Calculus 12 Outline

Introduction:

- Prerequisite: Pre-Calculus Math 12
- This course introduces students to university mathematics (Calculus). It focuses on the core skill encountered in a first year calculus course. Topics covered are in the chart below.

Topics:

- Chapter 1: Pre-Calculus Review
- Chapter 2: Limits and Continuity
- Chapter 3: Differentiation
- Chapter 4: Applications of Derivatives
- Chapter 5: Integration
- Chapter 6: Applications of Integrals
- Chapter 7: Differential Equations and More Riemann Sums
- Chapter 8: For advanced placement calculus students only. Supplemental Topics.

Each chapter has quizzes. The quizzes in Chapter 1 are not for marks, but must be completed to continue with the course. The quizzes, and work, in Chapter 8 are only for those students interested in gaining credit for AP (advanced placement) calculus. The quizzes are done on line. There is no provision to redo a Chapter Test or the Final Exam.

Assessment:

The final grade is composed of a school mark and a final exam mark. The school mark is determined from your quizzes, assignments and chapter tests.

School Mark:

Quizzes	25%
Assignments	25%
Chapter Tests	50%

Final Grade:

School Mark	75%
Final Exam	25%

There is a lot of work associated with this course. But that's a good thing. University courses push you to work harder and to think. Thinking can be difficult, but that is how we learn. I'm always here to help. If you find yourself stuck on a question, scan and email me your attempt. I will see what you have done and provide feedback to get you back on the right path. Make sure there is an attempt made for me to see. No attempt, no help.

Contact:

Email: Peter.Fassnacht@cmsd.bc.ca

Phone: 250-635-7944 local 8479 or 1-800-663-3865 local 8479

My normal work schedule is Wednesday and Friday, from 8:45 AM to 3:45 PM, but feel free to email me at any time.