Welcome to Math 225-01,03 – *Calculus I*.

My name is Prof. Rohm; I will be your instructor for this course.

I have posted a copy of my current schedule and contact information on Canvas. You can also find more information about me at
- http://www.uwsp.edu/mathsci/Pages/faculty/dRohm.aspx
- http://www4.uwsp.edu/math/drohm

Here is the most recent catalog description for the course:

> **MATH 225. Calculus I. 5 cr.** Introduction to limits; differentiation and integration of algebraic and transcendental functions; applications of differential and integral calculus. Prereq. Math 118; Math 119 or concurrent enrollment in Math 119; or suitable placement score. **GEP: QL**

Notice that Math 225 satisfies the UWSP QL-GEP.

GEP Category Learning Outcomes

Foundation Level:	
GEP Category:	**Upon completing this requirement, students will be able to**
Quantitative Literacy	• 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.

A complete copy of the syllabus for this course has been posted on Canvas. This includes a schedule for examinations and grading criteria for the course.

As a new or continuing UWSP student, you should be fully aware of your rights and responsibilities as a UWSP student, both on and off campus. You can find these linked through the Dean of Students webpage.
- https://www.uwsp.edu/dos/Pages/stu-academic.aspx
- https://www.uwsp.edu/dos/Pages/stu-conduct.aspx
- https://www.uwsp.edu/dos/Pages/stu-personal.aspx
- https://www.uwsp.edu/dos/Pages/offcampus.aspx

UWSP is committed to providing reasonable and appropriate accommodations to students with disabilities and temporary impairments. If you have a disability or acquire a condition during the semester where you need assistance, please contact the Disability and Assistive Technology Center on the 6th floor of Albertson Hall (the library) as soon as possible.

https://www.uwsp.edu/disability/Pages/default.aspx

The DATC can also be contacted at 715-346-3365 or DATC@uwsp.edu.

Thank you for reading this. I look forward to collaborating with you this semester as a member of the Pointer Community.

Math 225-01	**Math 225-03**	Instructor: Dale M. Rohm	Office Hours: Sci D356
8:00 MTWRF	**2:00 MTWRF**	Phone: (715)346-3798	TR 9:00-12:00
Sci A208	**Sci A208**	e-mail: drohm@uwsp.edu	or by appointment.

Text: Stewart, <u>Single Variable Calculus (Early Transcendentals)</u>, 8th ed.
       ISBN 978-1-305-27033-6   url: www.stewartcalculus.com

Course Description:

> **MATH 225. Calculus I. 5 cr.** Introduction to limits; differentiation and integration of algebraic and transcendental functions; applications of differential and integral calculus. **Prereq. Math 118; Math 119 or concurrent enrollment in Math 119; or suitable placement score. GEP: QL**

Math 225 satisfies the UWSP Quantitative Literacy requirement of the General Education Program. Quantitative Literacy is knowledge of and confidence with basic mathematical/analytical concepts and operations required for problem-solving, decision-making, economic productivity and real-world applications. Such skills are essential for citizens living in today's global society. Upon completing this requirement, you will 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.

Math 225-*Calculus I* is the first semester of a three-semester comprehensive coverage of the calculus of single and multivariable functions. This course is appropriate for any student completing a program in the physical, natural, or informational sciences, or intending a career in engineering or technology fields.

In order to be enrolled in Math 225, a student must meet the required prerequisites for the course, or have been determined to be exempt from the prerequisites using established department test-out policies.

Technology Policy: You are required to have daily access to a graphing calculator for this course. Knowing how to efficiently use your calculator is more important than what calculator you have. Some assignments may require the use of a computer algebra system such as *Mathematica* or other on-line applications. I reserve the privilege of designating some or all questions of an examination or quiz as "non-calculator". When permitted, only one calculator may be used during any quiz or test. Sharing of calculators is prohibited.

Use of a computing device capable of remote transmission, including smart-phones, is expressly prohibited during any in-class assessment of this course. Turn your phones off or place them in airplane mode before any in-class examination or quiz. **Texting or browsing during lecture is rude and distracting, don't do it.** There are times however, when taking an image of the board or screen might be valuable, you are welcome to do so. Please refrain from audible alerts during class by using vibrate or airplane mode.