Math 121R: Calculus I Recitation

Instructor: Prof. Roger Reakes

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Office Hours: Tuesday 10:00 am to 12:00 pm and Thursday 12:00 pm to 2:00 pm
                        All office hours are by appointment. To make an appointment, please use the link:
                        https://rreakes24.youcanbook.me

Description: This recitation provides students in Math 121 with an opportunity to review and practice skills such as trigonometry, exponential and logarithmic functions, and algebra needed to succeed in calculus. It will also provide time to practice new concepts from calculus.

Learning Outcomes   By the end of the course, successful students will be able to:

   • understand and manipulate various types of functions

   • understand and apply algebraic techniques to the study of calculus

Testing Out of Topics: During the first recitation session, you'll take 8 quizzes covering all precalculus topics which will be discussed in Math 121R. The topics for each week's session will be assessed separately. If you score high enough on a particular session's topics, you'll receive credit for that session and are not required to attend recitation that week. However, you are welcome to attend all weeks if you'd like more practice. Some topics will be covered in more than one session, and you'll have an additional chance to test out of them between the first and second sessions where they are discussed. A few sessions are reviews of calculus material. If your midterm grade is an A or B, you will receive credit for the last three calculus review sessions (optimization review, integral review, and final exam review), although of course you are still welcome to attend those weeks.

Attendance Policy: Class attendance is expected unless you have tested out of that day's material. If you do have to miss class, you are responsible for contacting us in advance to discuss whether your absence can be excused. However, if you have a temperature of 100.4 or higher or other coronavirus symptoms, don't come to class. Call Health Services IMMEDIATELY. Do not come to class or go to any public area on campus. Give Health Services permission to notify us that you have consulted them about coronavirus symptoms so we know that's where you were. If your absence is not coronavirus related and you have not discussed it with us beforehand, you will not receive credit for that week's session. If Health Services informs you that you should isolate and not attend class for multiple days or weeks, inform us so that we can make a plan to handle your absence.

Mask Policy: Unless the college changes its policy, face coverings/masks are no longer required. However, anyone is welcome to wear a mask for some or all of the semester, and anyone who feels sick is highly encouraged to wear a mask.

Grading: Your grade for each weekly session of recitation will be assigned based on attendance and participation. If you tested out of that week's session, you will receive full credit whether or not you attend. At the end of the semester, your overall recitation grade will be sent to your Math 121 instructor.

Extra Resources: Subject tutoring is available through the Center for Teaching and Learning (in Fintel Library). Special Needs If you have a disability that may require an accommodation in this course, please let us know and provide your documentation within the first 2 weeks of the semester. We must have your documentation at least 48 hours prior to any accommodation We make. (Check with the Center for Teaching and Learning for their scheduling guidelines.)

Course Schedule:

Date	Topic(s)
18-Jan	Overview of Course & Administer Test-out Quizzes
25-Jan	Factoring, Canceling, Fractions
1-Feb	Lines, Exponent Rules
8-Feb	Trigonometry
15-Feb	Exponential Functions, Logarithms
22-Feb	Solving f(x)=0 (factoring, quadratic formula, etc)
29-Feb	Review of Derivatives
7-Mar	Spring Break! No Class
14-Mar	Right Triangles, Geometry
21-Mar	Optimization & Realted Rates Review
28-Mar	Sums
4-Apr	Review of Integrals
11-Apr	Exponential Functions, Logarithms Revisited
18-Apr	Review for Final