

Math 1483 – Math Functions and Uses

Fall 2016

TR 12:30-1:45, MSCS 445

Instructor: Hailey Bodiford
Office: 501 Math Sciences
Office Hours: Monday, Wednesday --- 4:00-5:30 pm --- MLSC
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Course Objectives: Students will learn to analyze linear, exponential, logarithmic, and other functions and their graphs from the viewpoint of rates of change. 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, 5th edition* by Crauder, Evans, and Noell.
- **Graphing Calculator.** You are required to have a graphing calculator for this course. I will use a TI-83 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. Check out times will be announced in class.

Course Evaluation: Grades will be calculated according to the following formula:

Percent Distribution		Grading Scale	
Daily Work	25 percent	90-100%	A
Project	5 percent	80-90%	B
Exam #1	15 percent	70-80%	C
Exam #2	15 percent	60-70%	D
Exam #3	15 percent	Below 60%	F
Final Exam	25 percent		
Total Available	100 percent		

If a student wishes to know the breakdown of their grade or wishes to know their grade between examinations, they should set up a meeting with the instructor. Grades will NOT be sent out via email.

* **Daily Work:** Daily work will mainly consist of homework quizzes. Homework will be assigned almost each class period. At the beginning of the following class period, each student will be asked to copy down their solutions (showing all their work for full credit) to one or two specified problems. **There will be no makeups of homework quizzes unless you have official documentation for a GOOD reason for being absent. Late work will not be accepted.**

* **Project:** In the last quarter of the semester, a group project will be assigned. In groups of three or four, students will be asked to “write their own final”. The groups will then exchange finals and take them. THIS IS NOT YOUR ACTUAL FINAL, BUT A STUDY EXERCISE FOR A GRADE.

* **Examinations:** There will be three fifty-minute examinations and a 200-point comprehensive final exam. Makeup exams will be given 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. Serious and unavoidable conflicts do not include things like vacations, even if airline tickets are non-

refundable and arranged by your family. If you miss the final exam, you will be given the opportunity to take it the following semester.

Exams will be given in class on the following dates:

Tuesday, September 6,

Thursday, October 6

Tuesday, November 15

The final exam will be given in our regular classroom* at the time scheduled in the OSU exam schedule:

Tuesday, Dec 6, 10:00-11:50 am

* **Attendance:** Attendance is very important in any course. Not surprisingly, students who attend class regularly do better! Please come to class prepared to work. Bring your textbook, a notebook, a pencil, and your graphing calculator to class with you each day.

If you do not attend class, you will receive a zero for any assignment turned in that day. The only time you might be able to redeem those points are if you have official documentation for being absent. University policy and the instructor determine if the student's reason is acceptable or not.

MLSC (Math Learning Success Center) The MLSC is located on the 5th floor of the library. The schedule will be posted on D2L. It is an additional resource for help with your homework.

Cell Phones: Turn off your cell phones in class. Cell phones may not be used at any time during class, unless cleared in advance by the instructor. Use of a cell phone during class for any reason will result in the student getting a zero on any assignment turned in that day.

D2L Site: Any additional information, such as additional office hours, will be posted on D2L.

Additional University Information:

Syllabus Attachment: OSU has compiled useful information that applies to all classes. A link will be posted on D2L. 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 now and having any questions answered.

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 on line 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 request verification of eligibility for accommodations from the Office of Student Disability Services.

* **Additional explanations can be found on the D2L site.**

Any changes to this syllabus will be posted on the D2L site and communicated to the students via email.