Instructor: Karl Thomsen  
e-mail: kathomse@nmu.edu, kthomsen@mapsnet.org

Prerequisite: AT LEAST a C– in MA090 or satisfactory score on Math Placement Exam.


Additional supplies: Scientific calculator (fraction key useful); additional graphing calculator will be useful, but you MUST have access to a calculator without algebraic technology. Notebook for class notes & homework: loose-leaf recommended. NMU e-mail account which you check regularly.

Attendance: Daily attendance is expected and will be recorded. You should enroll in and pay for this course only if you have the time to devote to each class meeting and to complete all assignments. You will not learn algebra by observation.

Assignments: PLAN TO SPEND AN AVERAGE OF 1-2 HOURS ON EACH ASSIGNMENT. If your schedule will not permit this much homework time, I recommend that you give serious consideration to withdrawing from the course. Reading and problems will be assigned each day. In addition, you should take notes, including examples used, covering material presented in class. In doing homework, SHOW YOUR WORK for each problem assigned when possible. Make corrections as we discuss the problems.

Tests & Quizzes:
- Announced quizzes will be worth 50 points. They may include problems from your homework.
- No make-up quizzes will be given without prior arrangement.
- For a student with fewer than 2 unexcused absences, the lowest quiz score will be dropped if doing so would improve the student's average.
- Each test will be worth 100 points. Tests will cover assigned reading, material presented in class, and concepts covered in homework. No test scores will be dropped.
- You must take tests and quizzes at their scheduled times unless notifying me prior to the test/quiz. I do have final say on whether or not your absence is a valid reason.
- Make-up tests/quizzes must be made up within one week’s time. If they are not they automatically become a zero.
- Only students who have taken all tests will be admitted to the final exam. Thus, missing a test guarantees earning a failing course grade except in extremely unusual circumstances.
- If you are earning a B or better the final exam is optional.
- The comprehensive final exam will be worth 200 points.

Grades:
- To pass this course you must take all tests. Your course grade will be based on your quiz, test, and final exam scores.
- Grading Scale
  - A 100-93
  - A- 92-90
  - B+ 89-87
  - B 86-83
  - B- 82-80
  - C+ 79-77
  - C 76-73
  - C- 72-70
  - D+ 69-67
  - D 66-63
  - D- 62-60
  - F Below 60
- A grade of **AT LEAST C**– is required for registration in MA103, MA104, or MA150.
- A grade of **AT LEAST B**– is required for registration in MA105.

**Extra Help:**
- Math Study Lab: WS3810: 227-1612 Jacobetti Center 103: 227-2283
- All-Campus Tutorial Service: LRC111H & HDG 3302.2: 227-2618
- Tape recording of class sessions is permitted; **study groups are recommended.**
- Room 226 at Marquette Senior High School at 2:30. If you plan on stopping by the high school please e-mail me at kthomsen@mapsnet.org to let me know you are coming. Some days I have meetings and can’t be there.
- Feel free to e-mail questions that arise as you’re doing your homework. I would ask you to e-mail me these questions at my NMU address.
- Use Youtube or Khan Academy clips to help guide you through your homework.

**Learning Outcomes**

After successful completion of MA100 students will be able to:

1) Write and graph equations of lines.
2) Solve systems of equations both graphically and algebraically.
3) Set up and solve application problems using a single-variable equation or a system of equations.
4) Solve one-variable equations (e.g., linear, quadratic, absolute value, radical, rational, exponential) and literal equations.
5) Solve and graph linear and absolute value inequalities.
6) Solve problems using mathematical formulas (e.g., quadratic formula, distance formula, midpoint formula, and area and volume formulas).
7) Simplify polynomial, rational, and exponential expressions.
8) Express functions in tabular, graphical, and symbolic form.

Learning outcomes will be assessed using assignments, quizzes, tests, and the final exam.

If you have a need for disability-related accommodations or services, please inform the Coordinator of Disability Services in the Disability Services Office by: coming into the office at 2001 C. B. Hedgcock; calling 227-1700; or e-mailing 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.