Math 121R: Calculus I Recitation

Dr. Hannah Robbins Trexler 270H, robbins@roanoke.edu

Student Help Hours / Office Hours **Monday and Wednesday 10 - 10:45 am, Wednesday and Friday noon - 1 pm**, or by appointment. (No need for an appointment if you come during office hours)

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 week's material. If you have to miss class, you are responsible for contacting us as soon as possible to figure out how to handle your absence. If you haven't tested out, don't come to class, and don't contact us, you won't get credit for that week.

Mask Policy Anyone is welcome to wear a mask for some or all of the semester. **If you feel sick and plan to come to class, please wear a mask over your nose and mouth!** (The rest of the class thanks you in advance.)

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. You won't get a separate grade for Math 121R.

Extra Resources Subject tutoring is available Sunday - Thursday from 4 - 9 pm at the Dr. Sandee McGlaun Writing Center and Subject Tutoring (in the lower level of Fintel Library). Stop by or schedule an appointment through Navigate ("Schedule an Appointment" → "Writing Center and Subject Tutoring" → "Writing Support" or "Course Tutoring" → preferred date and tutor.) Contact subject_tutoring@roanoke.edu or 540-375-2590 for more information.

Accommodations If you get any academic accommodations in this course, please let me know and provide your documentation as soon as you can - preferably within the first 2 weeks of the semester. (Check with the Center for Teaching and Learning for their scheduling guidelines.)

Mask Policy Anyone is welcome to wear a mask for some or all of the semester. **If you feel sick and plan to come to class, please wear a mask over your nose and mouth!** (The rest of the class thanks you in advance.)

Course Schedule   These are all Thursdays. Note that 11/20 will be a compressed schedule!

Date	Topic(s)
A 28	Take test-out quizzes
S 4	Factoring, Canceling, Fractions
S 11	Lines, Exponent Rules
S 18	Trigonometry
S 25	Exponential Functions, Logarithms
O 2	Solving f(x)=0
O 9	Derivative Review
	Fall Break
O 23	Right Triangles, Geometry
O 30	Optimization Review
N 6	Sums
N 13	Integral Review
N 20	Exponential Functions, Logarithms
	Thanksgiving Break
D 4	Final Exam Review