Math 120 - Calculus I
Spring 2017

<u>Meeting Time/Place:</u>   Section 1 -- TWRF 8:00 – 8:50 am in Science A207
                                   Section 2 -- TWRF 12:00 – 12:50 pm in Science A207

<u>Instructor:</u>   Matthew Welz   <u>Office:</u> Science B335

<u>Text:</u>   *Single Variable Calculus: Early Transcendentals*, 8th Edition by James Stewart

<u>Office Hours:</u> Tuesday 2pm, Wednesday 2pm (at Smith Hall), Thursday and Friday 11 am

<u>Contact Info:</u>   Phone 715-346-3968   Email **mwelz@uwsp.edu**

<u>Course Description/Objectives:</u> *Calculus I* is the first course in a three course sequence intended for a number of majors (including Math, Physics, Chemistry, Paper Science etc…). In Math 120 we will investigate the underlying concepts of differential calculus and introduce integral calculus, covering Chapters 1 – 5 of the textbook. This will include the following topics: functions, limits, continuity, rates of change, derivatives, integrals and many useful applications. We will approach these ideas algebraically, graphically, numerically, and verbally with the aim of developing a well-rounded grasp of this very fundamental material.

The course also satisfies the **Quantitative Literacy** (QL) requirement in the **General Education Program** (GEP). The basic idea is that upon completing this course, every student should be able to

- Select, analyze, and interpret appropriate numerical data used in everyday life in numerical and graphical format.
- Identify and apply appropriate strategies of quantitative problem solving in theoretical and practical applications.
- Construct a conclusion using quantitative justification.

<u>Grading:</u>   Your grade will be based on online homework, quizzes, three tests, and a cumulative final exam as outlined below:

Homework	15%
Quizzes	20%
Three Tests	45% (15% each)
Final Exam	20%.

Quizzes will usually be given Fridays in class, though some may be of the take-home variety. Your two lowest quiz grades will be dropped and consequently, there will be **NO** make up quizzes. Supplementary homework from the book (and reading to be done before each class) may also be assigned, but will not be collected. However, you are responsible for all concepts contained therein; the quizzes will be very similar to the homework and are meant to be straightforward if you've kept up. Extra credit may be assigned occasionally throughout the semester.

The three tests will (tentatively) be on Friday, February 17th, Friday, March 17th, and Friday, April 21st.

Attendance: Regular attendance is expected; quizzes cannot be made up but two quizzes are dropped to account for the unforeseen (personal issues, illness, oversleeping, bad day, alien invasion, etc…). Make-up tests will be given only for an emergency. In which case, you have until class begins on the day of the test to contact me. Otherwise, you will receive a grade of 0%.

Other Help: Outside of my office hours, we have a Math Help Room in Science A113A (drop-in tutoring), a supplemental instructor for the course (more on that soon!), and tutoring available through the Tutoring-Learning Center in LRC 018. Please, don't hesitate to take advantage of these great resources!

The Americans with Disabilities Act (ADA) is a federal law requiring educational institutions to provide reasonable accommodations for students with disabilities. For more info on UWSP's policies: http://www.uwsp.edu/disability/Pages/toQualifyForDisabilityServices.aspx

If you have a disability and require classroom and/or exam accommodations, please register with the Disability and Assistive Technology Center (on the 6th floor of the Learning Resource Center) and then contact me at the beginning of the course. Without documentation I cannot give you accommodations.   For more information, refer to their webpage here: http://www.uwsp.edu/special/disability/