Math 1483 – Math Functions and Uses

Section 62381   Fall 2017   MWF 12:30-1:20 HSCI 029

Instructor: Karen Strande
Office: Math Sciences
Office Hours: Monday, Wednesday, Friday 11:30am—12:15pm
                       Wednesday 2:30 pm at MLSC
                       Also by appointment
* Telephone: 744-5688 – This is the math department land line, and does not receive text messages
* e-mail: karen.strande@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 and Homework Package__*.   This course has online homework. If you are enrolled in the course by the end of the second week of classes, the Bursar's Office will automatically charge your student account for the (online) book and homework package. If you wish to purchase a loose leaf paper copy of the book, they are available at the bookstore for #31.50. The title is *Functions & Change: A Modeling Approach to College Algebra, 6th 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:

Percentage Distribution			Grading Scale	
Written homework, class work, web assign	25%		90-100	A
Exam #1	12.5%		80-89	B
Exam #2	12.5%		70-79	C
Exam #3	12.5%		60-69	D
Final Exam	25%		Below 60	F
Attendance and participation	12.5%			

* Homework and in-class assignments: Homework is a vital component to learning mathematics. You will be given homework over each of the sections in the text that we cover. Most problems will be assigned with answers in the back of the textbook so that you can check your work. Time will be given in class to answer questions about the homework. On occasion you will be asked to work in a group and submit your work. Homework will be collected at announced times and will be accompanied by a short quiz over the homework to check for comprehension. Please be professional with the homework by following these guidelines:

- 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 a**rea of the online site. Each homework will be listed by the section number covered in class.

Online Homework: Online homework will be assigned on Web assign with appropriate due dates. Late work is not accepted.

* Examinations: There will be three fifty-minute examinations and a 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: September 15th, October 18th, and November 15th.

The final exam will be given in our regular classroom* at the time scheduled in the OSU exam schedule:
Monday, December 11 10-11:50 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**, points will be deducted for each absence.

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

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**.

Brightspace Site: All written homework assignments will be posted on the D2L site (oc.okstate.edu). All grades will also be posted with automatic updates.   Any additional information, such as additional office hours, will also be posted online.

Additional University Information:

Syllabus Attachment: OSU has compiled useful information that applies to all classes. A link will be posted on line. 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 **<u>unavoidably</u>** 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 online at http://academicaffairs.okstate.edu

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