Functions and Change: What functions are, how they work, examples (e.g., daily snowfall).

Exponential Functions: Growth and decay, real-life examples like population growth and drug elimination.

New Functions from Old: How to create new functions by shifting, stretching, and combining old ones.

Logarithmic Functions: What logarithms are, properties, and how to solve equations using them.

Trigonometric Functions: Sine, cosine, and tangent, their graphs, and how they're used.

Powers, Polynomials, and Rational Functions: Different types of functions, their shapes, and how they behave.

Introduction to Limits and Continuity: Basic idea of limits, how they work, and what makes a function continuous.

Extending the Idea of a Limit: More complex limits, including those at infinity, using algebra.

Topics I Understood Well:

Exponential Functions: Examples were clear, like population growth and drug elimination.

Trigonometric Functions: Understood sine, cosine, and tangent well through graphs and examples.

Topics I Struggled With:

Limits and Continuity: One-sided and two-sided limits were confusing.

Time spent on class: 5 hours in class each week and probably around 1 hour a day outside of class spent on homework or review and adding notes.

Overall thoughts on the class: About what I would expect from a calc class I like the pace I will say I am a bit confused about these journals because I believe what you said in class and what the syllabus said are different. I think in class you said you wanted us to put notes or examples of problems on here but I also think you said no examples for something else so I was a bit confused.