Math 1483: Math Functions and Uses, Section 007, Fall 2014

Class Meeting: MWF 11:30-12:20, in AGH 361

Instructor: Alek Malcom
E-mail: alekzam@okstate.edu (the best way to contact me)
Office: 431 Mathematical Sciences Building
Office Hours: Tues., 9:30-11:20; Wed, 9:30-10:20 and 4:30-5:20, and by appointment. All hours in the MLSC.
Online Classroom (D2L) site: https://oc.okstate.edu (then log in and find our course)
Textbook: *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**.**

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.

Syllabus Attachment: Please read the OSU syllabus attachment on the web at http://academicaffairs.okstate.edu/images/Patty/FacultyandStaffResources/Syllabus/fall 2014 syllabus-final.pdf. This has a lot of important information, including instructions about disability accommodations. Please contact me privately during the first week of the course if you need accommodations as the result of a disability.

Grading: Grades will be calculated according to the following formula:

Points Available		Grading Scale	
Homework, quizzes, and other in-class work	200 pts	630-700 points	A
three Midterms	100 pts each	560-629 points	B
Final Exam	200 pts	490-559 points	C
		420-489 points	D
Total	700 pts	000-419 points	F

I reserve the right to use discretion if you are on the borderline between two grades, taking into consideration performance on the final exam, improvement or decline during the semester, attendance, and my subjective judgment of your effort.

Homework: Homework will be due the class after it is assigned, and will not be accepted late. Each assignment will be worth 5 points. In addition there will be several 5-point in-class assignments and/or quizzes. The sum of the top 40 scores will be the homework point score.
• 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).

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, three 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.

Exams: 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.

All exams will be in class. The tentative hour exam dates are **Friday, September 12; Friday, October 3; and Friday, October 31**. I will communicate any changes in class and in writing. The final exam is on **Friday, December 12**, from 10:00 a.m. to 11:50 a.m.

Quizzes and Classwork: I will give short quizzes in class, usually but not necessarily always announcing them in advance. On some days, you may hand in other work that you complete in class, possibly individually and possibly done in groups. I will not announce days on which we do this classwork in advance.

MLSC (Math Learning Success Center) The MLSC is located on the 5th floor of the library. It is an additional resource for help with your homework, and is a good study space in general.

Conflicts: I will offer reasonable accommodation in the event that you miss a major assessment activity for a valid and documented reason, assuming documentation is provided **in advance unless absolutely impossible**. For an exam, you need to tell me as soon as you know you have a conflict and will be ineligible for a make-up if you do not. If you won't be in class when homework is due, turn it in early or give it to someone else to turn in prior to the deadline. I require proof of the reason for your absence (e.g., a doctor's note, proof of involvement in an OSU-sponsored activity, etc.), and you should not assume you will be eligible for a make-up exam unless I have explicitly approved your request. The same rules apply for attendance credit; I require documentation, usually in advance, to excuse any absence.

Special Accommodations for Students:
Incomplete Grades:
Academic Integrity:
* For further information about these topics, see http://academicaffairs.okstate.edu/faculty-a-staff and the syllabus attachment linked at the bottom of this page.

What if I need help? You have lots of resources for this course. Often students find it helpful to talk to each other and work through homework or practice problems together. You're encouraged to post questions and answers in the Discussion section of the Online Classroom. For **quick** questions, you can send me e-mail if you're really too shy to post there, and you should certainly come see me in person during office hours if you have something more than a quick question. Finally, there is free tutoring available in the MLSC. See http://www.math.okstate.edu/mlsc for details. **Above all, see me early if you have questions.** Good luck.

First Assignment: Easiest 5 points of the semester, due by 5:00 p.m. on Friday, August 22.

1. Send me an e-mail at alekzam@okstate.edu. Write me a **paragraph** (not a list) including your name, year in school, major, hometown, last math class (and instructor if taken at OSU), and anything interesting about yourself you want to tell me, especially your interests in and out of school. These e-mails let me know something about my students and help me get to know everyone. If you don't get a reply from me within a day, I probably didn't receive the e-mail; talk to me about it.
2. Go to https://oc.okstate.edu to log on to the Online Classroom (Desire2Learn). After logging in, you should see Math 1483 in your list of courses. Look at the course documents in the Content section, and find the Discussion board. You should use the Discussion board to converse with me and with others in the class about homework and exam preparation.
3. Read the syllabus attachment at http://academicaffairs.okstate.edu/images/Patty/FacultyandStaffResources/Syllabus/fall 2014 syllabus-final.pdf