

## Math 150 Elementary Functions

Autumn Quarter 2009

T,R, at 10:30am-12:45pm in DC

**Instructor:** Dr. Jan Lang  
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**Office Hours:** T,R 9:45am-10:15am & 3:40pm-4:20pm or by appointment (*I'll be happy to see you ☺*).

**Text:** Precalculus – Mathematics for Calculus" by Stewart, Redlin and Watson, 5<sup>th</sup> OSU Custom edition.

**Calculator:** The use of a graphing calculator is required but the TI-89, TI-92 and any calculator that uses a computer Algebra System (CAS), are not allowed.

**Prerequisite:** Mathematics 148 or satisfactory score on Ohio State Math Placement Test or permission of dept. Not open to students with credit for 151, 161, H161, or H190. This course is available for EM credit.

**Catalog Description:** Inverse functions, logarithmic, exponential and trigonometric functions, and their graphs; complex numbers.

**Purpose of Course:** To learn the basic aspects of the elementary functions (rational, exponential, logarithmic, and trigonometric).

**Tests:** These are tentative dates. We may change them as per our schedule.

Midterm I. October 22nd (Sections 2.1 – 3.7)

Midterm II. November 19th (Sections 4.1 – 6.4)

Final Exam: December 10th at 10-11:48am (Comprehensive)

**Grades:**

7 quizzes ( @ 10) (only the best 5 grades):	50
HW 29 (@2) (only the best 20):	40
Midterms (2 @ 100):	200
Final Exam:	200

**Grading Scale:** You may use the following (preliminary) percentage cut off to calculate your grades:

A	A-	B+	B	B-	C+	C	C-	D+	D
90	87	83	80	77	73	70	67	63	60

**Make-ups:** There will be no make-up midterm tests. Those not wishing to receive a grade of zero will need evidence of a valid excuse under university rules. Make-up exams will not be offered unless you have official written excuse such as a letter from your employer indicating (1) your work hours, and (2) that you have to be at work during those hours, or a note from your physician. However, all absences from exams must be brought to my attention prior to the exam. No Make-up will be given for a missed final and quizzes. illnesses. (STUDENTS SHOULD NOT MAKE TRAVEL ARRANGEMENTS THAT CONFLICT WITH THE FINAL EXAM. SUCH A CONFLICT IS NOT A VALID REASON FOR MISSING THE REGULARLY SCHEDULED FINAL EXAM)

**Attendance** is mandatory. Poor attendance may result in your disenrollment. You will get +2% for good attendance (85% or better).

**Classroom Etiquette:** Arrive on time is required. Brief (and rare) whispers to help a neighbor understand the material are usually tolerated but the other talking is disruptive and may result in your disenrollment.

**Collaboration:** Getting together with other students to discuss HOW to solve problems is encouraged. but you must be able to do the work and calculation on your own.

**Copying** any part of someone else's work (on homeworks, quizzes, test or exams) and handing it as your own work is academic misconduct (cheating) and has serious consequences at this university

**Alternative Formats:** Course materials will be available in alternative formats (large print, audio, etc.) to accommodate students with disabilities. Please see the Office of Disability Services to make arrangements.

***Note:** The techniques you learn need to be used and staying current with the suggested homework is necessary. **Do not fall behind** – if you need help, get it right away (see office hours above or get help in the learning skills lab from Math tutors).*

*If, after practice, you are able to do the homework questions quickly and correctly then you should do well on the quizzes, test and the final exam.*

***Keep up with the course material and work on math every day!** You cannot learn mathematics (or anything worthwhile) by simply watching. Get involved in your own education: think, work hard, ask questions (me or tutor). You won't regret it.*