

## Math 1483 – 010 – Math Functions and Uses

TR 1230pm-145pm Fall 2014

**Instructor:** Scott Hader

**Office:** 409 Math Sciences

**Office Hours:** MLSC computer lab Thursday 2-3pm

My office Monday & Wednesday 2-3pm

**Email:** [scott.hader@okstate.edu](mailto:scott.hader@okstate.edu)

**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:

### Grading Scale

Point Distribution			
Homework	250 points	675-750 points	A
Exam #1	100 points	600-674 points	B
Exam #2	100 points	525-599 points	C
Exam #3	100 points	450-524 points	D
Final Exam	200 points	0-449 points	F
<b>Total Available</b>		<b>750 points</b>	

**Homework assignments:** Homework will be due each class period (except test days), and must be turned in when requested. Although late work will not be graded, I will drop 2 homework grades. Each assignment will be worth 10 points.

- Homework assignment number must be at the top of every assignment
- Problems must be submitted in order; the problem number (and **only** the problem number) must be written in the left-hand column.
- All work must be neat and legible. In most cases, answers must be in complete sentences.
- Homework with jagged edges will not be accepted.
- Pages must be stapled together (**not** dog-eared)

**Examinations:** There will be three examinations and a 200-point comprehensive final exam. In extreme circumstances, makeup exams will be given, but 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.

Exams will be given in class on the following dates:

**Thursday September 11, Thursday October 9, Thursday November 6, Tuesday December 9.**

**\*\*\*Attendance:** Since I am taking up homework every day, I will use that to take attendance. Now notice that homework is worth a very significant part of your grade. To emphasize how important I feel attendance is, I will reward diligent students by replacing your lowest test grade with a score of 100 minus 10 points for any additional absences after the second absence. For example, if you missed 4 class periods, I would replace your lowest test score with an 80 assuming your lowest test score was lower than 80. If you missed only 2 or fewer class periods, I would replace your lowest test score with a 100. So I am not punishing missing 2 or fewer class periods, but try to be present for each class.\*\*\*

**MLSC (Math Learning Success Center)** The MLSC is located on the 5<sup>th</sup> 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, including phone calls, texting, or games, will result in you being considered absent for the class.

**D2L Site:** All homework assignments will be posted on the D2L site (oc.okstate.edu). Any additional information, such as additional office hours, will also be posted on D2L.

**Additional University Information:**

**Syllabus Attachment:** OSU has compiled useful information that applies to all classes at <http://academicaffairs.okstate.edu/faculty-a-staff> 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 notify the instructor and 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.**