

## EXAM 2 OBJECTIVES - MATH 002

*The students should be able to:*

1. Add, subtract, and multiply polynomials.
2. Factor polynomials by a variety of techniques - GCF, Grouping, Special Products.
3. Solve linear inequalities.
4. Solve absolute value equations and inequalities.
5. Express inequalities using interval notation, inequality notation, and number line graphs.
6. Use inequalities to solve application problems.
7. Convert a number between decimal and scientific notation.
8. Use the zero product property to solve quadratic equations by factoring.
9. Understand function notation and evaluate function values.

