

MATH 111

Applied Calculus

SPRING 2024

M,T,W,Th: 1 – 1:50 pm

INSTRUCTOR: Dr. Kavita Bhatia

E-mail address: kbhatia@uwsp.edu

OFFICE HOURS: M, T, Th 10 am – 11 am by appointment. You may connect with me during office hours by Zoom. The link is available on the course Canvas page.

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.

REQUIRED MATERIALS:

- **Textbook:** *Applied Calculus for the Managerial, Life, and Social Sciences: A Brief Approach*, 10th Ed., by S. T. Tan. Topics include most of those in Chapters 1 – 6 and a selection from Chapters 7 and 8..
- **Calculators:** 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.**

PREREQUISITES: Math 107 (College Algebra) or a suitable placement test.

GENERAL COURSE GOALS: In addition to achieving the Quantitative Literacy learning outcomes of the university’s General Education Program, students will develop communication skills, and problem-solving approaches to applied problems in fields such as biology, natural resources, and social science, using the central concepts of introductory differential and integral calculus.

ATTENDANCE: You are expected to attend all classes and participate in class discussions. In the event of an absence, you are responsible for making up the material that you missed.

GRADING POLICY: Your course grade will be computed as follows:

Quizzes	10%
Homework	10%
Attendance and Participation	3%
Exams (3 x 19%)	57%
Final Exam	20%
Total	100%

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

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

93%--100%	A	77%--79%	C+
90%--92%	A-	73%--76%	C
87%--89%	B+	70%--72%	C-
83%--86%	B	67%--69%	D+
80%--82%	B-	60% -- 66%	D
		59% or less	F

HOMEWORK : Homework will be assigned at the end of every class period. You will be using the software MyOpenMath to do your homework. Homework will be due on Sunday by midnight.

QUIZZES: There will be a quiz every Thursday. There will be NO make-up on the quizzes. The quiz with the lowest score will be dropped.

EXAMS: There will be three in class exams and a two-hour final. All exams will be proctored. Tentative exam dates are listed in the calendar at the end of the syllabus. The final exam will be comprehensive. **It is scheduled for Wednesday, May 15 from 10:15 am – 12:15 pm.**

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

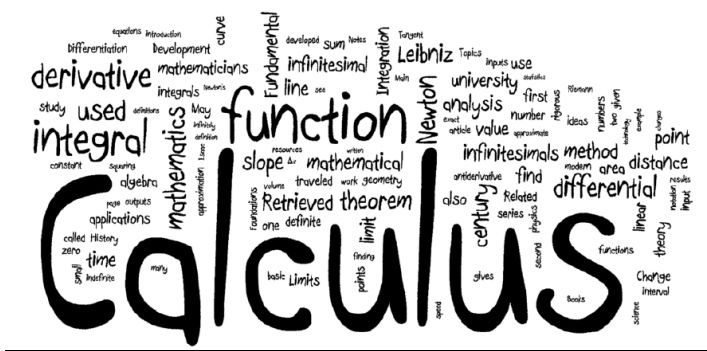
ACCOMMODATION OF RELIGIOUS BELIEFS: Any student who cannot be present for a scheduled exam due to a religious observance will be provided with an alternative way of fulfilling that course requirement, provided the student notifies me ahead of time.

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>.

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. **So work hard and do not fall behind.**

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

- Albert Einstein



Tentative Weekly Schedule – Spring 2024

Week	Approximate text sections to discuss this week	Events this week
1. Jan. 22 – 26	Review, 2.1	Homework 1
2. Jan. 29 – Feb 2	2.2 – 2.4	Quiz 1, Homework 2
3. Feb. 5– 9	2.6, 3.1	Quiz 2, Homework 3
4. Feb. 12 –16	3.2, 3.3	Quiz 3, Homework 4
5. Feb. 19 – 23	3.4, 3.5, Review	Exam 1 Thursday , Homework 5
6. Feb. 26 - March 1	4.1, 4.2, 4.3	Homework 6
7. March 4 – 8	4.4, 4.5	Quiz 4, Homework 7
8. March 11 – 15	5.1, 5.2, 5.3	Quiz 5, Homework 8
March 18 – 22		<i>Spring Break, no classes this week</i>
9. March 25 – 29	5.4, 5.5	Quiz 6, Homework 9
10. April 1 – 5	5.6, Review	Exam 2 Thursday , Homework 10 Last day to drop April 7
11. April 8 – 12	6.1, 6.2	Homework 11
12. April 15 – 19	6.2, 6.3	Quiz 7, Homework 12
13. April 22 – 26	6.4, 6.5	Quiz 8, Homework 13
14. April 29 - May 3	6.6, 7.1 Review	Exam 3 Thursday , Homework 14
15. May 6 – 10	Optional topics, Review	
16. May 13 - 17	FINALS WEEK	

Final Exam: Wednesday, May 15 from 10:15 am – 12:15 pm.