

**WEEK OF:** October 26, 2020

**CLASS:** Calculus

**TEACHER:** Tate

**CONTACT INFO:**

[ctate@psdl.org](mailto:ctate@psdl.org)

**OBJECTIVES:**

Students will be able to use the chain rule to find the instantaneous rate of change at a given point on a curve.

Students will be able to write the equation for the tangent line to a given point on a curve.

Students will be able to graph the function, point and tangent line using Desmos

**CLASSROOM MEETING TIMES:**

Tuesday and Friday 1:20 – 2:00

**ZOOM LINKS:**

Zoom links for synchronous time will be posted to their Calculus Team in Teams. The links will be posted the morning of the meeting or the previous evening.

**YOUR ASYNCHRONOUS RESPONSIBILITIES BEFORE ZOOM LESSON #1**

**(10-27-2020):**

Students are to watch unit 2.6 Chain Rule Part 1 Video and do the practice problems in the video.

**YOUR ASYNCHRONOUS RESPONSIBILITIES AFTER ZOOM #1:**

Students are to complete assignment 2.6. It is due 10-29-2020 by 11:59 PM. This assignment will be graded and it must be typed in equation editor. Desmos will be used for graphs.

**YOUR ASYNCHRONOUS RESPONSIBILITIES BEFORE ZOOM LESSON #2**

**(10-30-2020):**

Students are to watch unit 2.7 Chain Rule Part 2 Video and do the practice problems in the video.

**YOUR ASYNCHRONOUS RESPONSIBILITIES AFTER ZOOM #2:**

Students are to complete assignment 2.7. It is due 11-02-2020 by 11:59 PM. This assignment will be graded and it must be typed in equation editor. Desmos will be used for graphs.

**IDEAS FOR USING YOUR ASYNCHRONOUS TIME:**

Watch the video.

Work the practice problems.

Write down any questions you may have. Be sure to include the slide number.

Practice Equation Editor.

**DUE DATES:**

Assignment 2.6 Due 10-29-2020 at 11:59 PM

Assignment 2.7 Due 11-01-2020 at 11:59 PM

**TEST DATES:**

No upcoming test. Next test is November 6<sup>th</sup>.

**OFFICE HOURS:**

Office hours are Monday, Tuesday, Wednesday, Thursday and Friday from 11:45-12:45.

It is a drop-in format. Students will have the link posted to their Team's page and if they have a question they can drop in and ask the question.