**Calculus**

**RHS 2012-2013**

**Syllabus**

**Teacher:** Jazmin Medrano

**Room**: 137

**Conference:** 5th Period (11:37- 12:26)

**E-mail:** jmedrano@esc17.net

**Web page: On my webpage you will find a detailed schedule, supply list, assignments, schedules, upcoming events, and links to Calculus curriculum. It can be accessed via the RISD homepage or** [**http://www.msmedranosclass.weebly.com**](http://www.msmedranosclass.weebly.com)

**Course Description**:

This course is designed for students to study and apply the basic skills of single variable calculus. The course will provide the students to a number of ways to present their understanding of the objectives throughout the year. The course will show how to present data graphically as each student will have access to their own individual calculator throughout the year. The course will also show how to present data verbally as students will be expected to interpret the problem along with the solution, and most importantly this course will show students how to present their data analytically, and be able to use their previous knowledge from algebra, geometry, trigonometry and analytical geometry learned from their previous years.

**Course Overview:**

* Cartesian Plane and Functions
* Limits and their properties
* Differentiation
* Applications of Differentiation
* Integration
* Logarithmic, Exponential, and other Transcendental Functions
* Applications of Integration
* Integration Techniques
* Infinite Series

**Supplies**

* 3 ring binder 1 ½” to 2”
* notebook paper
* graph paper
* pencils
* pens
* durable tabs (sticky/post it)

**Grading Policy:**

Six weeks grades will consist of **40% daily grades (10-15 assignments), 60% Quizzes & Tests( 5 per 6 weeks).** Participation grades will be set by me, and can be made up by doing problems out of the proper textbook. Late work will be accepted with 10 points deducted for every day it is late. After 3 days it will NO LONGER be accepted. Tests will be given every 2 or 3 weeks. If a student fails a test or quiz, the student may re-test will be available.

**Guidelines for success:**

1. Follow all school rules as outlined in the Student Code of Conduct.
2. Be respectful
3. Take responsibility and be cooperative
4. Come to class prepared
5. **Be Positive.**

**Attention Parents:**

I am excited about understanding the way your child learns and accommodating their needs in my Algebra I classroom. I look forward to expanding the mind of your child in a way that will help them mature and be successful in society.

If you should have any questions regarding the progress of your child, please do not hesitate to call me at the school 253-2571 ext. 3116, also feel free to email me at: jmedrano@esc17.net

Return this portion of the syllabus signed by your parent or guardian to let me know that you have shared this information with them.

Student Name:

Parent Signature: Date:

Parents name (print):

Parent’s Phone Number (if available):

Parent’s email (if available):

