

WV CSO Curriculum Planning Tool

Applied Mathematics II

Standard	Obj.#	Objective	Projected Date	Date Taught	Date Assessed	Date Re-Taught	Date Re-Assessed
Standard 2	AM2.2.1	analyze a given set of data for the existence of a pattern numerically, algebraically and graphically; determine the domain and range; and determine if the relation is a function.					
	AM2.2.2	determine the slope of a line given an equation of a line, the graph of a line and two points to be identified.					
	AM2.2.3	graph linear equations using slope-intercept, point slope, and x- and y-intercepts.					
	AM2.2.4	write an equation of a line given graph of a line, two points on the line, the slope and a point, and the slope and y-intercept.					
	AM2.2.5	solve systems of linear equations numerically and graphically, by the elimination method and by the substitution method.					
	AM2.2.6	add and subtract polynomials.					
	AM2.2.7	multiply and divide binomials by binomials or monomials.					
	AM2.2.8	factor polynomials by using appropriate methods.					
	AM2.2.9	solve quadratic equations by graphing, factoring and quadratic formula.					
	AM2.2.10	add, subtract, multiply and divide simple rational expressions.					
	AM2.2.11	use process (flow) charts and histograms, scatter diagrams, and normal distribution curves in order to perform statistical process (quality) control.					
	AM2.2.12	perform a linear regression and use the results to predict specific values of a variable. Identify the equation for the line of regression.					