

MATH 226

CALCULUS – II

Spring 2023

MW 11 - 11:50 am, TR 11am – 12:15pm

INSTRUCTOR: Dr. Kavita Bhatia

E-mail address: kbhatia@uwsp.edu

OFFICE HOURS: M, T, Th: 10 – 10:50 am, and by appointment.

COURSE FORMAT: This course will be delivered in the point to point (P2P) format. Some of you will be in the classroom with me, while others will be connecting remotely via Zoom.

PREREQUISITES: MAT 225 or placement based on the AP exam.

COURSE DESCRIPTION: Techniques of integration for algebraic and transcendental functions and additional applications; improper integrals; introduction to first-order differential equations; parametric equation and polar coordinates; infinite sequences and series.

REQUIRED MATERIALS:

- **Textbook:** *Calculus, Early Transcendentals*, 8TH Edition by Stewart. This course is a continuation of MAT 225. We will cover chapters 7, 8, 9, 10, 11 and parts of 12.
- **Calculator:** A scientific or graphing calculator is required and should be brought to class daily. The TI graphing calculators are most familiar to me. One like the TI-83+ or TI-84 can be a helpful tool for understanding concepts and working homework problems. Computers, phones, and calculators with a “QWERTY” keyboard are not allowed during exams or quizzes, and sharing is not permitted. **Cell phone calculators will not be allowed on exams and quizzes.**

GRADING POLICY: Your grades will be computed as follows:

Quizzes	14%
Attendance	4%
Homework	11%
3 Exams (17% each)	51%
<u>Final Exam (Comprehensive)</u>	<u>20%</u>
Total	100%

The above distribution may change at the discretion of the instructor.

GRADING SCALE: Grades will be assigned according to the scale below:

92%--100%	A	76%--80%	C+
89%--92%	A-	72%--76%	C
86%--89%	B+	67%--72%	C-
83%--86%	B	55%--67%	D
80%--83%	B-	0%-55%	F

ATTENDANCE AND PARTICIPATION: You are expected to attend all classes and participate in class discussions.

HOMEWORK: Homework will be assigned at the end of every class period. Homework will be due on Canvas, weekly on Friday's, by midnight. Homework will be graded for completion only.

QUIZZES: There will be a quiz on most Thursdays. There will be **NO** makeup on the quizzes. The quiz with the lowest score will be dropped.

EXAMS: There will be 3 exams during the course of the semester. Make up exams will be given only in the case of a **verifiable emergency**. Tentative exam dates are listed in the calendar at the end of the syllabus. The final exam is **comprehensive**.

TUTORING-LEARNING CENTER (TLC): The Tutoring-Learning Center (TLC) is the UWSP academic support center. The TLC offers individual, drop-in tutoring in math, writing, and STEM, Student Success Workshops, and credited courses. They also offer Academic Coaching as an opportunity to work on skills such as goal-setting, motivation, note-taking, test-taking, time-management, study skills, etc. The TLC is open to all UWSP students seeking services and has centers on all three campuses – Stevens Point, Wausau, and Marshfield.

TLC Locations:

- Stevens Point: CCC 234
- Wausau: Wausau Campus Library
- Marshfield: Marshfield Campus Library

Contact Information:

- Stevens Point: tlctutor@uwsp.edu; 715-346-3568
- Wausau: lorandal@uwsp.edu; 715-261-6148
- Marshfield: roleary@uwsp.edu; 715-898-6036

ACCOMMODATION OF RELIGIOUS BELIEFS: Any student who cannot be present for a scheduled exam due to a religious observance will be provided with an alternative way of fulfilling that course requirement, provided the student notifies me ahead of time.

ACADEMIC MISCONDUCT: Academic integrity and honesty are central to the mission of this institution. All students are expected to know the UWSP Community Rights & Responsibilities and the Student Academic Standards and Disciplinary Procedures found on the Dean of Students webpage at <http://www.uwsp.edu/dos/Documents/CommunityRights.pdf>.

This is a challenging course and requires serious effort on your part. I am available to help you whenever you need any help. Please do not wait to get help if you are having trouble. The only way to learn mathematics is by doing it. ***Work hard and do not fall behind!***

Do not worry about your difficulties in mathematics; I can assure you that mine are still greater.

Albert Einstein

