Math SLO's: 8/29/2008

Math 151:

The student will identify and sketch the graphs of both algebraic and transcendental functions including translations.

The student will apply appropriate techniques for solving different types of algebraic and transcendental equations.

The student will simplify algebraic and transcendental expressions at the level indicated on the course outline.

The student will recognize, define, and use formal mathematic notation as approprate to the course outline.

Math 250:

The student will evaluate limits, including proofs, for linear functions.

The student will determine and analyze derivatives as appropriate to first year calculus.

The student will recognize, define, and use formal mathematical notation as appropriate to the course outline.

Math 251:

The student will evaluate and analyze integrals as appropriate to first year calculus.

The student will evaluate and analyze sequences and series and their relation to functions as appropriate to first year calculus.

The student will recognize, define, and use formal mathematic notation as appropriate to the course outline.

Math 252:

Using techniques of multivariable calculus the student will apply derivatives and integration to functions of several variables.

The student will recognize, define, and use formal mathematic notation as appropriate to the course outline.

Math 265:

The student will apply the fundamental properties of matrices to problmes appropriate to linear algebra.

The student will recognize, define, and use formal mathematic notation as appropriate to the course outline.

Math 266:

The student will analyze a differential equation and then select and implement an appropriate method to solve the equation.

The student will recognize, define, and use formal mathematic notation as appropriate to the course outline.