

Calculus: Mini-Syllabus

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1 Handouts, Class Binder

All students should designate a three-ring binder for use for storage of important handouts and documents. All class handouts and reference sheets should be stored in this binder, starting with this syllabus.

2 Grading

As per Hamilton County standards, the first half of the semester's work will count towards 37.5% of the final grade. The second half will count towards 37.5%, and the final exam/portfolio will count for 25%.

3 Projects

We will undertake several large and small projects and seminars during the semester. For each half-semester, the projects during that period cumulatively will count towards 20% of the half-semester score. Projects will include group and individual activities; project weights will vary.

4 Exams and Cumulative Seminars

At the end of major steps on our learning path, we will have cumulative exams and seminars. Exam content is cumulative over all skills covered until that point. Some exams may be, in part or in total, take-home exams, and they may be integrated with seminars. This work will count towards 35% of each half-semester score.

5 Quizzes, Minor Assessments and Homework

These exercises will count cumulatively towards 35% of each half-semester score. Quizzes will usually be worth 100 points, while other assignments will be worth less.

6 Participation and Focus

This will count for 5% of each half-semester score. Reading assignments often will be important prerequisites for in-class discussions and exercises.

7 Quality and Paideia Values

Quality and “professionalism” of student work will be a consideration in grading of all assignments. In addition to this, 5% of each half-semester score will be based upon a student’s level of dedication to quality work and Paideia values.

8 Take-Home Exams

Some exams will be take home exams. Specific instructions will accompany these exams as to what the allowable supplementary materials are, if any. Honor code provisions will apply.

9 Collaboration

Students are encouraged to discuss concepts and material outside of class. Students must *formulate* and write up their own solutions for homework, but (unless otherwise indicated for certain problems) assignment fundamentals may be discussed.

10 Needed Materials

You will need the following materials for this class:

Three-ring binder

Loose-leaf college-ruled letter-size paper.

Graph paper: At a minimum, this paper should be printed such that the grid lines contrast with standard pencil and ink. For example, green grid lines are good, black grid lines are not. You may want paper where the scale differs between the front and back.

Pencils.

11 Suggested Materials

A calculator with which you are comfortable. Some quizzes and exams will be no-calculator exercises, others will be calculator-optional.

If you have a home computer: graphing software.