

## Math 1483 – Math Functions and Uses

Section 62781

Spring 2016

MWF 11:30-12:20, HSCI 331

**Instructor:** Scott Hader  
**Office:** 409 Math Sciences  
**Office Hours:** Monday 2:30-3:20PM  
Wednesday 12:30PM – 1:20PM  
**MLSC Office Hours:** Wednesday 2:30PM – 3:20PM (I will be in the computer lab during this time)  
**e-mail:** 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, 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-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. Please get one early - they do run out.

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

Point Distribution	
Homework and Quizzes	300 points (150+150)
Exam #1	100 points
Exam #2	100 points
Exam #3	100 points
Final Exam	200 points
<b>Total Available</b>	<b>800 points</b>

Grading Scale	
720-800 points	A
640-719 points	B
560-639 points	C
480-559 points	D
0-479 points	F

\* **Homework and in-class assignments:** Homework will be due at the beginning of **each class period**. Late assignments will not be accepted in most cases.

- Homework assignment number must be at the top of every assignment
- Problems must be submitted in the order assigned; the problem number (and **only** the problem number) must be written in the left-hand column.
- All work must be in pencil, **neat and legible**. If I cannot read your work, I cannot give you credit for it.
- In many cases, answers must be in **complete sentences**.
- Homework with jagged edges will not be accepted.
- Pages must be stapled together (**not** dog-eared)

You will find the homework assignments in the Content area of our class site at <https://online.okstate.edu/d2l/home>.

\* **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:

**Friday, September 9**

**Friday, October 7**

**Friday, November 4**

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

**Wednesday, December 7, 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. Please do not ask if it is okay for you to miss class or if what is covered in class on a given day is important; the decision to miss class is yours alone. You do not need, nor will you receive, my permission.

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. They are open:

Sunday 1pm-9pm

Monday-Thursday 9am-9pm

Friday 9am-5am.

Please visit the MLSC page at <https://math.okstate.edu/mlsc/> for special information like special tutoring, office hours, and review sessions.

**Cell phones and other electronics:** Please turn off your cell phones in class, and put them away. Cell phones may not be used at any time during class, unless cleared in advance by the instructor. Use of a cell phone or other electronics, during class for any reason, including, but not limited to 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 (<https://online.okstate.edu/d2l/home>). 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 first visit the office of disability services, and then if you qualify, let me know what assistance you will need from me. I will be happy to accommodate.

\* **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.**