$$\frac{df}{dt} = \lim_{h \to 0} \frac{f(t+h) - f(t)}{h}$$ **CALCULUS 12** $$\int_a^b f(x)dx = F(b) - F(a)$$

Mr. Walzl

This course is designed to provide students with an introduction to fundamental concepts and applications in the field of Calculus. While demonstrating the relevance and necessity of Calculus in science and other fields, the course will leave students with the strong background necessary to complete a first year university Calculus course.

Text

Calculus 12 workbook. Excellent resource for this course and prep or first year Calculus next year.

Materials

Students are expected to bring the following items to each class: Workbook, 3-ring binder containing class notes, extra lined paper, pens, pencils, eraser, **ruler**, and **Graphing Calculator**.

Evaluation

You will be evaluated through a series of assignments, quizzes, tests, and an exam that will be weighted in the following way:

Assignments	10%	*Assigned work should be handed in on-time.*
Tests/Quizzes	60%	
Final exam	30%	

Absences

If you know you are going to be away from class please speak to me to discuss material you will be missing. **It is the student's responsibility to catch up on any material they miss during an absence**.

Getting Help

If you need some extra help, please don't hesitate to ask. I will make myself available outside class time if you need any further explanation. Thursday's afterschool until 4:00pm will be our official time for tutorial.

The Topics in Calculus 12

See Calculus Workbook for complete list of topics.

Contacting Me:

You and your guardians are encouraged to contact me with any questions or concerns. If you need to speak with me, I am available, before school, breaks, lunch, and after school. You can contact me at the school at 604-905-2581 or e-mail at jwalz@sd48.bc.ca.

On the following page is a form that needs to be filled out by you and your parent/guardian. Please read over the course outline with your parent/guardian and return the form to me no later than Friday Feb. 5th.

Students please have your parent/guardian read over the course outline for Calculus 12 and sign below. Keep this outline in your Calculus 12 binder. **Due by Friday Feb 3th.**

REMOVE SIGNED FORM TO HAND IN.

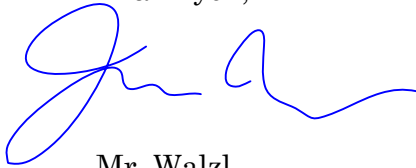| *I have read the course outline for Calculus 12 and fully understand the class expectations; I agree to the classroom expectations.*	
Student signature: **Student Name:**	**Date:**
I Understand my son/daughter has is enrolled in Calculus 12 this semester and support this choice as part of their educational plan.	
Parent signature: **First Name(s):**	**Parent email:**

Thank you,

Mr. Walzl