

## Math 1483 – Math Functions and Uses

Section 003

Spring 2015

MWF 10:30-11:20, HSCI 305

**Instructor:** Aaron Yeager  
**Office:** 432 Math Sciences  
**Office Hours:** Tuesday – 12:00-1:00 - 432 Math Sciences  
Thursday – 1:00-2:00 – MLSC room 4  
Also by appointment  
**\* Telephone:** 744-2307 – This is a land line, and does not receive text messages  
**\* e-mail:** aaron.yeager@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, 5<sup>th</sup> edition* by Crauder, Evans, and Noell.
- **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. Check out times will be announced in class.

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

Point Distribution		Grading Scale	
Homework	200 points	630-700 points	A
Exam #1	100 points	560-629 points	B
Exam #2	100 points	490-559 points	C
Exam #3	100 points	420-489 points	D
Final Exam	200 points	0-419 points	F
<b>Total Available</b>	<b>700 points</b>		

**\* Homework and in-class assignments:** Homework will be assigned each week there is not an exam. It will be due at the beginning of class on Fridays and must be turned in when requested. In general, late assignments will not be accepted. The amount of points possible on each homework will vary from 10 to 20 points depending on the length of the assignment.

- 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 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.

Exams will be given in class on the following dates:

**Wednesday, February 4,**

**Wednesday, March 11**

**Wednesday, April 15**

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

**Friday, May 8, 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.

Attendance will be taken each day and may be reported along with your grade. You must pay attention and participate in class activities to be counted as present. Students will begin the course with 100 attendance points; after the first two missed classes, five points will be deducted for each absence. If it helps your grade, your final attendance score will be averaged with your lowest 100-point exam score.

**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.

**Electronic Devices:** Turn off your cell phones and all electronic devices in class. Use of these devices may not be used at any time during class, unless cleared in advance by the instructor. Use of these devices 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. 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 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.**