



University of
Science & Technology

Math 1215 1A/1B – Calculus II

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Our Math 1215 teaching staff is very excited to welcome you to Calculus II. The material in the Calculus courses forms the building blocks you will use in your engineering and science courses. We look forward to working together so that you can be successful in this course, your major coursework that follows, and on into your future career.

To guarantee your success in this course and, in fact, any course, you must be prepared to do three things:

1. Show up. Attending EVERY class period in its entirety is essential to your success. If you miss a class, it is *your* responsibility to find out what you missed and to pick up any returned work. If you miss more than three lectures and/or labs, your instructor may raise an S&T alert flag due to concern for your well-being, and excessive absences could cause you to be dropped from the class.
2. Do the work. You are expected to complete all homework and labs in a timely manner and ask questions when you have trouble with any problems or concepts. The Math 1215 teaching staff is here to help you – take advantage of that by asking RIGHT AWAY when you have questions. Work through practice worksheets and exam reviews. When an exam is returned, look through it promptly and be sure you understand any mistakes and how to fix them.
3. Participate actively. Become a part of this class. You don't have to have your hand up or speak out all the time, but you are expected to work through problems as they are done in class, take notes of your own, and basically be present and alert during class. Gaining a true understanding of Calculus is not an easy task, and you should not expect to do everything all on your own. Get to know your labmates. Get to know your GTA and your instructor. These people are your main resources and support through this course – and you are theirs, too.

Course Format: This is an in-person, seated course for lecture and lab.

Prerequisites: A grade of "C" or better in both Math 1160 and 1214. The Math 1160 prerequisite can be satisfied by placement.

Textbook: *Calculus*, 3rd edition, Briggs, Cochran, Gillett, Schulz, Pearson, 2019.
This is an Auto-Access course.

Classroom Attire: All relevant University policies regarding classroom attire and face coverings must be followed.

Classroom Expectations:

1. Students are expected to be prepared for all lectures and labs. This includes having class PowerPoint slides with you in lecture. It also includes bringing your notes to the lab sessions.
2. Students are expected to participate in lecture by taking notes, answering questions, and asking questions.
3. Students should ensure that their Canvas notifications are set so that they receive prompt notification of any course announcements.

4. In general, the use of cell phones and other electronic devices in class is not allowed. Such devices are to remain off and put away during the entire class period. You may use a tablet/laptop to take notes as long as your use is restricted to taking notes and does not disturb those around you. The taking of still images, video recordings, and audio recordings at any time during class is strictly prohibited.
5. Students are expected to work with their lab group in labs each week. You need to work cooperatively and collaborate with one another to solve lab problems. The focus should be on making sure all group members participate and understand the methods used to solve all problems.

Exams: There will be four 100-point exams in total this semester. There are three 50-minute exams and one 120-minute comprehensive final. Each of the four exams is worth 100 points. The exams will cover the material from the textbook, homework problems, lab problems, and additional material covered in class (another reason to not miss class).

Your lowest exam score will be dropped at the end of the semester. This accommodates students who miss an exam, or do not perform well on an exam, for any reason that is beyond their control. Thus, exams are worth a total of 300 points. Furthermore, if you are satisfied with the scores on your first three exams, then you do not need to take the final exam.

The 50-minute exams will be given in person at 5:00 PM on each of the following Thursdays: **Feb. 10, Mar. 10, and Apr. 21.** The evening exams are scheduled class times, and *you* are responsible for working out any conflicts to ensure that you are present for each scheduled exam. Put these dates on your calendar NOW, check for conflicts, and contact your instructor if you have concerns or need assistance. The 120-minute final exam is **Thursday May 12 from 7:30-9:30 AM.** Missed exams will count as a zero. Once exam grading is complete, scores will be made available in Canvas.

Quarantine: If you have been diagnosed with COVID-19, have symptoms of COVID-19, or have been exposed to COVID-19, you need to contact Student Health. They will advise you on whether you are to quarantine and for how long. If you are quarantined, let Student Health know that you will need a letter from the Dean of Students Office emailed to all of your instructors. See <https://coronavirus.mst.edu/> for more details.

Missed Exams: Makeup exams will not be given. If the University provides the instructor with an official notification that you are unable to take an exam in person by 4:30 PM one business day prior to the exam, the instructor will email you with instructions concerning alternate testing accommodations at the same day and time as the regularly scheduled test. Students who are attending university sponsored events during exams need to let their instructor know as soon as possible. Often the university faculty or staff member attending the event can proctor the exam during the scheduled exam time. ***Do NOT schedule other activities (fieldtrips, interviews, etc.) during exams.***

Homework: All homework in this course will be completed using MyLab Math. Be sure to pay attention to the PDF course calendar posted in Canvas, which lists due dates for all homework. The due dates should also appear in the calendar within Canvas. You should make it a practice to complete this work daily. If you have questions about homework, be sure to use the “Ask My Instructor” feature. This is a great way to get assistance specific to your problem. Work assigned in MyLab Math will contribute 40 points to your overall grade.

Lab Activities: Active participation in lab is essential for success in this course, and you are expected to attend and participate in lab every week. You are to work cooperatively within a group. Working cooperatively within your group means you are all working on the same problem together at the same time and discussing the solution process. It does NOT mean “divide and conquer” or working on your own and checking final answers. You will lose points for not working cooperatively. **ATTENDANCE WILL BE TAKEN AT EACH LAB SESSION.** There will be fourteen labs this semester. Each lab is worth 5 points, and your two lowest labs will be dropped. Missing more than two labs could result in a student being dropped from Math 1215.

Labs are worth 60 points. Labs will be graded as follows:

5 points – attend lab for full time, work with your group cooperatively, get lab checked for correctness by instructor

3 points – attend lab for full time, work by yourself or do not work cooperatively with your group, get lab checked for correctness by instructor

1 point – attend lab for full time, but don't work the whole time and/or don't get lab checked by instructor at all

Arriving more than 5 minutes late (or leaving a bit early) will result in a 1 point deduction from the above score. Arriving more than 30 minutes late (or leaving more than 30 minutes early) will result in an additional point lost from the above score (thus, 2 points lost in total). **Non-attendance will result in a lab score of 0.**

Grading Policy: On all written work submitted for grading, you are expected to show your work clearly and completely. On work other than MyLab Math work, you will be graded on your work as well as on your final answers, but a correct final answer that is neither supported nor justified by work you have shown will receive no credit. I am happy to address any questions regarding the grading of any submitted work, and I encourage you to ask. However, you must bring such questions to my attention within one week of the date it is returned to the class or no changes will be made in the grade. There are 400 total points possible in this course, divided as follows:

Exams:	300 points	Lab Activities:	60 points
MyLab Math Work:	40 points		

The grading scale will be **no lower than** as follows:

A	Total points ≥ 360
B	$320 \leq$ Total points < 360
C	$280 \leq$ Total points < 320
D	$240 \leq$ Total points < 280
F	Total points < 240

Calculator Policy: The use of calculators is prohibited on all exams in this course (including the final). Calculators will be needed on some homework problems.

Learning Enhancement Across Disciplines (LEAD): <http://lead.mst.edu>

LEAD provides optional (not required) tutoring in a wide range of courses for students who wish to increase their understanding, improve their skills, and validate their mastery of concepts and content in order to achieve their full potential. LEAD assistance starts no later than the third week of classes. Check out the online schedule at <http://lead.mst.edu>. Some courses have collaborative LEAD learning centers (bottom half of schedule) and/or Individualized LEAD tutoring (top half of the schedule). For more information, contact the Academic Support office at 341-7276 or email lead@mst.edu.

Nondiscrimination, Equity, and Title IX

Missouri University of Science and Technology is committed to the safety and well-being of all members of its community, and to creating an environment free from discrimination and harassment.

The University does not discriminate on the basis of race, color, national origin, ancestry, religion, sex, pregnancy, sexual orientation, gender identity, gender expression, age, disability, protected veteran status, and any

other status protected by applicable state or federal law. As used in this policy, the word “sex” is also inclusive of the term “gender.”

Additionally, US Federal Law Title IX states that no member of the university community shall, on the basis of sex, be excluded from participation in, or be denied benefits of, or be subjected to discrimination under any education program or activity. Violations of this law include sexual harassment, sexual assault, dating/domestic violence, and stalking.

In accordance with The Collected Rules and Regulations University of Missouri, Missouri S&T requires that all faculty and staff members report, to the Missouri S&T Equity Officer, any notice of discrimination disclosed through communication including but not limited to direct conversation, email, social media, classroom papers and homework exercises.

Missouri S&T’s Equity Officer and Title IX Coordinator is Chief Diversity Officer Anitra Rivera. Contact their office at (573) 341-6038; 203 Centennial Hall to report violations of the university’s nondiscrimination policies, including Title IX. To learn more about resources and reporting options (confidential and non-confidential) available to Missouri S&T students, staff, and faculty, please visit <http://titleix.mst.edu>.

Student Success Center: SSC was developed as a campus-wide initiative to foster a sense of responsibility and self-directedness to all S&T students by providing peer mentors, caring staff, and approachable faculty and administrators who are student centered and supportive of student success. The Student Success Center in Toomey Hall was designed for students to visit and feel comfortable about utilizing the campus resources available. Visit the SSC at 198 Toomey Hall; 573-341-7596; success@mst.edu; Facebook: www.facebook.com/SandTssc; web: <http://studentsuccess.mst.edu/>

Emergency Egress: Classroom egress maps are posted at <http://designconstruction.mst.edu/floorplan/>.

Accessibility and Accommodations: It is the university’s goal that learning experiences be as accessible as possible. If you anticipate or experience physical or academic barriers based on a disability, please contact Student Disability Services at (573) 341-6655, sdsmst@mst.edu, visit <http://dss.mst.edu/> for information.

Academic Integrity: All students are expected to maintain academic integrity. Cheating will not be tolerated. Cheating includes but is not limited to use of any unauthorized assistance in taking quizzes, tests, or examinations or knowingly providing any unauthorized assistance to another student on quizzes, tests, or examinations. The Student Academic Regulations (<http://registrar.mst.edu/academicregs/index.html>) describe the student standard of conduct relative to the System’s Collected Rules and Regulations section 200.010, and offers descriptions of academic dishonesty including cheating, plagiarism, or sabotage. Students who engage in cheating or other academic integrity violations can receive a zero on the assignment/assessment on which the violation occurred. Incidents of academic dishonesty will be reported to the instructor’s department chair and the Vice Provost of Academic Support as violations of the [Student Academic Regulations](#). Such reporting is in addition to, and separate from, grade penalties for these violations as described in the instructor’s syllabus.

Statement about Copyright, FERPA, and Use of Video: It is vitally important that our classroom environment promote the respectful exchange of ideas. This entails being sensitive to the views and beliefs expressed during discussions whether in class or online. Please speak with me before recording any class activity. It is a violation of University of Missouri policy to distribute such recordings without my authorization and the permission of others who are recorded. More information is provided [online](#).

Well-Being and UCARE: Any of us may experience strained relationships, increased anxiety, feeling down, alcohol/drug misuse, decreased motivation, challenges with housing and food insecurity, etc. When your mental well-being is negatively impacted, you may struggle academically and personally. If you feel overwhelmed or need support, please make use of S&T’s confidential [mental health](#) services at no charge. For a quick guide to campus resources that address specific issues please visit our Well-Being Referral Guide, available as a website at

<https://minerwellness.mst.edu/well-being-referral-guide/>. If you are concerned about a friend or would like to consult with a Care Manager, please make a UCARE referral for support and assistance.
<https://stuaaff.mst.edu/ucare/>.

Student Honor Code and Academic Integrity:

- The Honor Code all students are expected to follow can be found at this link: <http://stuco.mst.edu/honor-code/>.
- The Student Academic Regulations describe the student standard of conduct relative to the University of Missouri System's Collected Rules and Regulations section 200.010, and offers descriptions of academic dishonesty including cheating, plagiarism, or sabotage (<http://registrar.mst.edu/academicregs/index.html>).
- Additional guidance including the University's Academic Dishonesty Procedures is available at <http://academicsupport.mst.edu>.
- Other resources for students regarding ethics and integrity can be found at <http://academicsupport.mst.edu/academicintegrity/studentresources-ai>.

Instructor Absences or Weather Cancellations: If I have to miss class, I will either arrange for a substitute lecturer or I will record lectures and place them online. I will, of course, email the class ahead of time so that you all know if class has been moved online in some format.

If the university closes due to weather, or I cannot get to campus due to weather, watch Canvas for announcements regarding the class. It is most likely that I will post a recording of the day's lecture for your asynchronous viewing pleasure; however, I reserve the right to hold a live Zoom class at the regularly scheduled class time.

No due dates or schedule changes are likely to occur due to any of these situations.

Pivot to Online: With the steps being taken by the university, we will hopefully be able to complete this course in the originally scheduled format. If something should occur that requires a sudden pivot online, the following will occur in the class.

***Announcements and Email:** You MUST check the Announcements section in Canvas several times a day. You also need to check your email several times a day. If we pivot to online, this is the only method of communication I have with you.*

***Lectures:** All lectures will be provided on Canvas. It is most likely that I will post a recording of the day's lecture for your asynchronous viewing pleasure; however, I reserve the right to hold a live Zoom class at the regularly scheduled class time.*

***Homework:** No changes. It will still be on MyLab Math and follow the standard schedule.*

***Labs:** All lab classes will now be synchronous online. No other changes will be made.*

***Exams:** The 50 minute exams will be administered via MyLab Math on the originally scheduled dates. Regular MyLab Math exams will have a 75 minute time limit, will allow calculator use, and must be taken between 4:30-6:30 PM on the date indicated. The MyLab Math final will have a 120 minute time limit and must be taken between 7:15 AM and 9:45 AM on the date indicated. Note that, for exams administered via MyLab Math, **no partial credit will be provided** (except the limited partial credit automatically assigned by MyLab Math). At our sole discretion, electronic proctoring methods (such as SmarterProctoring) may be employed to monitor these exams – you must, therefore, have access to a laptop or desktop computer with a functional webcam and microphone for these exams. For any exam administered via MyLab Math, a review quiz (which will include some, but possibly not all, of the question pools used to generate the exam) will be posted in MyLab Math at least 48 hours prior to the exam.*

Technology: *You are expected to have adequate technology to attend Zoom meetings with audio and video capabilities. You are also expected to be able to do all exams, quizzes, lab, and homework on MyLab Math.*

Questions: If you ever have a question about anything, please come see me during my office hours or make an appointment. If this does not resolve your concern, you may contact Dr. Martin Bohner (Rolla 106, bohner@mst.edu) or Prof. Paul Runnion (Rolla 212, prunnion@mst.edu), the course co-coordinators for Math 1215. If your concern about a policy-related matter is not resolved by speaking with Dr. Bohner or Prof. Runnion, you may contact Dr. John Singler, the interim department chair of Mathematics and Statistics, in Rolla 202.