MATH 1483 – Math Functions and Uses

Instructor: Stephanie Johnston

Office: MS 442

Office Hours: MWF 9:30 AM – 10:25 AM in MS 442

W 2:30 – 3:30 PM in MLSC, Room 4

Thursdays, 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-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.

Classroom Decorum

You are expected to act in an attentive, respectful, non-disruptive manner in the classroom. Cell phones, iPods, laptops and other electronic devices are to be turned off and put out of sight before the beginning of class. Please make sure to silence your cell phone at the start of class, as it can be very distracting to both yourself and others. Activities during the lecture such as visiting with other students, talking on the phone, texting, reading the newspaper, working on material for another class, sleeping, playing video games, etc. is disrespectful and disruptive. You will be asked to leave the classroom if your actions involve the activities above and/or your actions are distracting or inattentive.

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.

This site will also have a copy of the syllabus posted. Please make sure to check online for any question regarding the syllabus. Emails containing questions answered in the syllabus may not be answered.

Course Evaluation

Grades will be calculated according to the following formula:

Point Distribution			Grading Scale	
Homework and in-class assignments	250 points		675 - 750 points	A
Exam 1	100 points		600 - 674 points	B
Exam 2	100 points		525 - 599 points	C
Exam 3	100 points		450 - 524 points	D
Final Exam	200 points		0 - 449 points	F
Total Points	750 points			

Homework and in-class assignments: Homework will be due each class period, and must be turned in when requested. Late assignments will not be accepted. Each assignment will be worth 5 points. In addition there will be some in-class assignments. I will drop the (4) assignments with the lowest grade. There will be no-make up for assignments not turned in due to absence, so remember that these four dropped assignments will cover all absences

- 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 in pencil, neat and legible. If I cannot read your work, I cannot give you credit for it.
- In most cases, answers must be in complete sentences.
- Homework with jagged edges will not be accepted.
- Homework must be submitted on standard size loose-leaf paper.
- Pages must be stapled together (**not** dog-eared)

Exams

There will be three fifty minute exams and a 200 point comprehensive final. The exam schedule is as follows:

Exam 1   Friday, September 18th

Exam 2   Friday, October 16th

Exam 3   Friday, November 20th

The final exam has been scheduled for **Wednesday, December 9th 10:00 – 11:50AM**

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 5th floor of the library. The schedule will be posted on D2L. It is an additional resource for help with your homework.

Makeup Policies
There are NO make-up homework or in class assignments. Your lowest (4) grades in this category will be dropped. A student will be offered reasonable accommodations for a makeup exam in the event that the student misses an exam for a valid and documented reason as shown below.

Valid Reason for Make-Up Exam (With Documentation)	NOT Valid Reason for Make-Up Exam
• Military Service • University sponsored activities that are NOT optional and cannot be rescheduled. • Illness requiring a doctor's visit • Long-term hospitalization	• Medical conditions not requiring a doctor's visit • Conflicts with other class or work schedules • Travel plans for holidays or semester breaks • Alarm clock failure, oversleeping • Misreading the schedule, forgetfulness • Car trouble, no parking space, OSU bus problems • Social or fraternity/sorority obligations • Boyfriend / girlfriend issues • Job interviews, job or career fairs

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 <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.

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