Course Objectives	Competencies
1. Students will demonstrate their knowledge of functions	a. Students will recognize definition of a function b. Students will successfully identify and use function notation c. Students will identify the domain and range of a function
2. Students will demonstrate their knowledge of linear functions	a. Students will identify rates of change of linear functions b. Students will identify and graph linear functions c. Students will graph and solve linear systems of equations d. Students will solve systems of linear equations using matrices e. Students will successfully solve lineaer inequalities f. Students will be able to fit linear models to data
3. Students will demonstrate their knowledge of polynomial functions	a. Students will be able to identify core attributes and graph quadratic functions b. Students will be able to solve quadratic equations. c. Students will be able to analyze polynomial functions
4. Students will demonstrate their knowledge of rational functions	a. Students will be able to identify core attributes and graph rational functions b. Students will be able to solve rational equations
5. Students will demonstrate their knowledge of exponential and logarithmic functions	a. Students will identify core attributes and graph exponential functions b. Students will identify core attributes and graph logarithmic functions c. Students will utilize exponential and logarithmic models
6. Students will demonstrate their knowledge of basic finance principles	a. Students will calculate simple and compound interest b. Students will be able to eplain and calculate annuities c. Students will understand, compare and calculate loans