

- I. COURSE: MATH 107 - PRECALCULUS
- II. INSTRUCTOR: ALAN MUNSON
KENMARE HIGH SCHOOL
KENMARE, ND 58746
- III. COURSE OBJECTIVE: To prepare students to take Calculus or other courses that require a background in Precalculus Mathematics
- IV. BOOK USED: Precalculus- Building Concepts and Connections
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Houghton Mifflin
Author: Revathi Narasimhan
- V. TOPICS COVERED:
- a) Review of Intermediate Algebra
 - b) Functions (polynomial, rational, exponential, logarithmic, and trigonometric)
 - c) Techniques for graphing functions
 - d) Applications of the graphics calculator
 - e) Polar coordinates
 - f) Analytic Geometry
 - g) Systems of equations
- VI. CREDITS:
- a) One high school credit
 - b) Four semester hours of college credit through Minot State University (optional)
- VII. CHARACTERISTICS OF THE CLASS:
- a) The course will be taught at Kenmare High School over ITV
 - b) The class will run for 50 minutes per day
 - c) The class will meet 5 days per week
- VIII. EVALUATION:
- a) Chapter tests will be given and graded
 - b) Occasional assignments will be collected and evaluated in order to monitor student documentation of their work
 - c) Oral responses to questions asked in class will be considered