

Calculus Course Syllabus

School Year 2021-2022



Hayfield HS - Room 11
idudley@hayfield.k12.mn.us
4th Period

Introduction:

This course is a beginning Calculus course taught at Hayfield High School. You will be earning high school credit.

Course Description

Calculus I is an introduction to differential and integral calculus: the study of change. The course is designed for students working on a degree in science, mathematics, computer science, and those planning on certain types of graduate work. Others are welcome. The prerequisites are motivation and a good working knowledge of high school algebra and trigonometry. Calculus emphasizes skills, theory, and applications. Calculus opens doors to higher mathematics, science, and technology.

Student Requirements:

1. Be on time to class.
2. Come to class prepared with all required materials.
3. During class discussion, respect your peers and teacher by listening while others are talking. Please raise your hand to speak when appropriate.
4. Be a responsible student and a positive participant in class.

Required Texts/Materials/Supplies:

Calculus with Analytic Geometry: 8th Edition

Larson, Hostetler, and Edwards

- **Hardcover:** 1138 pages
- **Copyright:** 2006 Houghton Mifflin Company
- **Language:** English
- **ISBN-10:** 0-618-50298-X

Additional Supplemental Materials provided
Graphing Calculator Application – Desmos

Grading Criteria/Course Evaluation:

| | | | | | |
|---------|----|--------|----|--------|----|
| 100-94% | A | 83-80% | B- | 69-67% | D+ |
| 93-90% | A- | 79-77% | C+ | 66-64% | D |
| 89-87% | B+ | 76-74% | C | 63-60% | D- |
| 86-84% | B | 73-70% | C- | 59-0% | F |

90% Summative Assessment

Unit Assessments: On assessments, partial credit will be awarded for any work done correctly.

Semester Assessments: Partial credit will be awarded for any work done correctly.

Projects: Projects will be completed periodically.

10% Formative Assessment

Quizzes: Quizzes will be given periodically each chapter to formally assess your progress and provide feedback to enhance learning.

Homework: Homework will be given nightly and **due** the next class period.

Homework is practice, you will be graded on your effort to learn and practice the concepts.

- You will receive a total of 2 points credit if:
 - You attempt **every** problem – 1 Point
 - You show legitimate effort and show all work in pencil - 1 Point
- You will **not** receive credit if:
 - Problems are left out, work is not shown, little or no effort

Making up Work

- It is the student's responsibility to check for missed assignments/quizzes/tests.
- Quizzes/Tests must be made up within one week.
- Homework must be made up before the unit is completed. (Before the student takes the unit test.)
- Please consult the Moodle to find out what you missed

Extra Help:

Students are encouraged to come in for extra help during my planning period (1st Hour). I plan to be in my room by 7:30 daily to assist students, but I will also need a few minutes of that time to get things ready for the day's lessons. Please come and visit if you are having any problems. If these times don't work well, please feel free to ask other math teachers, consult the internet, or set up an appointment with me if you have questions.

Emergency Procedures:

Contact the Hayfield High School office and/or email your instructor: jdudley@hayfield.k12.mn.us

If you have a disability and need accommodations to participate in this course, please contact your instructor as soon as possible.

Course requirements and schedule are subject to change at the instructor's discretion.