# Math SLO's: 8/29/2008

## *Math 090:*

The student will perform the operations of addition, subtraction, multiplication, and division on polynomials using correct exponent rules.

The student will factor polynomials with integer coefficients (common monomial, common polynomial, grouping, trinomial, difference of squares, difference of cubes, sum of cubes).

The student will correctly solve linear and first degree literal equations using appropriate principles and methods.

The student will graph linear equations by using a T-chart (arbitrary points), the intercepts, or the slope-intercept form.

The student will use variables to construct linear and rational models that represent given hypothetical applications.

# Rubric:

[3 pts] Student demonstrates an understanding of mathematical concepts with no conceptual errors and minor computational mistakes.

[2 pts] Student demonstrates a partial understanding of mathematical concepts with some conceptual and/or computational mistakes.

[1 pts] Student demonstrates a minimal understanding of mathematical concepts with significant conceptual and/or computational mistakes.

[0 pts] Student demonstrates no understanding of mathematical concepts or no work provided.