



EXTRA CREDIT POLICY

Please read through the following guidelines outlining the use of Extra Credit in this class. If you have any questions then feel free to get in touch.

Disclaimer: I reserve the right to modify this policy no later than the end of the fifth week of the semester.

1. Each student will have the opportunity to earn up to a maximum of 15 percentage points in extra credit during the time period September 11 - December 1.
2. **Challenging problems:** The Challenging Problems assigned for each Problem Set will be labelled as follows:
 - (a) * - these problems will be worth at most 3 percentage points of extra credit
 - (b) ** - these problems will be worth at most 4 percentage points of extra credit
 - (c) *** - these problems will be worth at most 5 percentage points of extra credit

To receive full credit a student will have to present their solution to me and be able to explain their steps and argument in a coherent and organised manner. Students will receive partial credit for thoughtful approaches that are ultimately incorrect, incomplete or missing vital details.

Students will be expected to sign a declaration of affirmation of the Honor Code Pledge before presenting their solution.

3. **Creative Project:** There will be opportunities for students to submit a creative project for extra credit. Each creative project will be worth at most 3 percentage points of extra credit. A creative project must make use of, build upon, and be a synthesis of, at least three different sources.

Students wishing to submit a creative project must notify me of their project topic via email or in person. The student will then have five days to submit their creative project.

Here are some ideas for topics for a creative project (additional topic suggestions are encouraged but will require approval):

- (a) *a discussion of the contributions of a historical figure to the development of calculus (broadly construed);*
- (b) *a discussion of aspects of the teaching of calculus in college and/or high school;*
- (c) *a presentation of an application of the topics seen in Math 122;*
- (d) *a presentation of a mathematical topic related to the material seen in Math 122.*

A creative project can be submitted in one of the following formats (additional format suggestions are encouraged but will require approval):

- (a) *A 1-2 page paper;*
- (b) *A small-medium sized poster;*
- (c) *A computer animation;*
- (d) *A video demonstration.*

Pointed suggestions for creative projects will be posted at the course website throughout the semester.