

MTH 2410: Calculus II

Course and Homework Policy

PROFESSOR CONTACT INFORMATION

Dr. Mandi A. Schaeffer Fry
Assoc. Professor of Mathematics
Dept. Math and CS
Metro State University of Denver

Office: Science 3033
E-mail: aschaeff6@msudenver.edu
Website: http://math.msudenver.edu/_u_/schaeffer-fry
Office Phone: 303-615-0754

Office Hours: (subject to change)
Mon: 11-11:50am
Mon: 3:30-4:30pm or various days/times by appointment
Wed: 11-11:50am

COURSE INFORMATION

MTH 2410, Section 003 Calculus 2

Fall 2018

Class Time: MW 12-1:50 PM

Location: Science Building 1011

Course Website: http://math.msudenver.edu/_u_/schaeffer-fry/teaching/calc2

Text: *Calculus for Scientists and Engineers: Early Transcendentals*, 1st edition, by William Briggs, Lyle Cochran, Bernard Gillett, and Eric Schulz, published by Pearson 2013

IMPORTANT! If you want the physical book, make sure you buy the version with MyMathLab access!

Catalog Course Description:

This is a second course in calculus. The topics covered include techniques of integration, applications of the integral, and infinite series, including Taylor's series. All sections of the course will make integrated use of the software package Mathematica and/or a graphing calculator.

Official Course Syllabus: <https://mcs.msudenver.edu/syllabi>

REQUIRED COURSE MATERIALS

- textbook: *Calculus for Scientists and Engineers: Early Transcendentals*, 1st edition, by William Briggs et al
- MyMathLab registration (see below)
- graphing calculator - TI83, TI83 plus, TI84 (or equivalent). Note that calculators which give algebraic answers in closed form (e.g. TI89) are **not** allowed.
- notebook (spiral, composition, etc) for homework assignments (see **homework** section)
- notebook (whatever you are comfortable with) for class notes OR Dr. Mandi's daily printouts of lecture outlines to take notes on
- active participation and a positive attitude!

If you buy a new book from the bookstore or online, make sure you purchase the version bundled with an access code for MyMathLab (our homework system). However, you can also buy MyMathLab without the book and it includes an electronic version of the entire book. If you are not sure which is the best option just come and talk to me after the first lecture. When signing up for MyMathLab, you will need our course ID: **schaefferfry94283**.

GRADES

The following grading scheme will be used to calculate the final grades (see the sections below for further details):

Item	Percent of Grade
Assignments (mostly MyMathLab)	20%
Gateway Exam	5%
Midterm Exams	50%
Final Exam	25%

Your final grade will be no lower than the following:

$\geq 90\%$	$\geq 80\%$	$\geq 70\%$	$\geq 60\%$	less than 60%
A	B	C	D	F

ATTENDANCE AND CLASS POLICY

Students are expected to attend every scheduled class and to actively participate. It is the student's responsibility to keep informed of any announcements, syllabus adjustments or policy changes made during scheduled classes, by email, or through the class pages.

Out of respect for yourself and your fellow classmates, please be prompt to class and stay until class is over. All electronics must be turned off by the beginning of class. This means cell phones, computers, etc (unless specifically stated). Please come to class ready to work with your classmates and be involved in the learning process!

An act of Academic Dishonesty may lead to sanctions including a reduction in grade, probation, suspension or expulsion.

Taking Notes: For this course, I will often provide outlines for the lecture notes that you can fill in during class. I recommend keeping an organized 3-ring binder or folder to store these in.

HOMEWORK

Homework is an essential part of this course. It is difficult to learn mathematics without attempting several problems on your own, so one of your best tools for learning the material is through homework, which will be completed using the MyMathLab system. I encourage you to complete the homework directly after the class in which we've covered the corresponding section. For some of you, the homework may take several hours a week.

MyMathLab: MyMathLab is a computerized homework and learning system, found at the site <http://www.pearsonmylabandmastering.com/northamerica/mymathlab/>. You will be required to purchase a MyMathLab account. MyMathLab homework will be assigned regularly (multiple assignments per week) and late homework will not be graded or accepted. Your MyMathLab homework grade will count as 20% of your grade. Note: if you used MML for Calc 1 or 2 at MSU Denver in a previous semester, your account should allow free access this semester.

Completing MyMathLab assignments: Start working on MyMathLab homework for each section immediately after that section is assigned. When completing the MyMathLab assignments, you have multiple tries to complete each problem. (So there is no excuse for not getting all 20%!)

I recommend keeping a well-organized notebook (spiral, composition book, etc) of your work for all MyMathLab assignments. This notebook should be separate from your class notes. I recommend printing out the problems and doing the assignment completely in your notebook before entering your solutions. This will help you later when you study for exams, and will help keep your thoughts organized while you work through the problems.

You are highly encouraged to work together - talking through problems with your classmates is a great way to solidify your understanding of the material. However, keep in mind that your solutions must be your own.

IN-CLASS ASSIGNMENTS

An unexcused absence during an in-class assignment will result in a 0 on that assignment. In particular, there will likely be a Mathematica lab midway through the semester. There may also be in-class and/or take-home quizzes based on homework.

GATEWAY EXAM

In order to receive a passing grade for the course, students must pass a gateway exam in integration. The passing level for this exam is 90% and it will be given **once** during a regular class period (tentatively scheduled for **October 3**), and you may retake the exam during office hours. The maximum number of attempts at the exam for any one day is two. After two failures, students must wait until the next day to retake the exam again. Students who are failing the course will receive an F whether or not they have passed the gateway exam. You must pass the Gateway by the last day of classes - it will be worth 5% of your grade in the course. You will receive 6 (bonus!) if you pass the first attempt, 5 (full credit) if you pass before November 1, and 4 points if you pass before Fall break. After this, you will receive 3 points if you pass the next attempt after Fall break, 2 points the attempt after that, etc.

MIDTERM EXAMS

There will be three exams during regularly-scheduled classes, *tentatively* scheduled for **Wednesday, Sept 19; Wednesday, Oct 24; and Wednesday, Nov 28.**

These exams together will be worth 50% of your grade. The use of cell phones or any form of cheating will not be tolerated.

MISSED EXAM POLICY

In general, there will be no make-up exams in the course. However, in complex and unusual circumstances which are beyond your control, provide a detailed account of the situation and supporting documents. Your final exam score will then be used to replace the missed exam. Approval in these cases is at the sole discretion of Dr. Mandi.

FINAL EXAM:

The final exam will be either on December 10 or 12. The exact time and place for the final exam will be announced during the semester. It will be worth 25% of your grade.

HELP

You can get help during office hours in SI 3033 and from walk-in tutoring in SI 1046. For information on these and more resources, see <http://mcs.msudenver.edu/student-support>. Please take advantage of these resources, and do not be shy about asking me questions!

If you are stuck on a problem and have already looked through your notes, talked to your classmates, and/or checked out some of the other resources mentioned, please feel free to utilize the “ask your instructor” feature in MyMathLab. It will send me a link to the specific problem you are struggling with. (But make sure to tell me about your thought process on the problem and where you are stuck and/or ask a specific question!)

STUDENTS WITH DISABILITIES:

Metropolitan State University of Denver is committed to making reasonable accommodations to assist individuals with disabilities in reaching their academic potential. If you have a disability which may impact your performance, attendance, or grades in this class and are requesting accommodations, then you must first register with the Access Center, located in the Plaza Building, Room 122, 303-556-8387.

The Access Center is the designated department responsible for coordinating accommodations and services for students with disabilities. Accommodations will not be granted prior to my receipt of

your faculty notification letter from the Access Center. Please note that accommodations are never provided retroactively (i.e., prior to the receipt of your faculty notification letter.) Once I am in receipt of your official Access Center faculty notification letter, I would be happy to meet with you to discuss your accommodations. All discussions will remain confidential. Further information is available by visiting the Access center website <http://www.msudenver.edu/access/>.

WITHDRAWING FROM THE COURSE: You may drop the course with a full refund through **Sunday, Aug 26**, and you may drop with 50% refund through **Wednesday, Sept 5**. You may drop with a W by **Friday, Nov 2**.

HOLIDAY INFORMATION Observance of religious holidays follows University policy. Further, there will be no classes on the following days:

- Labor Day: Sept 3
- Fall Break: Nov 19 - 23

UNIVERSITY POLICIES: Students are responsible for full knowledge of the provisions and regulations pertaining to all aspects of their attendance at MSU Denver, and should familiarize themselves with the following policies:

1. GENERAL UNIVERSITY POLICIES
2. GRADES AND NOTATIONS including WITHDRAWAL FROM A COURSE, ADMINISTRATIVE WITHDRAWAL, and INCOMPLETE POLICIES

Students should be aware that any kind of withdrawal can have a negative impact on some types of financial aid, including scholarships.

3. ACADEMIC DISHONESTY
4. PROHIBITION ON SEXUAL MISCONDUCT
5. ACCOMMODATIONS TO ASSIST INDIVIDUALS WITH DISABILITIES
6. CLASS ATTENDANCE ON RELIGIOUS HOLIDAYS
7. ELECTRONIC COMMUNICATION (STUDENT EMAIL) POLICY

For a complete description of these policies go to <https://mcs.msudenver.edu/policies>

TIPS FOR SUCCESS:

- Come to class, be engaged, and take careful notes
- Take advantage of office hours - I don't bite!
- Start the homework early so you have time to ask questions at office hours
- Work with your classmates - talking through problems together will help you learn the material
- Read the sections in the textbook ahead of time and work through the examples

Keep in mind: I'm here to help you learn. If you have a concern in the class, get stuck, or just need to talk about something you can always email or stop by my office. Remember, I can't help you if I don't know you need help!

Student Registration Instructions

To register for **MTH 2410 - Calculus 2 with Schaeffer Fry** :

1. Go to www.pearson.com/mylab .
2. Under Register, select **Student** .
3. Confirm you have the information needed, then select **OK! Register now** .
4. Enter your instructor's course ID: **schaefferfry94283** , and **Continue** .
5. Enter your existing Pearson account **username** and **password** to **Sign In** .
You have an account if you have ever used a MyLab or Mastering product.
 - » If you don't have an account, select **Create** and complete the required fields.
6. Select an access option.
 - » Enter the access code that came with your textbook or that you purchased separately from the bookstore.
 - » If available for your course,
 - Buy access using a credit card or PayPal.
 - Get temporary access.
7. From the You're Done! page, select **Go To My Courses** .
8. On the My Courses page, select the course name **MTH 2410 - Calculus 2 with Schaeffer Fry** to start your work.

To sign in later:

1. Go to www.pearson.com/mylab .
2. Select **Sign In** .
3. Enter your Pearson account **username** and **password**, and **Sign In** .
4. Select the course name **MTH 2410 - Calculus 2 with Schaeffer Fry** to start your work.

To upgrade temporary access to full access:

1. Go to www.pearson.com/mylab .
2. Select **Sign In** .
3. Enter your Pearson account **username** and **password**, and **Sign In** .
4. Select **Upgrade access** for **MTH 2410 - Calculus 2 with Schaeffer Fry** .
5. Enter an access code or buy access with a credit card or PayPal.