

Hagerstown Community College
MASTER SYLLABUS

COURSE: MAT 098 Pre-Algebra, 2 Credits

SEMESTER/YEAR: Fall 2016

LEAD INSTRUCTOR: Rich Campbell, Carrie Hawbecker, Rebecca Kendrick

COURSE DESCRIPTION:

(2 credits) This is a developmental course in pre-algebra skills. It includes addition, subtraction, multiplication, and division of real numbers, including: whole numbers, integers, fractions, and decimals. Also covered is a study of algebraic expressions and solving simple linear equations. Students are expected to practice mathematics several days per week. Students may be required to attend the Learning Support Center workshops during the semester for additional instruction and skill-building exercises. Total of 30 contact hours.

TEXTBOOK: Prealgebra e-text (posted on Moodle) from OpenStax.org
<https://openstax.org/details/prealgebra>

STUDENT LEARNING OUTCOMES:

Upon successful completion of this course students should be able to...

1. Correctly perform all four basic operations on integers.
2. Correctly perform all four basic operations on fractions.
3. Correctly perform all four basic operations on decimals.
4. Apply the order of operations to numerical and algebraic expressions.
5. Simplify algebraic expressions.
6. Solve simple linear equations.

CREDIT HOUR REQUIREMENT: minimum of 75 hours

To earn one academic credit at HCC, students are required to complete a minimum of 37.5 clock hours (45 fifty-minute “academic” hours) of coursework per semester. Those hours of coursework may be completed through a combination of hours within the classroom and hours outside the classroom. Certain courses may require more than the 37.5 minimum hours of coursework per credit. For most classes, students should expect to do at least 2 hours of coursework outside of class for each hour of in-class coursework.

MAT 098, a 2-credit course, has an average time commitment of 75 hours:

LECTURE	Direct Faculty Instruction (In Class)	Student Work (Out of Class)
Lecture and in-class assignments	25 Hrs. (final exam taken in class)	
Exams		10 Hrs. to Prep 4 Hrs. to Complete
Homework/Quizzes		36 Hrs.

COURSE POLICIES:

Honor Code: Upon admission to HCC all students sign a pledge to uphold an honor system which holds the qualities of honesty and integrity in highest regard for the duration of their educational experience.

Services for Students with Disabilities: Students who have a disability are encouraged to identify themselves to the Disability Support Services (DSS) office as early as possible. Reasonable accommodations based on current documentation are provided to qualified students. Contact the Disability Support Services office at 240-500-2628 or at dss@hagerstowncc.edu to request accommodations.