabilities Act of 1990 and offers accommodations to students with disabilities. If you are in need of classroom or testing accommodations, please make an appointment with the Office of Disability Services to discuss the appropriate procedures. More information is available on their website, <http://disabilityservices.gatech.edu/>. Please also make an appointment with your instructor to discuss your accommodation, if necessary.

Calculators: While you may need a calculator for help with some of the homework problems, the use of calculators is NOT ALLOWED on assessments.

Announcements: *You are responsible for obtaining any announcements or materials placed on the course Canvas pages.* Please see the list of important websites on the first page of the syllabus.

Additional Help: *Asking questions is a key to success!* Please stop by your instructor's or TA's office hours whenever you have questions. Free help is also available Monday-Thursday afternoons through the virtual Math Lab. Please find details at: <http://success.gatech.edu/drop-tutoring-help-desks> .

Campus Resources for Students

In your time at Georgia Tech, you may find yourself in need of support. Below you will find some resources to support you both as a student and as a person.

Academic support

- Center for Academic Success <http://success.gatech.edu>
 - 1-to-1 tutoring <http://success.gatech.edu/1-1-tutoring>
 - Peer-Led Undergraduate Study (PLUS) <http://success.gatech.edu/tutoring/plus>
 - Academic coaching <http://success.gatech.edu/coaching>
- Residence Life's Learning Assistance Program
<https://housing.gatech.edu/learning-assistance-program>
 - Drop-in tutoring for many 1000 level courses
- OMED: Educational Services (<http://omed.gatech.edu/programs/academic-support>)
 - Group study sessions and tutoring programs
- Communication Center (<http://www.communicationcenter.gatech.edu>)
 - Individualized help with writing and multimedia projects
- Academic advisors for your major
<http://advising.gatech.edu>

Personal Support

Georgia Tech Resources

- The Office of the Dean of Students: <http://studentlife.gatech.edu/content/services>; 404-894-6367; Smithgall Student Services Building 2nd floor

MATH 1552 COURSE SYLLABUS, FALL 2020

- You also may request assistance at https://gatech-advocate.symplicity.com/care_report/index.php/pid383662?
- Counseling Center: <http://counseling.gatech.edu>; 404-894-2575; Smithgall Student Services Building 2nd floor
 - Services include short-term individual counseling, group counseling, couples counseling, testing and assessment, referral services, and crisis intervention. Their website also includes links to state and national resources.
 - *Students in crisis may walk in during business hours (8am-5pm, Monday through Friday) or contact the counselor on call after hours at 404-894-2204.*
- Students' Temporary Assistance and Resources (STAR): <http://studentlife.gatech.edu/content/need-help>
 - Can assist with interview clothing, food, and housing needs.
- Stamps Health Services: <https://health.gatech.edu>; 404-894-1420
 - Primary care, pharmacy, women's health, psychiatry, immunization and allergy, health promotion, and nutrition
- OMED: Educational Services: <http://www.omed.gatech.edu>
- Women's Resource Center: <http://www.womenscenter.gatech.edu>; 404-385-0230
- LGBTQIA Resource Center: <http://lgbtqia.gatech.edu/>; 404-385-2679
- Veteran's Resource Center: <http://veterans.gatech.edu/>; 404-385-2067
- Georgia Tech Police: 404-894-2500

Statement of Intent for Inclusivity

As a member of the Georgia Tech community, I am committed to creating a learning environment in which all of my students feel safe and included. Because we are individuals with varying needs, I am reliant on your feedback to achieve this goal. To that end, I invite you to enter into dialogue with me about the things I can stop, start, and continue doing to make my classroom an environment in which every student feels valued and can engage actively in our learning community.

Please note: items on the syllabus and course schedule are subject to change. Any changes to the syllabus and/or course schedule will be relayed to the students in class and through e-mail.

Important Dates Throughout the Term

17 August – First Day of Classes

27 August – Quiz #1

7 September – Labor Day Holiday (No Class)

10 September – Quiz #2

24 September – Quiz #3

28 September – Progress Reports Due

7 October – Test #1

24 October – Last day to withdraw with a grade of "W"

22 October – Quiz #4

5 November – Quiz #5

19 November – Test #2

MATH 1552 COURSE SYLLABUS, FALL 2020

23-24 November – Final Instructional Days

1-8 December – Final Exam Period

MATH 1552 COURSE SYLLABUS, FALL 2020

Math 1552 Instructor and TA Contact Information

Course Instructors:

<u>Section</u>	<u>Instructor</u>	<u>Instructor Contact Information</u>	<u>Class Times (links will be on Canvas)</u>	<u>Instructor Office Hours</u>
A, E	Dr. Michael Lavigne	michael.lavigne@math.gatech.edu	MWF 8:25-9:15, MWF 11:00-11:50	Mondays, 11:50 am-1:00 pm, Wednesdays, 9:10-10:00 am, and by appointment
B	Dr. Miriam Kuzbary	mkuzbary3@gatech.edu	MWF 8:25-9:15	Mondays, 9:45-10:45 am, Wednesdays, 4:00-5:00 pm, and by appointment
C	Ms. Klara Grodzinsky	klara.grodzinsky@math.gatech.edu	MWF 9:30-10:20	Mondays, Wednesdays and Fridays, 10:20-11:00 am and by appointment
F	Dr. Marissa Loving	mloving6@gatech.edu	MWF 11:00-11:50	Mondays, Wednesdays, and Fridays, 11:50 am-12:30 pm, and by appointment

Teaching Assistants:

<u>Section(s)</u>	<u>TA</u>	<u>Email Address</u>	<u>Studio Times (links will be on Canvas)</u>	<u>Office Hours</u>
A01/A03	Cvetelina Hill	cvetelina.hill@gatech.edu	TR 12:30-13:20 TR 14:00-14:50	Thursdays, 9:00-10:00 am
A02/E02	Brendon Darby	bdarby6@gatech.edu	TR 12:30-13:20 TR 8:25-9:15	Tuesdays and Thursdays, 9:30-10:30 am
B01/B03	Michail Sarantis	msarantis3@gatech.edu	TR 8:25-9:15 TR 9:30-10:20	Fridays, 11:00 am-12:00 pm
B02	Joshua Shroeder	jschroeder35@gatech.edu	TR 8:25-9:15	Wednesdays, 1:00-2:00 pm
C01/C05	Kofi Amanfu	mamanfu@gatech.edu	TR 8:25-9:15 TR 9:30-10:20	Tuesdays, 4:30-5:30 pm
C02	Tao Yu	tyu70@gatech.edu	TR 9:30-10:20	Tuesdays, 3:00-4:00 pm
C03	Matthew Broussard	mbroussard7@gatech.edu	TR 8:25-9:15	Mondays, 11:00 am-12:00 pm
C06	Wei Hu Dr. Ruipeng Shen	whuae@connect.ust.hk srpgow@163.com	TR 16:40-17:30	
E01/E03	Thomas Rodewald	tomrodewald@gatech.edu	TR 8:25-9:15 TR 9:30-10:20	Tuesdays, 12:00-1:00 pm
F01/F03	Logan Hart	lhart31@gatech.edu	TR 12:30-13:20 TR 14:00-14:50	Wednesdays, 2:00-3:00 pm
F02	Daniel Minahan	dminahan6@gatech.edu	TR 12:30-12:20	Wednesdays, 12:30-1:30 pm

MATH 1552 COURSE SYLLABUS, FALL 2020

Tentative Course Schedule

Please use this as an approximate class schedule; section coverage may change depending on the flow of the course. Review days/topics may be changed or cancelled in the event of inclement weather or campus closures.

Week	Mon	Tues	Wed	Thurs	Fri
1	Aug 17 Introduction to 1552 and online learning tools	Aug 18 Introduction to Studios and Derivative review	Aug 19 Calculus 1 Review	Aug 20 HW: Try review problems on MyMathLab.	Aug 21 Section 4.8: Anti-derivatives HW: Welcome Survey and introduction
2	Aug 24 Sections 5.1-5.2: Area under the curve	Aug 25 Memorize the formulas in section 4.8! HW 1 due: sections 4.8, 5.1-5.2	Aug 26 Section 5.3: The Definite Integral	Aug 27 Quiz 1: sections 4.8, 5.1-5.2	Aug 28 Section 5.3, continued
3	Aug 31 Section 5.4: The Fundamental Theorem of Calculus	Sep 1 HW 2 due: sections 5.3-5.4	Sep 2 Section 5.5: Integration by Substitution	Sep 3	Sep 4 Section 5.6: Area Between Curves
4	Sep 7 NO CLASS Labor Day Holiday	Sep 8 HW 3 due: sections 5.5-5.6	Sep 9 Section 8.2: Integration by Parts	Sep 10 Quiz 2: sections 5.3-5.6	Sep 11 Section 8.2, continued
5	Sep 14 Section 8.3: Integration of Products and Powers of Trig Functions	Sep 15 HW 4 due: section 8.2	Sep 16 Section 8.3, continued	Sep 17	Sep 18 Section 8.4: Trigonometric Substitution
6	Sep 21 Section 8.4, continued	Sep 22 HW 5 due: sections 8.3-8.4	Sep 23 Section 8.5: Partial fractions	Sep 24 Quiz 3: sections 8.2-8.4	Sep 25 Section 8.5, continued
7	Sep 28 Section 4.5: L'Hopital's rule	Sep 29 HW 6 due: section 8.5	Sep 30 Section 8.8: Improper Integrals	Oct 1	Oct 2 Section 8.8, continued
8	Oct 5 Review for Test 1	Oct 6 Review for Test 1 HW 7 due: sections 4.5, 8.8	Oct 7 Test 1: Sections 4.5, 4.8, 5.1-5.6, 8.1-8.8	Oct 8	Oct 9 Section 10.1: Sequences
9	Oct 12 Section 10.2: Infinite Series	Oct 13 HW 8 due: section 10.1	Oct 14 Section 10.2, continued	Oct 15	Oct 16 Section 10.3: The Integral Test
10	Oct 19 Section 10.4:	Oct 20 HW 9 due: sections	Oct 21 Section 10.4,	Oct 22 Quiz 4: Sections 10.1-	Oct 23 Section 10.5: Ratio

MATH 1552 COURSE SYLLABUS, FALL 2020

	Comparison Tests	10.2- 10.3	continued	10.4	and Root tests
11	Oct 26 Section 10.6: Alternating Series	Oct 27 HW 10 due: sections 10.4-10.5	Oct 28 Section 10.6-10.7: Alternating series and Power series	Oct 29	Oct 30 Section 10.7: Power series
12	Nov 2 Section 10.7, continued	Nov 3 HW 11 due: sections 10.6-10.7	Nov 4 Sections 10.8-10.9: Taylor polynomials and series	Nov 5 Quiz 5: Section 10.5- 10.7	Nov 6 Sections 10.8-10.9, continued
13	Nov 9 Sections 10.8-10.9, continued	Nov 10	Nov 11 Sections 10.8-10.9, continued HW 12 due: sections 10.8-10.9	Nov 12	Nov 13 Section 6.1: Volumes by Disks
14	Nov 16 Section 6.2: Volumes by Shells	Nov 17 HW 13 due: sections 6.1-6.2	Nov 18 Review for Test 2	Nov 19 Review for Test 2	Nov 20 Test #2: Sections 10.1-10.9, 6.1-6.2
15	Nov 23 Review for Final Exam	Nov 24 Tentative in Person studio: Review for Final Exam	Nov 25 Thanksgiving Holiday	Nov 26 Thanksgiving Holiday	Nov 27 Thanksgiving Holiday
16	Nov 30 Reading Day	Dec 1 Final Exams Begin	Dec 2	Dec 3	Dec 4
17	Dec 7	Dec 8 Final Exams End			