

Honors Precalculus (DE) School Year: 2025–2026

Instructor: Mr. Daniel Lemay

Course Website: danlemay.net

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Credit: 1 (Full-Year Course)

Oxbow Mission Statement:

We are a family of empathetic, inquisitive, and socially responsible learners affecting our world.

Course Overview

Precalculus prepares students for the study of Calculus by extending algebraic concepts and deepening function analysis. We'll further explore the behavior of polynomial, rational, trigonometric, exponential, and logarithmic functions. Additional topics include:

- Analytic trigonometry
- Radian measure
- Vectors
- Sequences and series

Learning Outcomes

Successful students will:

- Analyze functions algebraically and graphically
- Approach problems using multiple strategies
- Present mathematical ideas in written and verbal formats

Student Expectations

Students are expected to:

- Participate actively and respectfully
- Arrive prepared with pencil, notebook, textbook, and charged Chromebook
- Take notes and complete classwork to support independent learning
- Show all supporting work on assignments
- Submit work on time (late work will not be credited unless due to absence)

Absences:

Make-up work should be completed within a time frame comparable to the length of your absence. Exceptions may be made individually. Weekly assignment sheets will be posted online to help you stay on track.

Getting Help

Help early is better than help late. Wednesdays are designated help afternoons, but you're welcome to seek help any day Tuesday through Friday.

Evaluation & Grading

Assignments fall into two categories:

- **Formative Assessments** (25%): Homework (paper and online), problem sets, presentations
- **Summative Assessments** (75%): Quizzes, tests, and major projects

Grades are calculated as a weighted mean. Letter grades follow Oxbow's Student & Parent Handbook.

Note: No extra credit is available.

Semester Grades:

- Marking Period 1 = 33⅓%
- Marking Period 2 = 33⅓%
- Comprehensive Exam = 33⅓%

Academic Integrity

Cheating, plagiarism, or misrepresentation will not be tolerated. Plagiarism includes quoting or paraphrasing another's ideas or language without proper acknowledgment. Refer to the Student Handbook for disciplinary actions.

Honor Pledge (required on all assessments):

"I have neither given nor received unauthorized aid on this assignment."

Include your signature and printed name.

Resources

- *Precalculus 2e* by OpenStax: [Link](#)
- TI-84 Plus Graphing Calculator

Required Materials

- A three-ring binder or folder dedicated to math
- Pencil or black/blue pen
- School-issued Chromebook

Dual Enrollment Opportunity

This course may be taken for college credit through White Mountain Community College and the NH Running Start program.

- **Cost:** \$150 (paid to WMCC)
- **Credit:** 4 transferable college credits
- [More Info](#) point your browser to

<https://www.ccsnh.edu/colleges-and-programs/programs-for-high-school-students-to-earn-college-credit/running-start/>

or contact Mr. Lemay 802-222-5214 ext. 202 or Lomond Richardson at ext 139

Signature Page

Please detach, sign, and return this page by **Monday, September 8th** for **25 formative points**.

Parents may also email confirmation.

The signatures below confirm that the syllabus has been read and understood. It is recognized that the outlined material is accurate and will be followed as closely as possible. Adjustments may be made due to circumstances beyond the control of the teacher or administration.

Student Name (print): _____

Student Signature: _____

Date: _____

Parent/Guardian Signature: _____

Date: _____

Let me know if you'd like this version adapted for Canvas, NVDA compatibility, or with collapsible sections. I'd be happy to help format it for accessibility or engagement.