

Math 1483 – Mathematical Functions and Their Uses (Online)

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Course Objectives: Students will learn to analyze mathematical functions and their graphs from the viewpoint of the coordination of changes in quantities. Special emphasis will be placed on applications to the natural sciences, agriculture, business, and the social sciences.

Required Textbook Package and Supplies:

- **Textbook Package.** *Functions & Change: A Modeling Approach to College Algebra, Custom OSU edition with WebAssign*, by Crauder, Evans, and Noell. ISBN: 9781337071918
 - Once you've purchased an access code for WebAssign, register for this course using the following code: **okstate 4394 9631**
- **Graphing Calculator.** You are required to have a graphing calculator for this course. I will use a TI-84 graphing calculator for class demonstrations. You may check out a TI-83/TI-84 graphing calculator from the Mathematics Department (401 MS) for use during the semester while the supply lasts; there is NO charge.
- **Regular access to a scanner.** Because this is an online class, you will need regular access to a scanner to upload written assignments. Fortunately, there are smartphone and tablet apps that can be purchased for less than \$10 that considerably simplify this task (I recommend an app called TinyScanner, available on iOS and Android devices – last time I checked, the cost was about \$5 – visit <https://goo.gl/fazctx> for more information). There are also scanners in computer labs across campus. As noted later in this document, late assignments are not accepted – even for technical difficulties with scanners, so please ensure that this is taken care of before the first assignment is due.

Course Evaluation: Your efforts in this course will be assessed as follows:

Point Distribution		Grading Scale	
Online Homework & Quizzes (submitted through WebAssign)	100 points	630 - 700 points	A
Written Homework (submitted through scanning & uploading to D2L)	100 points	560 - 629 points	B
Exam #1	100 points	490 - 559 points	C
Exam #2	100 points	420 - 489 points	D
Exam #3	100 points	0 - 419 points	F
Final Exam	200 points		
Total Available	700 points		

***Due dates:** Because of the importance of staying current with the development of course material, homework and quizzes (whether online or on-paper) must be submitted by the specified due date. Late assignments will not be accepted. To account for excusable reasons for delinquent assignments and

absences, your lowest written assignment score and online assignment score will be dropped at the end of the term. If you believe that a situation warrants special accommodations beyond what I've mentioned here, then please come to see me as soon as possible after the situation has developed.

*** Examinations:** There will be three examinations and a comprehensive final exam. You have two options for taking each exam:

- Attend the on-campus exam session at the time and place listed below. If you live within driving distance of Stillwater, I highly recommend this option.

Exam	Date and location for on-campus session
1	Thursday, September 15, 5pm-6pm, MSCS 514
2	Tuesday, October 11, 5pm-6pm, MSCS 514
3	Thursday, November 17, 5pm-6pm, MSCS 514
Final	Thursday, December 8, 6pm-7:50pm, MSCS 514

- Schedule to take the exam with a qualified proctor at an approved university testing center on the same date as the on-campus exam session. If you wish to take your exam with a proctor, please download an approval form at <http://asoutreach.okstate.edu/images/pdf/Proctor-Agreement-Form.pdf>, have it filled out by your proctor, and return it to the address listed on the form. Note that acceptable proctors include only college or university testing centers. All proctor forms for all exams must be submitted by one week prior to the first exam (Thursday, September 8th). All applications for exam proctoring must be approved. This option is only recommended if you are unable (due to unavoidable scheduling conflicts or your location) to attend the on-campus exam sessions listed above.

Makeup exams will be permitted only if you request and obtain approval in advance, and only for serious and unavoidable conflicts. Makeup exams will be arranged between the student and instructor on a case-by-case basis. Exams will not be rescheduled for vacations, even if airline tickets are non-refundable and arranged by your family.

Attendance: Attendance is very important in any course, and this is still true for an online course. Here's what I mean: "attendance" in an online course generally means staying current with assignments and tasks: watching videos, reading excerpts from the course textbook, uploading assignments, etc. In fact, time management is even more important for an online course than for a typical course because you have to budget time to "attend" class (whereas in a conventional class you just show up at the required time). All in all, you should plan to spend *at least* 6 hours a week dedicated to this course. If this does not sound like something that you're prepared or willing to do, then it is unlikely that you will be successful in this course.

MLSC (Math Learning Success Center): The MLSC is located on the 5th floor of the library. This is a great resource -- tutors are available on a walk-in basis. For more information (such as hours of operation), visit <http://math.okstate.edu/mlsc>.

Additional University Information:

Syllabus Attachment: OSU has compiled useful information that applies to all classes. This website includes add/drop/withdrawal dates, university holidays, accommodations for students with disabilities,

academic resources, and much more. You are responsible for reading this information. Download by visiting <https://goo.gl/0aQUnk>.

Incomplete Grade: The grade of "I" is given to students who satisfactorily completed the majority of the course work and whose work averages "D" or better, but who have been **unavoidably** prevented from completing the remaining work of the course. A condition that the students must repeat the course in order to remove the "I" is not permitted. The maximum time allowed for a student to remove an "I" is one calendar year.

Academic Integrity: The University has explicit rules governing academic integrity. Please consult the OSU Syllabus Attachment mentioned above. Working with another person or in study groups on problems can be helpful in learning the material. I encourage you to work together if you find it helpful. However, **all written and online work submitted must be your own**. Academic dishonesty (cheating) will be dealt with as harshly as the university allows. Don't do it!

Special Accommodations for Students: If you think you have a qualified disability and need special accommodations, you should notify the instructor and request verification of eligibility for accommodations from the Office of Student Disability Services.

The instructor reserves the right to make changes to this syllabus in order to accommodate the needs of the class. Any such changes will be announced via email.