Course Syllabus: Introductory Analysis I
McCoy College of Science, Mathematics & Engineering
Math 4733 Section 101
Fall 2021

Contact Information
Professor: Dr. Dawn Slavens
Office: Bolin Hall 118L
Office hours: Mon. 9 – 10 AM & 2 – 3 PM; Tues & Thurs 3 – 4 PM; Fri. 9 – 10 AM
         Other times by appointment

Note: The above office hours well be held in-person. Please consider wearing a face mask when attending an in-person office hour. If you choose to not wear a face mask we will need to maintain a social distance of at least 6 feet. In addition, by emailing me you may schedule an appointment to meet with me virtually through Zoom during an office hour listed above or at a different, mutually agreeable, time. If you have scheduled an appointment to meet with me through Zoom, you will enter the meeting by clicking on the Zoom Meeting Link from the D2L Course Home page. To attend a Zoom meeting with me, you need to have made an appointment.

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Course Description
This course (and its sequel, Math 4833) will include a quick review with some extension of some of the topics in Math 3233 (Introduction to Modern Mathematics) followed by an in-depth study of the foundations of calculus to include Topology of the Real Numbers, Sequences, Limits and Continuity, Differentiation, Integration and possibly Infinite Series.

Textbook & Instructional Materials
Analysis with an Introduction to Proof, 5th Edition by Steven R. Lay

Attendance Policy
Attendance will be taken at the beginning of every class. Any student who is late or who leaves early may be counted as absent. This will result in a zero on any quiz or other assignment for the day. ***Any student who misses more than 3 classes may be dropped from the course.*** If you are going to miss class, please inform Dr. Slavens, if possible, prior to the missed class.

If you miss class, it is your responsibility to:

1. Contact Dr. Slavens after the missed class, but within 24 hours of the next class meeting, to get general information about what topics you missed and what you need to do to be ready for the next class meeting.
2. Get notes from another student for the day(s) you missed.

Grading

Dr. Slavens will use an 85-75-65-55 grading scale. Dr. Slavens will assign two types of homework sets for most sections of the text, a (mostly) non-proof set and a proof set. The (mostly) non-proof homework sets will be graded using a point system. The proof set will be graded based upon your "completion" rate. She also may give some quizzes (graded using a point system) and some in-class work (graded for "completion"). She intends to have three exams, and a final exam. Your average for (mostly) non-proof homework sets and any quizzes will account for 10% of your overall course average. The proof set homework "completion" rate (including possible in-class work) will account for 10% of your course average. The three exams will account for 60% of your overall course average. The final exam will account for 20% of your overall course average.

The proof set homework and possible in-class work will be graded based on your percentage of earned "complete" status.   A "complete" on a proof problem does not mean you must earn a perfect score on that problem. A "complete" means you have submitted a proof that Dr. Slavens has accepted as being more or less correct (in her opinion). Please note that:

(1) Assignments are generally due at the start of class on the assigned due date.

(2) When given the opportunity to "redo" a proof problem, the "redo" will be due on Tuesday of the week following the week your first submission of the problem was returned to you with Dr. Slavens' feedback.

(3) You must resubmit your first submission of a proof along with any "redo".

(4) A proof problem will have a maximum of one "redo".

(5) Late homework assignments will not be accepted and any "graded" proof problem on that assignment will be automatically counted as incomplete.

General Information Regarding Homework

Unless told otherwise, you are allowed (and even encouraged) to work with your classmates on homework exercises. Working with other students in the class can be a good way to learn. Please keep in mind that working with someone is different from helping someone after you have already completed your

assignment. When you work with someone, it is best done by coming up with a common time to get together and work on the assigned homework problems. In addition, it is important that each student write up their own solutions, and that no two people working together turn in identical solutions to problems. Dr. Slavens expects all homework submissions to be your own work, and for you to be able to mathematically defend/explain any solution that you submit.

If you want to help a fellow classmate understand how to work a problem after you have already figured it out, talk to them and give them advice or pointers, but never show them your completed work.

Homework submissions must follow Dr. Slavens' submission guidelines in order to be accepted.

Note that you are not allowed to consult with other print or internet sources for solutions to any assigned homework problem. This applies to homework problems on the mostly (non-proof) homework sets and problems on the proof homework sets. You may consult other MSU faculty members, and you may work with other students in our class, but you are not allowed to discuss homework with anyone else. ***See the Academic Dishonesty section of this syllabus for possible academic sanctions when academic dishonesty occurs.***

Tentative Exam Dates
The dates of the exams are scheduled for
- Exam One is on Tuesday, September 21, 2021
- Exam Two is on Thursday, October 21, 2021
- Exam Three is on Tuesday, November 23, 2021
- The Final Exam is on Thursday, December 9, 2021, 10:30am-12:30pm

Make-up exams are not generally given except in cases of severe illness or a documented emergency. If you feel either of these applies to you then you must contact the instructor on or before the day of the scheduled exam in order to have any possibility of taking a make-up exam.

Academic Misconduct Policy
All work that you do that contributes to your course grade must be your own work. Any evidence that you submitted work that is not your own is considered an act of academic dishonesty. An act of academic dishonesty will be reported to the university and will result in one of the following academic sanctions:

- Receiving an incomplete on a proof problem.

- Receiving a 0% for the entire "completion" rate portion of your overall course average.
- Receiving a 0 on a (mostly) non-proof homework assignment.
- Receiving a 0% for the entire (mostly) non-proof set homework portion of your course average.
- Receiving a 0 on an exam.
- Receiving an F in MATH 4733.
- Receiving an F in MATH 4733 that will remain permanently on your transcript and within your MSU GPA.

The university's academic dishonesty policy can be found at

https://msutexas.edu/student-life/_assets/files/handbook.pdf

Desire-to-Learn (D2L)
Use of the MSU D2L program is a part of this course. Each student is expected to be familiar with this program as it provides a primary source of communication regarding assignments, examination materials, and general course information. You can log into D2L through the MSU Homepage.

Cell Phone Policy
Please turn these off or place on silent prior to the beginning of class. All cell phones must be placed face down on the desk/table in front of you or put away in a bag, not in your lap or on your chair. Use of a cell phone or any other unauthorized electronic device (including earbuds) during class may result in the student being counted absent from class, which includes receiving a 0 on any submitted work for that day. Continued violation of the no cell phone use policy may result in a referral to the Dean of Students and/or the student may be withdrawn from the class by the instructor. Using a cell phone during a test will result in one of the penalties listed under the academic misconduct policy given in this syllabus.

Technology Requirements
In the event that MSU moves back to a prior Phase (See MSU Texas Task Force to Return to Campus document for Phase descriptions), you will be required to have access to technology that allows for online proctoring. You can find more information on these requirements on page 16 of the MSU Texas Task Force to Return to Campus document. You will need access to a computer with a webcam (not a Chromebook nor a cell phone nor an iPad nor an android tablet) that will allow for downloading the appropriate software needed for the online proctoring.

Services for Students with Disabilities
In accordance with Section 504 of the Federal Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, Midwestern State University endeavors to make reasonable accommodations to ensure equal opportunity for qualified persons with disabilities to participate in all educational, social, and recreational programs and activities. After notification of acceptance, students requiring accommodations should make application for such assistance through Disability Support Services, located in the Clark Student Center, Room 168, (940) 397-4140. Current documentation of a disability will be required in order to provide appropriate services, and each request will be individually reviewed. For more details, please go to Disability Support Services.

College Policies
Campus Carry Rules/Policies
Refer to: Campus Carry Rules and Policies