

JOSH ENGWER -- MATH1451-026 (Calculus I): EXAM 1 Info/Logistics/Advice

INFO:

- When: Friday (9/21) at 3:00pm -- Duration: 50 minutes
- # Questions will be reasonable for a 50-min exam. Bonus questions? Yes
- Covers Chapter 2 (though Ch1 material may be necessary to work some problems)
- In Section 2.4, focus only on finding limits of exponential & logarithm expressions
- Subsections in book NOT covered (and, thus, to skip):
 - Finding limits via a table [EXAMPLES 1-4 on pgs 50-52, EXAMPLE 6 on pg 54]
 - Violent Oscillation [EXAMPLE 8 on pg 56]
 - Formal Defn of a Limit [pgs 56-58, EXAMPLE 5 on pg 77]
 - Squeeze Rule [pgs 67-68]
 - One-sided Continuity [pg 74]
 - EXAMPLE 2(d),(e) [pg 74]
 - Intermediate Value Theorem (I-V-T) [pgs 76-77]
 - Limit definition of e [pg 85]
 - Exponential Growth [EXAMPLE 8 on pg 87]
 - Continuous Compounding of Interest [pgs 87 – 89]
- Provided formulas on exam: The two special trig limits involving sine & cosine (pg 66) – that's it!
- Parts of problems worth more points require more work (and time) – so manage your time!

LOGISTICS:

- All you need to bring are pencil(s) & your Raidercard.
- Backpacks are to be placed at the front of the classroom.
- Books, notes, notecards, calculators NOT PERMITTED.
- Mobile devices (phones, tablets, PC's, music, ...) are to be shut off and put away.
- Clear your desk of everything except pencil(s). Exams will not be handed out until everyone does this.
- No talking, cheating, or listening to music!
- Tissues will be furnished – for allergies, not for sobbing.
- Print your name at the top of the exam. Print your initials at the top of subsequent pages.
- There will be a proctor (in addition to me).

ADVICE:

- Don't be late to the exam.
- Review past homework, and perhaps even work some similar problems in the textbook.
- Review the relevant Lecture Notes, especially [LIMITS-I] & [CONTINUITY]
- Study for the exam together in groups.
- Show up to the review session on Wednesday (9/21) from 3pm – 5pm.
- Attempt bonus questions.
- SHOW APPROPRIATE WORK! DO NOT APPEAL TO L'HOSPITAL'S RULE!
- Unsure what constitutes 'appropriate' work? Look at examples worked in lecture & in Lecture Notes.