

Math 171: Calculus I, Spring 2014 Lecture: MWF 2:10-3:00 Heald G3

Prof. Sergey Lapin, slapin@wsu.edu, Neill 327, (509) 335-3134

Office Hours: M 4:10-5, WF 3:10-4 and by appointment

Text: Essential Calculus-Early Transcendentals, 2nd ed, by James Stewart.

Exams: Midterm exams are Thursday, February 20 at 6:00 pm and Thursday, April 10 at 6:00 pm, rooms TBA. Final exam is Friday, May 9, 7:00-10:00 pm, rooms TBA. Final can NOT be taken early. All three exams are closed book, no calculator. Bring photo ID to each exam.

Homework/Quizzes: Homework will be assigned in lecture and collected by your TA the week after it is assigned. You are responsible for doing your own homework, but it is appropriate and often advantageous to work with a study partner or a small study group. Your TA will discuss his/her specific homework requirements/policies. Your TA will give you weekly quizzes in tutorial, except for the first week and exam weeks.

Course Objectives: In Math 171, we deal with functions which are constructed by starting with trigonometric, exponential, logarithmic, root and/or power functions, and combining them using addition, subtraction, multiplication, division, and/or composition. We refer here to any function of this form as a 'Calc-1 function'. For Calc-1 functions, we will study how to:

- Find any one- or two-sided limit of the function;
- Find the first and second derivatives of the function;
- Assess the continuity of the function on its domain;
- Use all the above information to graph the function;

For certain forms of Calc-1 function, we will also study how to:

- Find the indefinite integral of the function, after recognizing that it is of the proper form;
- Find any definite integral of the function, after recognizing that it is of the proper form.

Any student who passes this course (i.e. earns a C or better) should demonstrate and retain an ability answer typical questions involving the above procedures. The term 'typical' here is admittedly vague. The student should develop a good idea of what 'typical' means by working through the homework assignments and attending lectures and tutorials.

Some Advice: Attend lectures and tutorials regularly. Always show work and/or explanation, unless you're told that you don't have to. Take advantage of office hours, and do not get behind. Do not plan to leave town before the final exam. University regulations prohibit us from giving you the exam early.

Grading*:		
Written Homeworks (12)	150 pts	*Your TA will keep and manage your grades. You should assume that standard 60-70-80-90 grading scale will be used for the course.
Tutorial Quizzes (8)	150 pts	
2 midterm exams	200 pts	
Final exam	200 pts	
Total Possible:	700 pts	

Academic Integrity: Washington State University, a community dedicated to the advancement of knowledge, expects all students to behave in a manner consistent with its high standards of scholarship and conduct. Students are expected to uphold these standards on and off campus and acknowledge the university's authority to take disciplinary action. The purpose of these standards and processes is to educate students and protect the welfare of the community. The standards of Conduct for Students can be found at <http://conduct.wsu.edu>.

Students with Disabilities: Reasonable accommodations are available for students with a documented disability. If you have a disability and need accommodations to fully participate in this class, please either visit or call the Access Center (Washington Building 217; 509-335-3417) to schedule an appointment with an Access Advisor. All accommodations **MUST** be approved through the Access Center.

WSU Safety Measures: Washington State University is committed to maintaining a safe environment for its faculty, staff, and students. Please visit <http://safetyplan.wsu.edu> and <http://oem.wsu.edu/emergencies> to access the Campus Safety Plan and emergency information. You should also become familiar with the WSU Alert Site (<http://alert.wsu.edu>) where information about emergencies and other issues affecting WSU will be found.

Tentative course schedule	
week 1:	1.1, 1.2, 1.3, App A
week 2:	1.4, 1.5
week 3:	1.6, 2.1
week 4:	2.2, 2.3
week 5:	2.4, 2.5
week 6:	EXAM 1, 2.5, 2.6
week 7:	2.7, 2.8, 4.6
week 8:	3.1, 3.2, 3.3
week 9:	3.5, 3.6, 3.7, 4.1
week 10:	BREAK
week 11:	4.2, 4.3
week 12:	4.4, 4.5, 4.7
week 13:	EXAM 2, 5.1, App B
week 14:	5.2, 5.3
week 15:	5.3, 5.4
week 16:	5.5, Review
week 17:	FINAL EXAM

Section	Time	TA	Day	Room
1	7:45am-9am	P. Torres	Tu	NEIL 101W
			Thur	TODD 434
2	9:10am-10:25am	P. Torres	Tu	NEIL 101W
			Thur	FULM 150
3	4:15pm-5:30pm	J. Mcenerney	Tu	NEIL 101W
			Thur	TODD 307
4	2:10pm-3:25pm	A. Colvin	Wed	NEIL 101W
			Fri	CUE 207
5	3:45pm-5:00pm	A. Colvin	Wed	NEIL 101W
			Fri	TODD 413
6	12:45pm-2:00pm	C. Chappelle	Wed	NEIL 101W
			Fri	CUE 207
7	1:25pm-2:40pm	W. Wang	Tu	NEIL 101W
			Thur	SLOA 5
8	10:35am-11:50am	C. Bylund	Tu	NEIL 101W
			Thur	CUE 209
9	2:50pm-4:05pm	J. Mcernerney	Tu	NEIL 101W
			Thur	CUE 207
10	12:00pm-1:15pm	C. Chapelle	Tu	NEIL 101W
			Thur	TODD 301