

Instructor: Maggie Milkovich mmilkovi@uwsp.edu	Office Hours To contact me for help, email me and we can meet in the Collaborate Ultra room in Canvas	Class Meets: Mon – Thurs 2:00 – 2:50pm Online via Zoom (in Canvas)
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Text (rental): *Precalculus: Mathematics for Calculus*, 7th Edition, by Stewart, Redlin, & Watson (Publisher Cengage), ISBN 978-1-305-07175-9. Topics include most of those in Chapters 1 – 4 and a selection from Chapters 10 – 12.

Calculators: A graphing calculator is required and should be readily available during class. Recommended calculators are the TI-83 or TI-84 models. You may not share resources during exams since I want to know what you can do and allow each of you to show what you can do. Computers, phones, smartwatches, and devices with internet access are not allowed during exams or quizzes. They must be stowed out of sight, set to a silent mode, and not used at these times.

Canvas: Homework assignments, course grade information, and other class announcements will be in Canvas. To access Canvas, use your regular campus login ID and password. Check Canvas EVERY DAY.

Prerequisites: MATH 107 or suitable placement test score. Please verify that you have met the prerequisites so that you are prepared to have a successful semester. Feel free to ask questions about your preparation or mathematical background.

Learning Outcomes for this course: Students will be able to

- solve equations algebraically and graphically.
- solve inequalities involving rational functions via sign charts.
- use definitions and properties of functions, including algebraic combinations of functions, inverses, average rates of change, and partial fraction decompositions, with polynomial, rational, exponential, and logarithmic functions.
- use graphs to locate intercepts and asymptotes, and relate these back to an equation for the graph and to the Fundamental Theorem of Algebra.
- solve systems of linear equations using matrix methods.
- connect the types of conic sections with their equations, graphs, and properties.
- become familiar with basic types of sequences and series, and use sigma notation to describe arithmetic and geometric series.
- communicate conclusions and justifications using mathematical notation and language and using English sentences (in addition to symbolic mathematical sentences).
- develop the endurance and grit to engage with longer and more complex mathematical situations than were required in the prerequisite mathematics courses.

GEP (General Education Program) Quantitative Literacy Learning Outcomes

- 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.

Evaluation: Course grades will be determined by the following:

20% for the “daily” homework check assignments

20% for the quizzes (top five quiz scores will be used)

20% for Exam 1

20% for Exam 2

20% for the comprehensive Final Exam (*Tuesday May. 18, 12:30 – 2:30pm*)

Course Grades at or above	92.5%	90%	87.5%	82.5%	80%	77.5%	72.5%	70%	67.5%	62.5%
will receive at least a grade of	A	A -	B +	B	B -	C +	C	C -	D +	D

I reserve the right to exercise discretion in raising a student’s grade if the final course grade does not appear to reflect the student’s achievement (for example, because of one low exam score early in the course). I will not use discretionary judgments to lower a student’s final grade.

Seven **quizzes** and three **exams** (including the final) are listed in the schedule on page 5. The highest five quiz scores will be used in your course grade. I reserve the option for a quiz to be taken in Canvas outside of the regularly scheduled class time. If so, you will have a window of time to take it (probably by midnight on the day it is scheduled). This will free up class time for instruction. The current plan is for exams to be taken during our scheduled class time, and you will be joining me in Zoom with your video ON so I can “watch” you while you take the exam.

Almost every day, there will be a list of **homework** problems posted in Canvas. When you are doing homework, take notes or do some work on paper for almost every exercise. Have that work with you for class, or if you meet with me (or with a tutor) for help. Doing homework sustains your momentum and builds your skills! It is extremely important to your learning process, so make sure you stay on top of it and ask questions on whatever you don’t understand.

On most days, you will have a homework check **assignment** consisting of 3 homework problems that you will submit in Canvas to be given a grade. These will be due by midnight the same day.

Your score out of 10 points for these assignments will be based on evaluations of

- *Solid performance – 9-10 points*
- *Substantial work done – 6-8 points*
- *Partial understanding exhibited – 4-5 points*
- *No contribution – 0 points.*

Note that no work shown is considered “no contribution”

The lowest 4 scores for homework checks will be not be used in your course grade, leaving **four extra days** to allow for times you had to miss class or were unable to submit the problems on time. For maximum credit you **MUST** show ALL your work for these problems, and your work must be organized, NEAT and LEGIBLE. Illegible work will be given a grade of zero. I will do my best to get them graded before the next class. (So for example, I assign three questions to do on a Tuesday; you hand them in by midnight; I grade them before class on Wednesday.)

Attendance Policy: Attendance is expected at every online class meeting. It is the student's responsibility to view the recorded class session if you are unable to attend class. (You are still responsible to hand in the homework check assignment on time.) Quizzes and exams may only be made up in special circumstances, and only if arranged with me ahead of time. If a medical emergency occurs, contact the Dean of Students or the Disability & Assistive Technology office as soon as possible (contact info. below). Then we can see if an exception is in order.

Support is available:

Ask questions as they arise. EMAIL me right away so we can address your questions immediately. One of the great parts of my job is working with conscientious students!

Participation

Students are expected to participate in all online activities as listed on the course calendar. You should be accessing the course at least five times a week, and are responsible for checking announcements regularly.

Build Rapport

If you find that you have any trouble keeping up with assignments or other aspects of the course, make sure you let your instructor know as early as possible. As you will find, building rapport and effective relationships are key to becoming an effective professional. Make sure that you are proactive in informing your instructor when difficulties arise during the semester so that we can help you find a solution.

Math and Science Tutoring – Spring 2021

The Tutoring-Learning Center (TLC) offers **FREE** virtual tutoring to support you in your math classes. The tutors are UWSP students who have done well in their classes and who are here to share their successful study habits and math content knowledge to help others succeed. Discussing mathematical concepts and practicing problems together clarifies and solidifies knowledge, and the tutors are eager to study with you. The TLC will offer two main forms of math tutoring during Spring 2021:

- **Drop-In Tutoring.** Tutors are waiting in a Zoom room where students can “drop-in” for assistance. No appointment or registration is required and attendance is flexible. The schedule and Zoom links can be found here: <http://www.uwsp.edu/tlc/Pages/dropInTutoring.aspx>.
- **One-on-One Tutoring.** Tutors are available for weekly, recurring appointments. Weekly attendance is required, as this service is designed for long-term assistance. To sign up, students can submit a request form through the TLC webpage: <https://www.uwsp.edu/tlc/Pages/Mathandscischedules.aspx>. Appointments are made based upon tutor availability – we cannot guarantee that every student will be matched with a tutor. One-on-One Tutoring is **FREE** for all UWSP students during Spring 2021!

What	Details	Schedule	Cost
Drop-In Tutoring	Flexible attendance	https://www.uwsp.edu/tlc/Pages/dropInTutoring.aspx	Free
One-on-One Tutoring	Weekly attendance required	Complete online request form here: https://www.uwsp.edu/tlc/Pages/request-math-science-tutoring.aspx	Free

Student Expectations

In this course you will be expected to complete the following types of tasks.

- communicate via email
- view online videos
- complete homework and/or tests online
- upload documents to Canvas to submit your written work
- stay on task and meet the due dates
- contact your instructor (via email) or attend her office hours in Zoom whenever you need help
- participate in online discussions

For Help: 1) Ask questions as they arise. Send me an email. 2) Drop in to one of my virtual office hours. (In Canvas, select Zoom in the menu, and join the meeting for that day and time. 3) Tutoring services (through the TLC) are available for this course.

Technology

Protecting your Data and Privacy

UW-System approved tools meet security, privacy, and data protection standards. For a list of approved tools, visit this website. <https://www.wisconsin.edu/dle/external-application-integration-requests/>

Tools not listed on the website linked above may not meet security, privacy, and data protection standards. If you have questions about tools, contact the UWSP IT Service Desk at 715-346-4357.

Here are steps you can take to protect your data and privacy.

- Use different usernames and passwords for each service you use
- Do not use your UWSP username and password for any other services
- Use secure versions of websites whenever possible (HTTPS instead of HTTP)
- Have updated antivirus software installed on your devices

Course Technology Requirements

- View this website to see [minimum recommended computer and internet configurations for Canvas](#).
- You will also need access to the following tools to participate in this course:
webcam microphone printer a stable internet connection (don't rely on cellular)

UWSP Technology Support

- Visit with a [Student Technology Tutor](#)
- Seek assistance from the [IT Service Desk](#) (Formerly HELP Desk)
 - IT Service Desk Phone: 715-346-4357 (HELP)
 - IT Service Desk Email: techhelp@uwsp.edu

Canvas Support

Click on the Help button in the global (left)



navigation menu and note the options that appear:

Support Options	Explanations
<p>Ask Your Instructor a Question Submit a question to your instructor</p>	Use Ask Your Instructor a Question sparingly; technical questions are best reserved for Canvas personnel and help as detailed below.
<p>Chat with Canvas Support (Student) Live Chat with Canvas Support 24x7!</p>	Chatting with Canvas Support (Student) will initiate a <i>text chat</i> with Canvas support. Response can be qualified with severity level.
<p>Contact Canvas Support via email Canvas support will email a response</p>	Contacting Canvas Support via email will allow you to explain in detail or even upload a screenshot to show your particular difficulty.
<p>Contact Canvas Support via phone Find the phone number for your institution</p>	Calling the Canvas number will let Canvas know that you're from UWSP; phone option is available 24/7.
<p>Search the Canvas Guides Find answers to common questions</p>	Searching the Canvas guides connects you to documents that are searchable by issue. You may also opt for Canvas video guides .
<p>Submit a Feature Idea Have an idea to improve Canvas?</p>	If you have an idea for Canvas that might make instructions or navigation easier, feel free to offer your thoughts through this Submit a Feature Idea avenue.

All options are available 24/7; however, if you opt to email your instructor, she may not be available immediately.

- Self-train on Canvas through the [Self-enrolling/paced Canvas training course](#)

Understand When You May Drop This Course

It is the student's responsibility to understand when they need to consider unenrolling from a course. Refer to the UWSP [Academic Calendar](#) for dates and deadlines for registration. After this period, a serious and compelling reason is required to drop from the course. Serious and compelling reasons includes: (1) documented and significant change in work hours, leaving student unable to attend class, or (2) documented and severe physical/mental illness/injury to the student or student's family.

Incomplete Policy

Under emergency/special circumstances, students may petition for an incomplete grade. An incomplete will only be assigned if circumstances arise which are beyond the student's control and the student is unable to complete the course AND the student is passing when the circumstances arise. All incomplete course assignments must be completed within 8 weeks.

Inform Your Instructor of Any Accommodations Needed

If you have a documented disability and verification from the [Disability and Assistive Technology Center](#) and wish to discuss academic accommodations, please contact your instructor as soon as possible. It is the student's responsibility to provide documentation of disability to Disability Services and meet with a Disability Services counselor to request special accommodation *before* classes start.

The Disability and Assistive Technology Center is located in 609 Albertson Hall and can be contacted by phone at (715) 346-3365 (Voice) (715) 346-3362 (TDD only) or via email at datctr@uwsp.edu

Statement of Policy

UW-Stevens Point will modify academic program requirements as necessary to ensure that they do not discriminate against qualified applicants or students with disabilities. The modifications should not affect the substance of educational programs or compromise academic standards; nor should they intrude upon academic freedom. Examinations or other procedures used for evaluating students' academic achievements may be adapted. The results of such evaluation must demonstrate the student's achievement in the academic activity, rather than describe his/her disability.

If modifications are required due to a disability, please inform the instructor and contact the Disability and Assistive Technology Center in 609 ALB, or (715) 346-3365.

Commit to Integrity

As a student in this course (and at this university) you are expected to maintain high degrees of professionalism, commitment to active learning and participation in this class and also integrity in your behavior in and out of the classroom.

UWSP Academic Honesty Policy & Procedures

Student Academic Disciplinary Procedures

UWSP 14.01 Statement of principles

The board of regents, administrators, faculty, academic staff and students of the university of Wisconsin system believe that academic honesty and integrity are fundamental to the mission of higher education and of the university of Wisconsin system. The university has a responsibility to promote academic honesty and integrity and to develop procedures to deal effectively with instances of academic dishonesty. Students are responsible for the honest completion and representation of their work, for the appropriate citation of sources, and for respect of others' academic endeavors. Students who violate these standards must be confronted and must accept the consequences of their actions.

UWSP 14.03 Academic misconduct subject to disciplinary action.

- (1) Academic misconduct is an act in which a student:
 - (a) Seeks to claim credit for the work or efforts of another without authorization or citation;
 - (b) Uses unauthorized materials or fabricated data in any academic exercise;
 - (c) Forges or falsifies academic documents or records;
 - (d) Intentionally impedes or damages the academic work of others;
 - (e) Engages in conduct aimed at making false representation of a student's academic performance; or
 - (f) Assists other students in any of these acts.

- (2) Examples of academic misconduct include, but are not limited to: cheating on an examination; collaborating with others in work to be presented, contrary to the stated rules of the course; submitting a paper or assignment as one's own work when a part or all of the paper or assignment is the work of another; submitting a paper or assignment that contains ideas or research of others without appropriately identifying the sources of those ideas; stealing examinations or course materials; submitting, if contrary to the rules of a course, work previously presented in another course; tampering with the laboratory experiment or computer program of another student; knowingly and intentionally assisting another student in any of the above, including assistance in an arrangement whereby any work, classroom performance, examination or other activity is submitted or performed by a person other than the student under whose name the work is submitted or performed.

Religious Beliefs

Relief from any academic requirement due to religious beliefs will be accommodated according to UWS 22.03, with notification within the first three weeks of class.

NOTE that the following information is relevant for anyone who will be **on campus...**

Face Coverings:

- At all UW-Stevens Point campus locations, the wearing of face coverings is mandatory in all buildings, including classrooms, laboratories, studios, and other instructional spaces. Any student with a condition that impacts their use of a face covering should contact the [Disability and Assistive Technology Center](#) to discuss accommodations in classes. Please note that unless everyone is wearing a face covering, in-person classes cannot take place. This is university policy and not up to the discretion of individual instructors. Failure to adhere to this requirement could result in formal withdrawal from the course.

Other Guidance:

- Please monitor your own health each day using [this screening tool](#). If you are not feeling well or believe you have been exposed to COVID-19, do not come to class; email your instructor and contact Student Health Service (715-346-4646).
 - As with any type of absence, students are expected to communicate their need to be absent and complete the course requirements as outlined in the syllabus.
- Maintain a minimum of 6 feet of physical distance from others whenever possible.
- Do not congregate in groups before or after class; stagger your arrival and departure from the classroom, lab, or meeting room.
- Wash your hands or use appropriate hand sanitizer regularly and avoid touching your face.
- Please maintain these same healthy practices outside the classroom.

Testing will be required of students and employees who are on any UW-Stevens Point campus, beginning Monday, Jan. 25. This includes:

- Students living on campus are to test each week.
- All students and employees who come on university property are to test every two weeks.

Testing will be conducted from 8:30 a.m. to 4:30 p.m., Monday through Friday, in the Berg Gym, at the east end of Marshfield Clinic Health Systems Champions Hall, 2050 4th Ave.

Students and employees may schedule these tests at

<https://weberhealthlogisticsuwstevenspoint.schedulista.com/>. You may schedule multiple appointments through March 19. Prior to arrival for each test, complete the online screening on this website. After you are tested, you will be asked to wait for results, which will be shared privately. Please allow 30 minutes for each test.

If you have symptoms, do not come to campus. Students, contact Student Health Service. Employees, contact your health care provider or seek testing at a community testing site in your area.

If an antigen test is positive, and the student or employee is asymptomatic, a PCR test will be conducted on site. If the person is symptomatic and positive, no PCR test is needed. Immediate isolation is required.

Anyone who has a PCR test must isolate while awaiting those results, which take 3-5 days. If positive, please complete the COVID-19 reporting form. Employees should notify their supervisors.

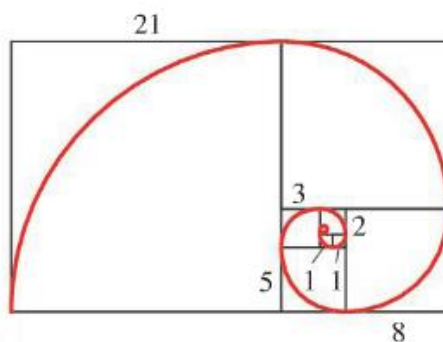
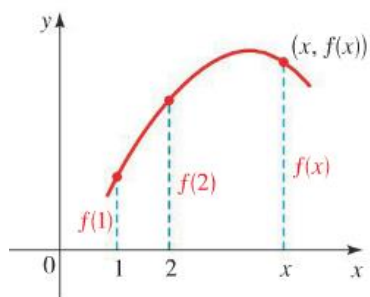
Questions may be directed to Michelle Gilbertson, project manager at Weber Health Logistics, mgilbertson@weber-health.com or 414-828-4453.

Weekly Schedule - Spring 2021

NOTE: this is a tentative schedule and is subject to revision if need be. Check Canvas regularly for updates, assignment particulars, and announcements.

Week	Approximate text sections to discuss this week	Events this week
1. January 25 – 28	Review on early Chapter 1, 1.8	
2. February 1– 4	1.9 – 1.11	Quiz 1 Thursday
3. Feb. 8 – 11	2.1 – 2.4	
4. Feb. 15 – 18	2.5 – 2.7	Quiz 2 Tuesday
5. Feb. 22 – 25	Section 2.8, Review	Exam 1 Thursday, Feb. 25
6. March 1– 4	3.1 – 3.3	
7. March 8 – 11	3.4 – 3.6	Quiz 3 Thursday
8. March 15 – 18	3.6, 3.7, 4.1, 4.2	
March 20 – 28	SPRING BREAK	
9. March 29 – Apr 1	4.3 – 4.5	Quiz 4 Thursday
10. April 5 – 8	4.5, 4.7, Review	Exam 2 Thursday, Apr. 8
11. April 12 – 15	10.1, 10.2, 10.3	
12. April 19 – 22	Section 10.3, 10.8	Quiz 5 Tuesday
13. April 26 – 29	10.7, 11.1 – 11.3	Quiz 6 Thursday
14. May 3 – 6	11.4, 12.1, 12.2	
15. May 10 – 13	12.3, 12.6, Review	Quiz 7 Tuesday

Final Exam: Tuesday, May. 18th, 12:30 – 2:30 pm



1, 1, 2, 3, 5, 8, 13, 21,... and the Fibonacci Spiral

