AP Calculus AB/BC Spring Semester Group Video Project 2016

Work days in class: Mon May 9th - Tues May 17th Presentations: May 18th - May 20th (Wed - Fri)

Project Due by: May 17 (Tues)

Your assignment is as follows:

Your group (3-5 students per group) is to put together a video presentation (about 5 mins) on your subject. Your video should include a very brief review of the main topics within your subject with two examples: a classwork example and an FRQ example.

Creativity – your video is to contain a creative element such as putting it to music, acting out a skit, Reality TV, doing a parody of a movie, tv show, or commercial; game show, music video, animation, or anything else creative.

(Look for ideas on Youtube)

Test Grade (100 pts)	
Daily Log (5 points):	
Group Effort (15 points):	
Presentation/Creative quality (40 points):	
Calculus Content (40 points):	

Daily Grade: Your group will need to submit a daily log (a few sentences) of your daily progress as well as your plan for upcoming project days.

Upload video to Youtube. Send an email to me (vangd@fultonschools.org) with your video's link. We will watch the presentations May 18th - May 20th (Wed - Fri)

Topics:

- A. Limits/Continuity
- **B.** Derivatives
- C. Curve Sketching
- **D. Related Rates**
- E. Riemann Sums /Trapezoidal approximation
- F. Area/Volume
- G. Definite / Indefinite Integrals / FFTC
- H. PVA

I. Miscellaneous theorems	*IVT/EVT/MVT/Rolle's/Squeeze/SFTC /Avg Value
Member names	Responsibility

Our group's assigned subject is:

- A. Limits/Continuity
- **B.** Derivatives
- **C.** Curve Sketching
- D. Related Rates
- E.Riemann Sums /Trapezoidal approximation
- F.Area/Volume
- G. Definite / Indefinite Integrals / FFTC/ SFTC
- H. PVA
- I. Solving Differential Equation / Word Problems and Slope Fields
- J. Miscellaneous theorems

*IVT/EVT/MVT/Rolle's/Squeeze/Avg Value