

**Finite Mathematics**  
**MA 113 Winter 2021, Section 02**  
**11:00 – 11:50 MTWR HRDN 235A**

**Professor:** Ellie Soper

**Office:** Jamrich 2235

**Email:** [etatrow@nmu.edu](mailto:etatrow@nmu.edu)

**Office Hours:** MTWR 12:00 am, or by appointment (via zoom)

**Text:** Algebra and Trigonometry, Edition 10e by Larson

**Course description:** This course is designed primarily for students in business, economics, management, and the social sciences and life sciences. MA 103 builds on the algebraic skills of MA 100 while emphasizing applications, modeling, and decision-making from business, social and natural sciences, medicine, and other areas. It is a prerequisite for MA 171 and can be used as a Liberal Studies elective under Division III Natural Sciences/Mathematics.

**Prerequisite:** MA 100 (Passed with C- or better) or satisfactory score on the math placement exam.

Course Learning Outcomes

1. **Solve systems of equations using matrices, and model and solve linear programming applications.**
2. **Understand the financial mathematics behind interest, amortization, annuities, and sinking funds.**
3. **Understand basic probability and statistics concepts.**

**Homework: Assignments will be completed online through WebAssign.**

You can create an account here:

<https://www.webassign.net>

Once on the website use the following class key and then create an account, if you do not already have one through Cengage.

Class key: **nmu 0871 3492**

If you already have a WebAssign account from another class, then use the key to find the course. If not – on the login page click the button that says “I have a class key” and follow the prompts to register for the class homework assignments on WebAssign and create an account. You have access to the course free for two weeks – then you will

need to enter your access code (purchased with the text) or purchase access through WebAssign directly. Homework will be due Saturday nights at 11:30 pm.

**Exams:** There will be one in class quiz, three exam reviews, three exams, and one final project.

**Breakdown:**

Quizzes:	2.5%
Exam Reviews:	7.5%
Exams (each):	15%
Homework:	20%
Final Project:	20%
Attendance:	5%

**Grade scale:**

90 – 100%	= A
80 – 89%	= B
70 – 79%	= C
60 – 69%	= D
< 60%	= F

**How to Succeed:**

- o Take notes during class.
- o Attend my office hours if you need help.
- o Go to the Tutor Lab if needed.
  - Math Lab - JXJ 2100 (9am-6pm)
  - All-Campus Tutoring (Evening)
- o Please Ask Questions (I'm ALWAYS available)

**About me:**

Hi, my name is Ellie Soper. I have a little girl who is about 5 years old. Math has always been my favorite subject, and I've wanted to be a teacher since I was little. I love puzzles, reading, and (thanks of covid) have binged watched way too many tv shows.

I graduated from Northern in May of 2018 with a Bachelor's Degree in Mathematics. While at Northern I was a TA and a tutor for the math department. Since then I have been managing Saykly's the Candy Store here in Marquette and working on my Master's Degree.

**Important Deadlines:**

**Last Day To Add A Class:** Thursday, January 21st\*, by 5 p.m.

\* Instructor signature required to add a course after these dates.

**Last Day To Drop For 100% Refund and No Grade:** Tuesday, January 26th, by 5 p.m.

**Last Day To Drop Course With a "W" Grade:** Friday, March 26th, by 5 p.m.

## **University Policies**

**Academic Honesty:** Cheating is not only unethical and pathetic, but is a violation of the Northern Michigan University [Student Code and University Policy](#) and grounds for your dismissal from the University.

**Discrimination & Harassment:** Northern Michigan University does not unlawfully discriminate on the basis of race, color, religion, national origin, gender, age, height, weight, marital status, handicap/disability, sexual orientation or veteran status. If you have a civil rights inquiry, contact the [Affirmative Action Office](#) at 906-227-2420.

**Americans with Disabilities Act Statement:** If you have a need for disability-related accommodations or services, please inform the Coordinator of Disability Services in the Dean of Students Office at 2001 C. B. Hedgcock Building (227-1737 or [disserv@nmu.edu](mailto:disserv@nmu.edu)). Reasonable and effective accommodations and services will be provided to students if requests are made in a timely manner, with appropriate documentation, in accordance with federal, state, and University guidelines.

**Mask Accommodation ADA Statement:** Certain students may qualify for alternative face-covering accommodations due to a variety of health conditions. These students have gone through a qualifying process with the Office of Disability Services. Faculty have been notified of which students receive these accommodations in their class. If you have concerns regarding this topic please contact the faculty member outside of class. Please do not question or confront fellow students in the classroom who are using alternative or modified face coverings.

*This syllabus is subject to change with notice.*