Math 1483 – Mathematical Functions and their Uses

Fall 2017   MWF 12:30-1:20   Life Sciences East Room 217

Instructor: Dr. Janice French
Office: Math Building Room 512
Tentative Office hours: Friday, 8:00-9:00 – Math 512
                         10:30-11:30 – MLSC
                         Immediately after class, Monday, Wednesday, Friday
              Also by appointment

Telephone: Monday through Thursdays, you can reach me during business hours at 744-5282
           Friday (morning, before 10:15) – 744-1802
           Both of these are land lines. They do NOT receive text messages.
e-mail: jfrench@osufpp.org (or janice.french@okstate.edu) This is the best way to reach me. I will do my best to reply within three hours to messages sent during "normal" hours.

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. The knowledge and skills learned in this course should enable students to become more informed citizens and more informed consumers.

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 supplies last; there is no charge. Please get one early – they do run out.

Course Evaluation: Grades will be calculated according to the following system. Your grade will be (points scored/800)*100.

Component	Points
Written Homework/In-Class Work	100
WebAssign Homework	100
Midterm 1	100
Midterm 2	100
Midterm 3	100
Final exam	200
Attendance/Participation	100
TOTAL	800

Letter grades will be assigned, based on percentages, as follows:
100 – 90   A
89 – 80   B
79 – 70   C
69 – 60   D
59 and below   F

Homework
You will find the **written** homework assignments in the Content area of our class D2L (Brightspace) site (online.okstate.edu). The online homework problems can be found in Web Assign (http://www.webassign.net/).

Written Homework: Written homework will be due at the **beginning of EACH class period.** Late assignments will not be accepted, but you may submit your homework on time, by email, followed by the original, on paper, when you return to class.
- 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 **neat and legible.** If I cannot read your work, I cannot give you credit for it.
- Answers must be in **complete sentences.**
- Homework with jagged edges will not be accepted.
- Pages must be stapled together (**not** dog-eared).

Online Homework: Online homework will be due before midnight on the dates due**.** Late assignments will not be accepted. These assignments will be due each class day.

Examinations: There will be three fifty-minute examinations and one two-hour comprehensive final exam. Make-up 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. Please DO NOT ask to take the final exam at another time. 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. The sections indicated in parentheses are subject to change.
        Sept. 15   **Oct. 18**   **Nov. 15**

The final exam will be given at 10:00, Monday, December 11. This is the time scheduled in the OSU exam schedule (available at http://registrar.okstate.edu/Exams)

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 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 is part of your grade. There are 44 course meetings, and since attendance is worth 100 points, each course meeting is worth $100 / 44 = 2.27$ points. Since three of those meetings are exams, and you're allowed to miss two, you will lose 2.5 points for each day you miss. (If classes are cancelled due to weather or other events, you will not be counted absent). Arriving late or leaving early will result in your not earning the full points for that day. Similarly, texting / surfing the web / otherwise being distracted will result in only partial credit for that day. Put simply, you must ATTEND class, not just be present physically. Attendance points may be made up only in the event of an absence due to a university-sponsored event and at the instructor's discretion. Making up attendance points due to such an event requires appropriate documentation as to the nature of your participation.

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.

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, games, or use of the phone as a calculator will result in you being considered absent for the class.

D2L Site: All written homework assignments will be posted on the D2L site (online.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. Here is a link to the file:

[Fall Syllabus Attachment](#)

This file 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 online 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 request verification of eligibility for accommodations from the Office of Student Disability Services.

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