Math 1483 – Math Functions and Uses

Section 002   Fall 2015   MWF 8:30-9:20, HS 326

Instructor: Rachael Wood
Office: 432 Math Sciences
Office Hours: Tuesday – 10:30-11:20 - 432 Math Sciences
                         Friday –   12:30-1:30 – MLSC Room 1
                         Also by appointment
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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-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	
Classwork	200 points	675 - 750 points	A
Attendance	50 points	600 – 674 points	B
Exam #1	100 points	525 – 599 points	C
Exam #2	100 points	450 - 524 points	D
Exam #3	100 points	0 - 449 points	F
Final Exam	200 points		
Total Available	750 points		

*Classwork: Classwork consists of homework quizzes and in-class group work. Homework will be assigned each week there is not an exam.

- **Homework Quizzes:** At the beginning of class on Fridays, students will be asked to copy their solutions to some of the homework problems which were assigned that week. There will be 10 homework quizzes. All relevant work must be shown to receive full credit.
- **Group Work:** There will be occasional in-class group work assignments. All relevant work must be shown to receive full credit.

* Examinations: There will be three fifty-minute examinations and a 200-point comprehensive final exam. All relevant work must be shown to receive full credit. Your lowest grade from exams 1, 2, or 3 will be replaced by your final exam grade if your final exam percentage grade is higher. 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 18,   Friday, October 16   Friday, November 20

The final exam will be given in our regular classroom at the time scheduled in the OSU exam schedule:
Monday, December 7, 8:00-9:50 am

*Class Number: In order to quickly sort assignments and input grades, each student will be assigned a class number that must be written, along with their name, on all assignments. Failure to do so will result in a **3** point deduction from the assignment's total score.

* 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. After the first three absences, four points will be deducted from your attendance grade for each absence. Poor attendance will negatively impact your grade.

MLSC (Math Learning Success Center): The MLSC is located on the 5th floor of the library. The schedule will be posted on D2L. It is an additional resource for help with your homework.

Electronic Devices: Students should not use cell phones or other electronic devices in class, unless cleared in advance by the instructor. Such devices are distracting to fellow students and 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.

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