

## Syllabus

MATH 2471 – Calculus I – Section 01 – Spring 2005

Bemidji State University

Department of Mathematics and Computer Science

**Instructor:** Dr. Derek Webb

**Office:** Hsgg-Sauer Hall 369

**Phone:** 755-2846

**Email:** [dwebb@bemidjistate.edu](mailto:dwebb@bemidjistate.edu)

**Class Time and Location:** MTWHF 10:00-10:50 AM HS 230

**Web Site:** [www.bemidjistate.edu/dwebb](http://www.bemidjistate.edu/dwebb)

**Prerequisite:** An appropriate score on the Mathematics Placement Test or a grade of C or better in MATH 1470

**Office Hours:** See schedule on web site

**Required Text:** *Calculus, Seventh Edition*, Larson, Hostetler, and Edwards

**Suppliments:** Study and Solutions Guide by Bruce H. Edwards. Graphing calculator: I will use a Texas Instruments 83 plus in class. I may not be able to help you use a different calculator.

**Course Objective:** Calculus is the mathematics of change and as you might imagine studying processes that change is much more complicated and rewarding than studying static processes. Another definition is “a system or method of calculation” and by the end of the course you will have learned many techniques for calculating processes of change associated with the physical world. In this course we will cover limits of functions and their properties, differentiation of functions, integration of functions, and transcendental functions. We will also explore applications that illustrate the usefulness and beauty of calculus.

**Class Assignments:** Assignments will be given daily and collected. For most students, success in a mathematics course is achieved through completion of the homework assignments. There will also be in-class activities of which participation is assumed. Assignments are worth 15% of a student’s grade in the course.

**Attendance:** Regular attendance and active participation is expected. Students are responsible for class work even if there are legitimate reasons for their absence. For most students, attendance is necessary for successful completion of the class.

**Academic Dishonesty:** Academic dishonesty will **NOT** be tolerated in this class and will be dealt with according to BSU protocol.

**Exams:** There will be four exams. The final exam must be taken to pass the course. Following is the exam schedule:

Exam 1	15 %	Friday, FEB 4, In Class
Exam 2	15 %	Friday, MAR 4, In Class
Exam 3	15 %	Friday, APR 8, In Class
Final	25 %	Friday, MAY 6 8:00-10:00 AM

**Missed Exams:** Make up exams are not given unless a documented medical or family emergency exists.

Otherwise, a missed exam score will be replaced by the comprehensive final exam score. This applies to only one missed exam and only if the student discusses with the instructor their reason for missing the exam. If the student misses more than one exam a grade of F will be given for the class. If the student misses the final exam a grade of F will be given for the class. *No make-up exams will be allowed unless arrangements have been made at least 1 week prior to the exam.*

**Quizzes:** There will be a quiz given every Friday at the beginning of class. You may drop your lowest quiz score at the end of the semester. Quizzes are worth 15% of a student's grade in the course.

**Material to be Covered:** Chapters 1 through 5.

**Grading System:** The grading system will be as follows. However, the Instructor reserves the right to make slight adjustments to these percentage breakpoints as the course progresses.

- A [90%, 100%]
- B [80%, 90%)
- C [70%, 80%)
- D [60%, 70%)
- F [0%, 60%)

**Incomplete:** An incomplete (I) grade will only be given in **documented** emergency situations. BSU policies will be followed.

**NOTE:** Upon request this document can be made available in alternate formats. If you have a documented disability and need accommodations for this course please contact the Disability Services Office in 202 Sanford Hall, Bemidji State University. Any other questions about this course should be directed to the instructor.

**Chance in Course Syllabus:** The Instructor reserves the right to change this syllabus as this course proceeds if the need arises. Should a change be required the class will be notified.