

# MTH 105: INTERMEDIATE ALGEBRA

Fall 2018

CRN: 22357996

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Instructor: Tanuj Gupta

Email: [gupta2t@cmich.edu](mailto:gupta2t@cmich.edu)

Phone: (989) 774-3997

Office Hours: Monday 1 - 2 p.m.  
Tuesday 11 a.m. – 12 noon

Office: Pearce 103

Class timings: Tuesdays and Thursdays  
8:00 – 9:15 a.m.

Class Location: Moore 120

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Course Website: BlackBoard (<https://blackboard.cmich.edu>)

Course  
Requirements:

- **Course Pack:** The MTH 105 Course Pack contains information about course policies, grading details, tutoring resources, assignment and test schedules, practice exams, and selected topic helps.
- **MyMath Lab Access:** Homework credit is earned online via MyMathLab.com. The access code is available at the CMU Bookstore packaged alone or with a textbook. An e-text is included when you purchase the access code. **If you purchased a code for MTH 105 Fall 2017 or later you do not need a new code.**
- **Calculator:** Any scientific calculator that handles exponents ( $y^x$  key) works. Graphing calculators (TI-82, TI-83, and TI-84) are not required. Programmable (TI-89 or above, any Casio fx series, TI-Inspire) or CAS system calculators, or calculator apps on any other type of electronics are not allowed.
- **Textbook (optional):** Lial, Hornsby and McGinnis, Beginning & Intermediate Algebra; 6th ed. This text is available in either a three-hole paper version, or the traditional hardbound.

Previous Knowledge: Arithmetic and Beginning Algebra skills; operations on fractions, order of operations, GCF and LCM, integer exponents on numeric/variable base, taking a root of a number/variables, solving linear equations, graphing points and lines, linear inequality in one variable, and factoring polynomials and solving polynomial equations. Recall of these topics will be mentioned in passing, but not dwelt on, in class.

Course Goals: This course will help you to have a better understanding of rational expressions and equations, graphing, functions, solving systems of linear equations and linear inequalities in two variables, radical expressions and equations, quadratic equations and analysis.

Office Hours: If your schedule does not sync with posted office hours, send an **email** to arrange a time to meet.

Grading Policy: Homework: 100 points  
Daily Work: 100 points (60 Quizzes + 40 Exit Problems)  
Three Midterm Exams: 100 points each  
  
Final Exam: 150 points  
**Total: 650 points**

Online Assignments: Be sure to work out each problem in a notebook. Online assignments are graded online using CMU's MyMathLab website. Register for online access on MyMathLab as soon as possible in order to do assignments made the first week of the semester. No personal computer is required: computers are available across campus. **Online Assignment due dates will not be extended due to your personal computer issues.** A 14-day temporary access code is available.

Daily Work Grade: The daily work grade is 100 points which include **Quizzes worth 60 points** and **Exit Problems worth 40 points**.

Note: If you are not in class, you cannot earn these points. At least two lowest quiz scores are dropped at the end of the semester. There are **NO MAKE-UP QUIZZES**. If you know you will miss a quiz due to have an excused absence or are participating in a university-sponsored event arrange to take the quiz before you go.

Extra Credits: There are no extra credits, except for those on an exam.

Classroom: Using cellphones, laptops, or any other electronic device (other than your  
Discipline: calculator) during the class is not appropriate.

**Final Exam:** December 11, 2018 (Tuesday)  
8:00 – 9:50 a.m.  
**Moore 120**  
The exam covers all semester material

Accommodations: CMU provides students with disabilities reasonable accommodation to participate in educational programs, activities or services. Students with disabilities requiring accommodation to participate in class activities or meet course requirements should first register with the Office of Student Disability Services (120 Park Library, telephone# (989) 774-3018, TDD #2568), and then contact instructors as soon as possible.