

Lindsey Fleegle

Pre-Calculus Honors/MAT187

Room #CC407

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Dual Enrollment - Mountain Ridge High School and Rio Salado Community College

Rio Salado College – 2323 W. 14th Street – Tempe, AZ 85281 – (480) 517-8000

Course: MAT 187

Title: Pre-Calculus Honors

Semester: Fall 2024 and Spring 2025

Section: 16814

Precalculus, Blitzer, Pearson

This course is aligned with Arizona College and Career Ready Standards and/or additional content standards and supports schoolwide efforts to increase student achievement.

By the time the student completes this course, the student will:

1. Develop a strong understanding of functions, including linear, quadratic, exponential, logarithmic, trigonometric, and piecewise defined functions.
2. Become well versed in the properties of algebra, and graphs of the above functions.
3. Develop an understanding of the language of functions (domain and range, odd and even, periodic, symmetry).
4. Develop problem-solving skills using a variety of methods.
5. Develop how to make connections between a model and real-life problems.
6. Develop how to enhance one's understanding of curriculum.
7. Develop how to extend and apply previously learned mathematics.

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This class earns 5 hours of college credit. The college credits earned through Rio Salado transfer to all the Maricopa Community Colleges, NAU, U of A, ASU, and some colleges/universities outside of Arizona. To determine the transferability outside the state, please call that particular college or university. The cost is \$97/credit hour and a \$15 registration fee are

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Course content may vary from this outline to meet the needs of this particular group.

College policy prohibits any conduct which is harmful, obstructive, disruptive to, or interferes with the educational process. Therefore, the faculty of Rio Salado insist that the language of any communication between students and instructors or among students meeting electronically or in person at any Rio Salado site shall maintain the level of formality appropriate to any college teaching/learning situation. Excessively informal, rude, or insulting language will not be tolerated. Students who engage in such behavior will be o

80% Assessment (tests, quizzes, projects, midterm and final exam)

20% Coursework (class work, homework)

100% - 90%

89% - 80%

79% - 70%

69% - 60%

59% - 0%

Homework will be assigned and each assignment will be due by the due date. There are no exceptions.

...No

Due to being a dual enrollment course, students are given ONE retake per semester on a 100 point assessment. The maximum score on a retake is an 80%

To earn a retake opportunity, a student must complete all of the fqr

should direct students to contact their teacher before submitting classwork if the student is unsure if the tool or website they are using is permitted on a specific assignment.

