

MATH 111
Applied Calculus
Spring 2018

Sec 1: MTWR 1:00 - 1:50 SCI A210

Instructor: Dr. Susan Talarico

Office: SCI B127

Phone: 346-4976

Email: stalaric@uwsp.edu

Office Hours: T, W 2:00 – 2:50
R 12:00 – 12:50
**or by appointment **

Text: Calculus for the Managerial, Life and Social Sciences, 10th ed. by Tan

Prerequisite: Math 100 or a suitable placement score.

Calculator: A scientific calculator is required for this course - you will need one that can at least calculate logarithms. A graphing calculator may be helpful, but is not necessary. Bring your calculator to class daily. You may not share a calculator on a quiz or exam. You may not use a cell phone's calculator on a quiz or exam. The use of smart phones and computing devices capable of remote transmission is not allowed during any exam or quiz.

Course Objectives: In this course, you will learn calculus as it is applied to business, economics, biology, natural resources, and social science.

Course Outline:

Chapter 2: Functions, Limits, and the Derivative (2.1-2.4, 2.6)

Chapter 3: Differentiation (3.1-3.3, 3.5)

Chapter 4: Applications of the Derivative (4.1-4.5)

Chapter 5: Exponential and Logarithmic Functions (5.1-5.2, 5.4-5.6)

Chapter 6: Integration (6.1-6.6)

Attendance Policy: Attendance is expected at each class period. It is your responsibility to obtain notes and information from missed class time.

Evaluation: There will be a total of 600 pts. for the semester.

Exams: (270 pts = 45% total)

There will be 3 exams, each worth 90 points.

Tentative dates:

Thursday, February 22nd

Thursday, March 22nd

Wednesday, April 26th

Make-up exams will be available only in very special cases and will be handled on an individual basis. Notification and arrangements in such cases *must* be made prior to the examination.

Quizzes: (100 pts = 17%)

There will be 11 quizzes given (on Thursdays), each worth 10 pts. Each quiz typically covers 2 sections. The 10 highest scores will be used for grading purposes. Quiz 1 will be on September 15th.

Homework: (80 pts = 13%)

WebAssign homework problems will be given for each section covered. Your success in learning the material presented requires that you complete each assignment and do not fall behind. We will use class time to go over some of your questions regarding the assignments. We will not, however, have enough class time to answer all questions that arise. The Math Help Room is a potential resource for extra math help (see below). Your textbook and classmates are also valuable resources.

WebAssign Class/Course Key: uwsp 6199 5453

Final Exam: (150 pts = 25%)

The final exam is comprehensive.

Exam time: Wednesday, May 16, 10:15 - 12:15

NOTE: You may not leave the classroom while taking a quiz or exam, including the final exam.

Grading and Grading Scale:

Course letter grades will be based on the scale below,
with + and - marks within each range:

A: 90 - 100

B: 80 - 89

C: 70 - 79

D: 60 - 69

F: below 60

I may adjust this scale down if the class average warrants. I will not make the scale any higher. I may use discretion to raise a student's final course grade if her/his final grade does not reflect the quality of her/his course work (for example, from a low exam score early in the course). I will not, however, use such discretion to lower a student's grade.

Math Help Room: The Math Help Room is a math tutoring lab located in SCI A113A. It is staffed by students (primarily math majors) prepared to help you with your math questions. It is free of charge and you need not make an appointment.

HOURS: M-R 9-4 and 7-9 p.m.

Math Assistance – Spring 2018

What	Details	Schedule	Cost
Drop-In Tutoring Center	DUC 205	https://www.uwsp.edu/tlc/Pages/dropInTutoring.aspx	Free
Group Tutoring and Supplemental Instruction	Based on course section	https://www.uwsp.edu/tlc/Pages/schedules.aspx	Free
One-on-One Tutoring	By appointment	Visit ALB 018 (library basement) to make a request. https://www.uwsp.edu/tlc/Pages/CA-tutoring.aspx	May have fee
Math Room	SCI A113A	https://www.uwsp.edu/mathsci/Pages/tutoring.aspx	Free
MathPad <i>*Math 90, 95, 107 only</i>	CCC 302	https://www.uwsp.edu/mathsci/Pages/tutoring.aspx	Free
Physics Room	SCI A105	https://www.uwsp.edu/physastr/Pages/Tutoring.aspx	Free

Rights & Responsibilities: You are expected to be fully aware of your rights and responsibilities as a UWSP student.

In accordance with UW system policies, Math 111 is dedicated to a safe, supportive and non-discriminatory environment for all persons regardless of age, race, religion, gender, sexual orientation or disability.

Relevant websites:

UWSP Community Bill of Rights and Responsibilities:

<http://www.uwsp.edu/dos/Documents/CommunityRights.pdf>

In particular, this includes the UWSP Student Academic Disciplinary Procedures:

<http://www.uwsp.edu/dos/Pages/Academic-Misconduct.aspx>

Information concerning accommodations made as per Section 504 of the Rehabilitation Act or the Americans with Disabilities Act can be found at:

<http://www.uwsp.edu/disability/Pages/legalInformation/index.aspx>

In particular, to request any accommodations of this type, relevant to this class, please discuss the matter with the Disability Services Office. Information and contact information may be found at:

<http://www.uwsp.edu/disability/Pages/testingAccommodations/default.aspx>