CSU – Department of Mathematics

Syllabus for MTH182 – Calculus II

Spring 2022: January 18 – May 6

1 Course Information

• **Credit Hours**: 4. This course counts toward the Mathematics/QL general education requirement.

• **Prerequisites**: Grade of C or better in MTH 181 (Calculus I).

• **Text**: *Calculus Early Transcendentals, second edition*\(^1\) by Jon Rogawski. Single variable and electronic versions of the text are available.

• **Section Information**:

<table>
<thead>
<tr>
<th>Section</th>
<th>Instructor</th>
<th>Meeting Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Lopez</td>
<td>MWF 10:05AM – 11:10AM</td>
<td>BH323</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MWF 9:05AM – 9:55AM</td>
<td>BH323</td>
</tr>
<tr>
<td>2</td>
<td>Rodrigues</td>
<td>MTWF 10:15AM – 11:05AM</td>
<td>BH440</td>
</tr>
<tr>
<td>3</td>
<td>Froehlich</td>
<td>MWF 10:05AM – 11:10AM</td>
<td>BH325</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MWF 9:10AM – 9:55PM</td>
<td>BH325</td>
</tr>
<tr>
<td>4</td>
<td>Lopez</td>
<td>MWF 12:15PM – 1:20PM</td>
<td>BH323</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MWF 11:20AM – 12:05PM</td>
<td>BH323</td>
</tr>
<tr>
<td>5</td>
<td>Romutis</td>
<td>MWF 2:25PM – 3:30PM</td>
<td>BH325</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MWF 1:30PM – 2:15PM</td>
<td>BH325</td>
</tr>
<tr>
<td>51</td>
<td>Feister</td>
<td>TR 6:00PM – 7:50PM</td>
<td>BH433</td>
</tr>
</tbody>
</table>

• **Instructor Information** The standard office hours for each instructor are listed below. If you would like to meet at a different time, or via a different means (whether on Zoom or in-person), please contact your instructor directly to arrange an appointment.

<table>
<thead>
<tr>
<th>Instructor</th>
<th>Email</th>
<th>Office</th>
<th>Phone</th>
<th>Office Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feister</td>
<td><a href="mailto:b.feister@csuohio.edu">b.feister@csuohio.edu</a></td>
<td>RT 1539</td>
<td>use e-mail</td>
<td>TuTh 4:00pm-6:00pm</td>
</tr>
<tr>
<td>Froehlich</td>
<td><a href="mailto:s.froehlich@csuohio.edu">s.froehlich@csuohio.edu</a></td>
<td>RT1448</td>
<td>use email</td>
<td>MWF11:30am-12:30pm (or Zoom by appt)</td>
</tr>
<tr>
<td>L´opez</td>
<td><a href="mailto:h.lopezvaldez@csuohio.edu">h.lopezvaldez@csuohio.edu</a></td>
<td>RT1506</td>
<td>use email</td>
<td>W 11:15am-12:10pm</td>
</tr>
<tr>
<td>Rodrigues</td>
<td><a href="mailto:i.rodrigues@csuohio.edu">i.rodrigues@csuohio.edu</a></td>
<td>RT1535</td>
<td>523-7153</td>
<td>MWF 11:20am-12:20pm (in RT1535) Tu 11:05am-12:05pm (on Zoom)</td>
</tr>
<tr>
<td>Romutis</td>
<td><a href="mailto:t.romutis@csuohio.edu">t.romutis@csuohio.edu</a></td>
<td>RT1505</td>
<td>523-7163</td>
<td>MWF 1:00-2:00pm TuTh 12:00-1:00pm</td>
</tr>
</tbody>
</table>

\(^1\)This edition is actually out of print. See Subsection 5.1.1 for some discussion of this point.

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• Zoom Links:

<table>
<thead>
<tr>
<th>Instructor</th>
<th>Zoom Link</th>
<th>Passcode</th>
</tr>
</thead>
<tbody>
<tr>
<td>Froehlich</td>
<td><a href="https://csuohio.zoom.us/j/9031600030">https://csuohio.zoom.us/j/9031600030</a></td>
<td>None</td>
</tr>
<tr>
<td>Rodrigues</td>
<td><a href="https://csuohio.zoom.us/j/89877706937">https://csuohio.zoom.us/j/89877706937</a></td>
<td>None</td>
</tr>
</tbody>
</table>

2 Learning Outcomes

The successful MTH182 student should be able to apply and evaluate definite and indefinite integrals; analyze and evaluate limits; understand the definition of improper integrals and compute their values; determine the convergence or divergence of infinite sequences and series; find the Taylor polynomial of order \( n \) at a specified center for a function, with error term; identify, differentiate and integrate a power series for a function; analyze curves given in parametric form and in polar coordinates. For this course we assume that students are proficient in Calculus I, as well as Algebra and Trigonometry. Your instructor may review some topics, but students are expected to seek help by themselves if they feel the need to review Calculus I or Algebra and Trigonometry. A day-by-day schedule, specifying the topics to be covered in the course, can be found at the end of this syllabus.

3 Learning Resources

• Blackboard Learn (BBLearn): This course makes intensive use of the CSU online course management system:
  
  https://www.csuohio.edu/center-for-elearning/blackboard-login.

  This link directs you to the center for e-learning’s “Blackboard Login” page, from which you can click to the actual log-in page.

  Visit our MTH182 BBLearn site frequently for course information, supplemental material, useful links, and other resources.

• Math Learning Center (MLC): This is your source for free mathematics tutoring, homework assistance, and exam preparation. MLC is a drop-in center located in BH230. No appointment is necessary.

  MLC hours, effective Mon 1/24/22 (and subject to change) are as follows:
  - Monday – Thursday 9:00am – 8:00pm
  - Friday 9:00am – 4:00pm
  - Saturday 10:00am – 2:00pm (Beginning Saturday, February 5th, 2022)*

  *Saturday hours are remote only. Visit the MLC website for the Zoom link:
  https://sciences.csuohio.edu/mathematics/math-learning-center

  MLC will operate on a limited schedule the week of 1/17/22. See BH230 for more information. MLC will also offer some assistance via Zoom, during hours when MLC is scheduled to be open.

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You will be asked for your CSU student ID when you work with someone from MLC. It is of benefit to make use of the MLC as early as the need arises.

You can also make an inquiry about individual sessions with a member of MLC staff by emailing mathlearningcenter@csuohio.edu. Please be patient during the first few weeks of the term while MLC staffing needs are assessed and implemented.

- **Tutoring and Academic Success Center (TASC):** Provides general academic help, and runs useful workshops about time management, test taking skills, study skills, etc. Located at BH233. TASC does not provide tutoring for Calculus.

- **STEM Peer Teachers:** Some sections are STEM Peer Teacher (SPT) supported. These sections provide SPT sessions preceding the regular class, which act like recitation or lab sessions and are intended to help further your understanding of the calculus concepts. More information about SPT-supported sections is given in Section 4 below.

- **Recommended Exercises from the Book:** A list of these end-of-section exercises will be posted on BBLearn. These will not be graded, but it is recommended that you work them. (Solutions for most of them are available at the back of the book; you may check your own answers against those.) Doing so will greatly increase your chances of succeeding in this course. This list of recommended exercises includes many of the problems from the WeBWorK sets, but adds a significant number not included in those sets. These recommended exercises are intended to help you organize and structure your reading and homework outside class. A reasonable goal to set for yourself is to work most, if not all, of these recommended exercises over the semester.

## 4 STEM Peer Teachers

Some sections of this course are combined with mandatory STEM Peer Teacher (SPT) sessions, which means they are taught by trained undergraduate and graduate students known as STEM Peer Teachers. Each SPT session meets three times per week, immediately preceding the Monday, Wednesday and Friday classes, and in the same room as your regular classes. For students enrolled in a Calculus I course with an SPT session, *your attendance and participation in the SPT sessions is required.*

The SPT sessions are conducted to help students further their understanding of the calculus concepts. Your SPTs are fellow students that provide support in the regular classes as well as in various aspects of learning during the SPT session preceding the regular class. These interactive sessions include individual, pair and group work, content assessments, enrichment materials and application packets. If you are in an SPT section, more details concerning your SPTs and the SPT sessions will be given by your instructor and SPTs.

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5 Course Work and Assessment

5.1 Reading and Homework

You should read our book and work end-of-section exercises from it on a regular and ongoing basis, keeping up with the day-by-day schedule and where we are in class. Working exercises from the book, in particular, is important for understanding the material and consolidating your grasp of it. Your graded WeBWorK (WW) homework (next subsection) sets provide you with a reasonable sample of exercises to work. Some—but not all—of these WW exercises correspond to exercises from our book. The list of Recommended Exercises, mentioned in Section 3 above and posted on BBLearn, suggests additional exercises from our book to work. Working these additional exercises does not count directly for your grade, but will help you understand and consolidate the material. A general rule often given is that, to have a good chance of succeeding in a course, you should be spending about three hours on reading and homework for each in-class hour, which amounts to about twelve hours of homework each week for this course.

5.1.1 Out-of-print book saves costs.

The edition of the book that we use (the 2nd edition) is out of print. This old edition still functions perfectly as a textbook; the only possible issue with using an out-of-print edition is one of availability. We choose to use the old edition because it is (much) cheaper, and there does not seem to be an issue with availability yet. To give an idea of the cost savings, on-line searches for the various editions show the 2nd edition available for as low as $10–$20, the 3rd edition (now also out of print) in the range $70–$90 (new copies list for about $160), and the (current) 4th edition listing new for as high as $190. We will continue to use the 2nd edition until availability becomes an issue, at which time we will likely switch to a more recent out-of-print edition. Please let your instructor know if you have any difficulty in obtaining a copy of the 2nd edition.

5.2 Graded WeBWorK (WW) Homework

WeBWorK Homework accounts for 16% of the overall score.

This course uses the WeBWorK online homework system, accessible at following link:

https://webworks2.csuohio.edu/webwork2/CSU_MTH182_Spring22/

Your Username is your CSU Student ID number. Initially, your password is also your CSU Student ID number. Please be sure to change your password to a non-generic one the first time you log in. This may be done by clicking the “Password/Email” item off the Main Menu at the upper left of the screen, after you are logged-in. Please bookmark the homework link for easy access. Use Firefox, Safari or Chrome to access WeBWorK. Internet Explorer is not recommended, since it is slower and does not display some problems correctly.

There will be no extensions for homework assignments unless a student has a justified extended absence from class that can be supported by documentation. Please do not wait

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until the last day to start the homework. Not being able to access the system will not be accepted as a valid excuse for late homework.

Different homework sets may have different numbers of problems, but all problems have the same overall weight as each other: one point per problem.

At the end of the course, the total WW score is scaled to a score out of 100 points. You should try to work as many problems as you are able, completing each set as fully as possible. At the end of the course, your total WW score will be “curved” slightly so that completing about 95% of all problems will earn you a full WW score of 100 points. In practice, this means that you may leave one or two problems from some sets uncompleted without harming your overall grade.

5.3 Classwork

*Classwork accounts for 15% of the overall score.*

Classwork consists of short quizzes or other activities designed to provide an assessment of your understanding of the material currently being learned and/or to enhance your learning. They are also a means of providing ongoing feedback on your progress. Your instructor will provide more information about the format, dates and content of the classwork. A running average of your classwork score will be posted on BBLearn, which will determine this component of your final grade.

Naturally, you must be present in class to complete the classwork. Instructors are under no obligation to provide make-up classwork assignments to accommodate unexcused student absences. Any extended absence from class for a justified, documented reason should be accompanied by a prompt conversation between the effected student and instructor. It is incumbent upon the student to initiate this conversation.

5.4 Tests

*Tests account for 44% of the overall score.*

There will be four unit tests, which are cumulative, in-class tests without notes and books. The test dates are as follows:

<table>
<thead>
<tr>
<th>Test</th>
<th>Date (§§ 1 – 4)</th>
<th>Date (§§ 51 )</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>February 2</td>
<td>February 3</td>
</tr>
<tr>
<td>2</td>
<td>March 2</td>
<td>March 3</td>
</tr>
<tr>
<td>3</td>
<td>March 30</td>
<td>March 31</td>
</tr>
<tr>
<td>4</td>
<td>April 20</td>
<td>April 21</td>
</tr>
</tbody>
</table>

One of the four test scores (the lowest score) will be replaced by the final exam score, if the score on the final is higher than at least one test score. This applies only to scores obtained by actually taking the test, and not to tests for which there was an unexcused absence. This policy is also not applicable to a test score of zero that results from scholastic dishonesty (see Subsection 7.4 below).
**Make-up Policy for Tests:** Make-ups can be given, at the instructor’s discretion, for missed tests that have a valid reason, such as a medical emergency involving the student or immediate family members.

In all cases, *the student must present documentation justifying the absence*, and provide contact information for the person providing the documentation. Furthermore, if a student is not able to take a test at the scheduled time, then the student *must inform the instructor before the scheduled start of the test*. The following reasons will *not* be accepted as excuses for taking a make-up:

- Travel, unless it is related to a medical emergency.
- Work commitments. If you have a work-related schedule conflict, you must arrange with your employer to receive a dispensation.
- Medical conditions for which you cannot provide suitable documentation. Note that medical excuses must be from local health service providers to be acceptable. If you didn’t visit a doctor’s office or other medical facility, you can obtain a note from the nurse’s office at the university.
- Having another test on the same day.
- Not being able to prepare for the test.

Unless an extended absence is justified, make-ups have to be taken within three days of the test date, excluding days the university is closed. If you know in advance that you will be unavailable at a particular date, please contact your instructor as soon as possible. Permission to allow a makeup exam is at the instructor’s discretion and generally will not be permitted more than once and will not be permitted if the reason is not documented.

**Calculator Policy for Tests and Final Exam:** Use of a graphing calculator is an integral part of the course. All students are required to have one, and to know how to operate it. The department currently supports the TI-84+. It makes this model available to instructors, and students can expect departmental help in learning to use it. Calculators with equivalent capabilities, such as the TI-83 and TI-84, are also accepted. Use of a TI-84+ or equivalent calculator is allowed on tests, the final exam and in-class activities, unless otherwise stated in this syllabus or by your instructor, and subject to the following proviso.

**Calculators with symbolic capacity, such as those listed below, are prohibited on tests and the final exam.** Students who own such calculators will be provided with a TI84+ for tests. Use of a cell phone or any other communication device is prohibited during exams. Violation of this policy will result in a score of 0 (zero) in the exam where the violation took place. A second such offense will result in an F in the course.

**Calculators and Devices Prohibited from use on Tests and the Final Exam.** This is not a comprehensive list, but indicates the kind of models and devices that fall outside the “TI-84+ or equivalent” policy.

- Texas Instruments: All model numbers that begin with TI-89 or TI-92; TI-Nspire CAS.
• Hewlett-Packard: HP Prime; HP 48GII; all model numbers that begin with HP 40G, HP 49G, or HP 50G.

• Casio: fx-CP400 (ClassPad 400); ClassPad 300; ClassPad 330; Algebra fx 2.0; all model numbers that begin with FX.

• Handheld, tablet, or laptop computers, including PDAs.

• Electronic writing pads or pen-input devices.

• Calculators built into cell phones or any other electronic communication devices.

5.5 Final

The final exam accounts for 25% of the overall score.

The final is a comprehensive exam without notes and books, graded on a scale of 100 points. Final Exams are held at the following times and locations:

Sections 1 – 4*: Thursday May 12, 10:15am – 12:15pm
Location: TBA.

Section 51: Thursday May 12, 6:00pm – 8:00 pm
Location: Regular Classroom.

*Notice: for Sections 1 – 4 the final is not held at the regular time and location indicated on the University web site. These sections will write a common final exam.

Make-ups will not be given to students that do not attend their final at the times and places indicated above. Use of a graphing calculator is allowed in the final, according to the same policy stated for unit tests.

5.6 Extra Credit Opportunity

Extra Credit* up to a possible 3% of the overall score.

For each WebWorK set that you complete 50% or more correct, at least three days before it is due, you will be credited 1 point (e.g. if WebWorK is due Monday night, 50% or more correct by Friday night is worth 1 point). At the end of the semester, divide your number of points out of the total number of sets (14), and you will get that fraction of 3% added to your total % for the course.

*Students who are chronically absent from class or SPT session will not be eligible to receive any extra credit points. Chronically absent means missing more than two weeks of class:

• In MTWF sections chronically absent means missing more than 8 classes

• In MWF sections chronically absent means missing more than 6 classes

• In TR sections chronically absent means missing more than 4 classes

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5.7 Grading Scale

A student’s total score is computed according to the following formula:

\[
\text{Total score} = (\text{Final Exam Score}) \times 0.25 \\
+ (\text{Average test score*}) \times 0.44 \\
+ (\text{WebWorK score}) \times 0.16 \\
+ \text{Classwork score} \times 0.15 \\
+ \text{Extra Credit}
\]

*Note: One test score may be replaced by the final exam score, in the sense explained in Subsection 5.4.

The total score is then rounded up to the next integer, yielding an overall score of up to 100 percentage points. The letter grade is then determined by this score according to the table:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Minimum Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>93%</td>
</tr>
<tr>
<td>A-</td>
<td>90%</td>
</tr>
<tr>
<td>B+</td>
<td>86%</td>
</tr>
<tr>
<td>B</td>
<td>83%</td>
</tr>
<tr>
<td>B-</td>
<td>80%</td>
</tr>
<tr>
<td>C+</td>
<td>75%</td>
</tr>
<tr>
<td>C</td>
<td>70%</td>
</tr>
<tr>
<td>D</td>
<td>60%</td>
</tr>
</tbody>
</table>

A student with an overall score of less than 60% will get an F in the course.

6 Midterm Grades

Per University policy, each student in this course (as well as any other 100- or 200-level course) will be given a midterm grade. These will be made up and assigned during the eighth week of classes (midterm grades must be submitted no later than 10/18). Midterm grades are advisory only, intended to provide information about how you are progressing. They do not appear on a student’s official transcript. Advisors check these grades and intervene with students as needed.

In this course, midterm grades will be made up based on the scores you have accumulated at that point in the semester. Usually Tests 1 and 2, some classwork, and WW sets WW01–WW07 will comprise your midterm grade. The following formula will be used to make a midterm score for each student, which will then be converted to a midterm letter grade according to the table above.
Midterm score = (Average of Scores on Tests 1 and 2) \times 0.69 \\
+ (\% \text{ on Homeworks } 01-07) \times 0.16 \\
+ \text{ current quiz average} \times 0.15

This formula gives very heavy weight to Tests 1 and 2, which will be spread more evenly over more tests for your actual final grades. Also no forgiveness or extra credit formulas are applied here. On the other hand, these grades do reflect the data available, and so are reasonable as guides to how you are progressing.

7 General Policies

7.1 Grade reporting and disputes

All student scores will be posted in Blackboard as course work and tests are done. Students are responsible for checking their own progress, and reporting to the instructor any discrepancies as soon as they are noticed. It is also strongly suggested that you retain all graded work from the course until the end of the semester and after grades are posted. This way if a dispute arises concerning a recorded grade and the actual grade, we have the documentation needed to rectify the situation. Additionally, graded works make for excellent study materials for upcoming exams.

7.2 Class Conduct

Class attendance and participation is essential for success in this course. Please come to class prepared, and take an active role in class discussions and activities.

Please bring a graphing calculator to each class. Cell phones should be turned off or placed on vibrate. Text messaging during class is not appropriate and is grounds for removal from class. During computer lab sessions, checking email and surfing the web is inappropriate when the instructor is talking and again grounds for removal from the class. Other serious disruptions are grounds for removal as well.

7.3 Withdrawals

Withdrawing from the course may put you in violation of the federally mandated standards for academic progress (SAP) that you must maintain to be eligible for financial aid. Read the link on the course website for information about the implications of withdrawing from the course for your financial aid or visit Campus 411.

7.4 Scholastic Dishonesty

Cheating and/or plagiarism will not be tolerated. “Cheating” includes copying or receiving help from another student on quizzes, tests or exams, as well as allowing another student to
copy from your work. Copying another student’s homework, or allowing someone else to do your homework for you, is also considered cheating. If cheating occurs in a quiz or unit test, the student will receive a grade of 0 for that component of the course. If a student cheats a second time during the course, the student will receive an F for the course. If cheating occurs in the final exam, the student will receive a grade of F in the course. Any cheating activity may be reported for further action.

Information regarding the official CSU policy regarding cheating and plagiarism can be found in the CSU Code of Student Conduct at https://www.csuohio.edu/sites/default/files/StudentCodeOfConduct.pdf

### 7.5 Exam Etiquette

Cheating is a particular concern during tests and exams. When we hear complaints about cheating, they usually come from other students in the class who do not appreciate that not everyone is playing by the same rules.

Here are some basic rules for conduct during any test or exam:

1. No entering or leaving during the test once it has begun. You can leave after you are finished, but not until at least 15 minutes have gone by. Plan ahead as there will be no bathroom breaks during a test or final.

2. You cannot start the test more than 15 minutes late.

3. There is no discussion among students during the exam.

4. Calculators cannot be shared during the exam, so make sure you have brought a functioning graphing calculator.

5. No communication devices of any kind may be used during the exam. All cell phones must be stowed during the exam and not in view. This includes Apple watches and similar devices. If an unauthorized electronic device is seen during the exam, it will be considered cheating and the penalties are as outlined above.

6. All work submitted on your exam paper must be your own work.

7. No headphones during the exam.

The above list is not intended to be exhaustive. All students are responsible for behaving ethically and adhering to the Student Code of Conduct.

Remember that the purpose of the exam is to help you learn the material both by doing it and being assessed in how well you are doing it. The feedback should be valuable both to your instructor to help you master it and to you to see what you need to work on. Cheating, of course, defeats all of that.

During the final exam, there will be assigned seating. Seating may be assigned at other times at the instructor’s discretion.
7.6 Disabilities Statement

In accordance with federal law, if you have a documented disability, you may be eligible to request accommodations from The Office of Disability and Testing Services. For more information regarding available accommodations and registration, please call 216.687.2015 or stop by their office in Rhodes West 210. Please keep in mind that accommodations are not retroactive.

7.7 Statement regarding discrimination, harassment and sexual violence

Federal law, including Title IX, and University policy require that CSU address discrimination, harassment and sexual violence and enable students affected by these issues to have the same opportunity to succeed as other students. To do this, the CSU Office for Institutional Equity (OIE) provides information, identifies resources (counseling, medical, advocacy, safety planning), issues academic accommodations (excused absences, extended deadlines, late withdrawals, alternative assignments) and other accommodations (No Contact Directives, changing living arrangements). Any student affected by discrimination, harassment and/or sexual violence and seeking assistance, should contact the Office for Institutional Equity by calling 216-687-2223, sending an email to r.lutner@csuohio.edu or m.vogelgesang@csuohio.edu, or visiting AC 236.

As a CSU faculty member, I am a Responsible Employee who has a duty to report to the Office for Institutional Equity when students disclose experiences with discrimination, harassment and/or sexual violence. Even though I have this duty, I will continue to support you. If you want to speak to someone who won’t share what you’ve told them except in an emergency, I will help you connect to a Confidential Resource.

7.8 COVID-19 Statement

Health and Safety syllabus statement The COVID-19 pandemic is still present and serious.

- Vaccination and booster shots remain the best protection. The science has never been clearer. Vaccination plus a booster shot offers the absolute best protection against serious illness, hospitalization or death from COVID-19. Vaccines and boosters are readily available. Go to gettheshot.coronavirus.ohio.gov for locations near you. CSU Health and Wellness Services will continue to provide vaccinations for students, faculty and staff every Tuesday and booster shots on Wednesdays by appointment. Call 216-687-3649 to schedule your vaccine or booster.

- Get tested if you are symptomatic or have been in close contact with someone who has tested positive. Contact your health care provider for testing advice. Testing is also available at Health and Wellness Services from 10 a.m. to 4 p.m. Monday – Friday.

- Isolate if you test positive and follow CDC guidelines.

- Quarantine if you’ve been exposed and follow CDC guidelines.

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• Mask up when indoors on campus. You are still required to wear a mask that covers both your nose and mouth when indoors on campus. Our student Community Ambassadors will continue to encourage mask compliance.

• If you’re sick, stay home! The health and safety of you, your colleagues and our entire community remains our top priority. If you are sick, please stay home and get better before returning to campus.

• Notify your professor if you have to isolate, quarantine or are feeling ill.

• Notify CARE at magnusacts@csuohio.edu if you test positive off campus or are placed in quarantine due to a close contact.

• Mental Health If you are experiencing mental health challenges, do not hesitate to reach out to the university Counseling Center at 216-687-2267.

Students who do not wear masks in the classroom will need to leave the classroom and MAY be marked absent. Repeated violations of these health-saving protocols may lead to sanctions under the Student Code of Conduct (3344-83-04 [E] and [Z]) up to and including suspension or expulsion. The CSU community thanks you for your cooperation!

7.9 Disclaimer

The course coordinator, in consultation with instructors, reserves the right to modify these procedures as the course progresses, and to change the assignment schedule from the outline given. Any changes will be announced in class with adequate advance notice. You are responsible for being aware of any changes discussed in class and/or in the BBLearn course site. This includes exam days, homework due dates and changes in policy.
<table>
<thead>
<tr>
<th>Week 1</th>
<th>Monday</th>
<th>Wednesday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week 1</td>
<td>17-Jan</td>
<td>Integration Review; 6.1: Area between Curves</td>
<td>6.1: Area between Curves</td>
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<tr>
<td>Week 2</td>
<td>24-Jan</td>
<td>6.2: Volume, Density, Ave Value</td>
<td>6.4: Cylindrical Shells; Drop Deadline Jan 28</td>
</tr>
<tr>
<td>Week 3</td>
<td>31-Jan</td>
<td>6.3: Volumes of Revolution</td>
<td>7.1 Integration by Parts</td>
</tr>
<tr>
<td>Week 4</td>
<td>7-Feb</td>
<td>7.2: Trigonometric Integrals</td>
<td>7.3: Trigonometric Substitution</td>
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<tr>
<td>Week 5</td>
<td>14-Feb</td>
<td>7.5: Partial Fractions</td>
<td>7.6: Improper Integrals</td>
</tr>
<tr>
<td>Week 6</td>
<td>21-Feb</td>
<td>President's Day (No Classes)</td>
<td>7.6: Improper Integrals</td>
</tr>
<tr>
<td>Week 7</td>
<td>28-Feb</td>
<td>Review</td>
<td>10.1: Sequences</td>
</tr>
<tr>
<td>Week 8</td>
<td>7-Mar</td>
<td>Test 2: Sections 7.1 - 7.3 and 7.5 - 7.6</td>
<td>10.3: Convergence of Positives Term Series</td>
</tr>
<tr>
<td>Week 9</td>
<td>21-Mar</td>
<td>10.3: Convergence of Positives Term Series</td>
<td>10.3: Convergence of Positives Term Series</td>
</tr>
<tr>
<td>Week 10</td>
<td>28-Mar</td>
<td>Review</td>
<td>10.5: Ratio &amp; Root Tests; Withdrawal Deadline Apr 1</td>
</tr>
<tr>
<td>Week 11</td>
<td>4-Apr</td>
<td>Test 3: Sections 10.1 - 10.4</td>
<td>11.1: Parametric Equations</td>
</tr>
<tr>
<td>Week 12</td>
<td>11-Apr</td>
<td>Review</td>
<td>11.1: Parametric Equations</td>
</tr>
<tr>
<td>Week 13</td>
<td>18-Apr</td>
<td>Test 4: Sections 10.5 - 10.7; 8.4</td>
<td>11.3 Polar Coordinates</td>
</tr>
<tr>
<td>Week 14</td>
<td>25-Apr</td>
<td>11.2: Arc Length and Speed</td>
<td>11.3 Polar Coordinates</td>
</tr>
<tr>
<td>Week 15</td>
<td>2-May</td>
<td>11.4 Area in Polar</td>
<td>Review for Final</td>
</tr>
</tbody>
</table>

**Daily Schedule MTH182 - Spring 2022**

**Spring Recess: March 13 - 20**  
**Midterm Grade Deadline: March 14**

**Finals: May 7 - 13**  
**Commencement: May 14**  
**Final Grades due: May 17**