Course Title: Basic Statistics **Board Approval Date: June, 2010**
Credit / Hours: 1 credit

Course Description:

The course content of Basic Statistics includes, but is not limited to probability, data collection, data display methods, data interpretation, descriptive and inferential statistics, statistical measures of centrality and spread, binomial and normal distributions, hypothesis testing, sample size, and confidence intervals.

Learning Activities / Modes of Assessment:

Large group instruction
Tests and Quizzes
Teacher Observation with Checklists
Small group work
Projects with Rubrics
Computer simulations

Instructional Resources:

Probability and Statistics Workbook (REA, 2009) Research & Education Association, Inc.
Appropriate Internet resources

Course Pacing Guide

Course: Basic Statistics

Course Unit (Topic)	Length of Instruction
1. Organizing Data	20 days
2. Measures of Central Tendency	20 days
3. Measures of Position	15 days
4. Probability Basics	15 days
5. Counting Methods	15 days