



Dear Parents and Students,

Welcome to a new year at LHS. I look forward to being your math teacher this year or our Childs' math teacher. My goal is for every student to be successful in their math class. To do this we need to work together as a team and remember the following:

CLASS OBJECTIVES

Course Focus

The main purpose of this class is to have students do well on the AP Exam and acquire an understanding of calculus to help them in their college course work. This is possible since calculus is easy. ☺ Therefore, a graphing Calculator is required in class every day and used to explore the concepts.

AP Calculus Test: Consist of 45 multiple choice questions (28 w no Cal, 55 min/ 17 w Cal, 50 min) and 6 Free Response Questions, **FRQ**, (2 w Cal, 30 min/ 4 w no Cal, 60 min)

Expectations

You are going to be spending at least one hour daily working on study problems for this class. If you are not spending time doing study problems because you have already completed them, you should be reviewing you notes, working on quiz/assessment corrections or on the assignment that is due at the end of each unit. Just remember that Calculus requires a different type of commitment.

CLASSROOM TIPS FOR STUDENTS

For more points on FRQ, AP Exam, Assessment, Quizzes etc:

1. Round to three decimal places, until the end!
2. No need simply your answers, unless it is a multiple choice.
3. Make sure your calculator is in radians.
4. Always show a set up for the problem, even if it was a calculator only.
5. Communicate your answer in a sentence unless it's multiple choice.

How to be successful in AP Calculus

1. *Read your textbook before class.* This way you will have an idea of what I am doing on the board as I do it.
2. *Write definitions, procedures and theorems from the text into your notes.* This way you can watch me write them on the board and think about it rather than frantically copying.
3. *Get a study buddy or study group.* This is where you can discuss problem to get help and to help others also.
4. *Work to understand concepts and theorem instead of memorizing them.*
5. Ask appropriate questions that deal with the subject at hand. Please do not distract the class because you forgot when our assignment is due.
6. Spend time going back to study material already tested. Remember that the AP Calculus Test includes material cover from day one in August.
7. *Start homework problems early; do not wait before the due date.* Ask question about the one you don't know how to do before or after class. Do not procrastinate.

Rule of 5: You should be able to show you understand concepts:

1. Graphically
2. Numerically
3. Algebraically
4. Verbally and be able to
5. Communicate them

TAKE ADVANTAGE OF THE EXTRA HELP OPPORTUNITIES:

Tutorial

I will be available two days prior to an assessment in my classroom before and after school. But do not expect to learn everything these two days because these sessions will be only for review. Make sure you do not fall behind, ask questions and be prepared.

Teacher Website

<http://moremathmoremoney.weebly.com/>

This website contains many math resources. Students will be expected to check for missing notes and assignments and download them if they were absent. This will ensure students do not fall behind in class.

Google Classroom

Students will sometimes have assignments and/or notes posted on google classroom, especially when a substitute will be present. Go to google classroom and add the class

AP Calculus code: hi1y517

Grading Policy:

Assessments: 70%

Quizzes and Corrections 10%

Study Problems & Projects: 10%

AP Calculus Review & FR: 10%

Scale:

A 90-100%

B 80-89%

C 70-79%

D 60-69%

F 0-59%

Assessments/Quizzes:

Assessments will be announced at least 3 days prior to the test. If you are absent, then make-up must be done immediately returning to class, exception emergencies or illness. Quizzes may be given every end of a section, (No make-ups allowed).

Corrections for Assessments and Quizzes:

All assessment and quizzes will require corrections. Student will have to correct all problems that are incorrect on the assignment and give an explanation of what they did incorrect. Quiz correction are due on the day of the assessment.

Study Problems:

Study problems are assigned every night of the week or weekly (must show all required work and be written in complete sentences). All study problems are written on the course outline. They may not be turned in late, exceptions only in emergencies.

Projects:

Projects will be assignment at the end of the year. They will be graded on presentation and content.

The above information provides a guideline and does not constitute a contract. Changes may be made to benefit the structure of the class for the student.

If you have questions, please feel free to contact me at our school at (209) 398-3200 or email me at tmercado@muhsd.org

Thank you,

Mercado

Mrs. Mercado
Livingston High School
Math Teacher

Student contract and information sheet

Turn in this last page only

The above information provides a guideline and does not constitute a contract. Changes may be made to benefit the structure of the class for the student.

We have read the course guidelines and understand the requirements.

Student Name Printed _____ Period _____ Date _____

Please list the activities you are involved in before or after school:

1. _____

2. _____

3. _____

4. _____

For Parent

If you have questions, please feel free to contact me at our school at (209) 398-3200 or email me at tmercado@muhsd.org or leave me a comment below. I look forward to working with you and your child to ensure he/she is successful in this class. I also hope to meet with you on Back to School Night August 23.

Print Parent Name _____ Date _____

Parents Phone Number where you may be contacted _____

Or Parents Email address if you prefer to be contacted via email:

Comments if desire: _____
