MATH 121R Calculus 1 Recitation
Spring 2022

Instructor: Roger Reakes   **Office:**   Trexler Hall 161B
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Office Hours: All appointments will be using Zoom Meetings until further notice.

Monday 4:00 pm - 6:00 pm; Wednesday 12:00 pm to 2:00 pm; Friday 10:00 am to 12:00 pm

All office hours are by appointment. To make an appointment, please use the link: https://rreakes24.youcanbook.me

If these hours do not work with your schedule, please call or email me to set up a Zoom Meeting appointment. I will do my very best to accommodate both of our schedules.

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 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.

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: Until the college changes its policy, face coverings/masks must be worn over the mouth and nose by all students and instructors in classrooms and hallways of academic buildings. Students who come to class without a face mask that is being worn properly will be asked to leave and will be readmitted only after they are wearing one.

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.)

Academic Integrity: We expect all of you to follow the Academic Integrity policies of Roanoke College. If you ever have questions about how these policies apply to our class please contact us. Any violations of these policies will automatically be turned over to the Academic Integrity Council.

Pandemic Planning: If college policies change due to the pandemic, we will distribute an updated syllabus. We will email you our new plan and post details on Inquire. You should email us with any questions or challenges that arise.

Course Schedule: Dates/topics in bold are required unless you tested out of them.

Date	Topic(s)
20-Jan	**Overview of Course & Administer Test-out Quizzes**
27-Jan	**Factoring, Canceling, Fractions**
3-Feb	**Lines, Exponent Rules**
10-Feb	**Trigonometry**
17-Feb	**Exponential Functions, Logarithms**
24-Feb	**Solving f(x)=0 (factoring, quadratic formula, etc)**
3-Mar	Review of Derivatives
10-Mar	**Fall Break! No Class**
17-Mar	**Right Triangles, Geometry**
24-Mar	Optimization review
31-Mar	**Sums**
7-Apr	Review of Integrals
14-Apr	**Exponential Functions, Logarithms Revisited**
21-Apr	Review for Final