

Florida Online Course Alignment

Course Name and Number: Algebra 1 (1200310)

Standard	Benchmark	Depth of Knowledge/Level of Complexity*		Alignment Evidence
		Stated	Provider	
Real and Complex Number Systems	MA.912.A.1.8: Use the zero product property of real numbers in a variety of contexts to identify solutions to equations.	Moderate		Lessons 2: Abstract problem solving, 9: Real-world problem solving. Students will correctly use the zero sum property of real numbers in both real world and abstract problem solving of equations.
Relations and Functions	MA.912.A.2.3: Describe the concept of a function, use function notation, determine whether a given relation is a function, and link equations to functions.	Moderate		
Relations and Functions	MA.912.A.2.4: Determine the domain and range of a relation.	Moderate		
Relations and Functions	MA.912.A.2.13: Solve real-world problems involving relations and functions.	High		
Linear Equations and Inequalities	MA.912.A.3.1: Solve linear equations in one variable that include simplifying algebraic expressions.	Moderate		

*Depth of Knowledge and Levels of Complexity do not apply to all curriculum subject areas. Please use this column only as needed, based on subject area.

Florida Online Course Curriculum Alignment Directions for Completion

Instructions for Accessing Standards and Benchmarks:

Standards and benchmarks for Florida courses may be found at:

<http://www.floridastandards.org>.

From the homepage, click on the **Courses Information and Descriptions**, click the **Keyword Search tab** and in the **Keyword Search box** enter the course name for which you need to see standards and benchmarks.

For example, if you choose to search for Algebra 1 you will see a list of relevant courses. In this case you would select Algebra 1 (Course 1200310) from the list (for a complete listing of courses consult the Florida Course Code Directory at <http://www.fldoe.org/articulation/CCD>).

Benchmarks related to the course will be shown on the page below **General Information and Assessment**. There is the ability to export the data to Excel or Word; however, the standard and depth of knowledge (cognitive complexity) will be lost and will have to be added manually (at this time).

A sample and template have been provided for your convenience. Please note that all alignment documents will be reviewed by an external examiner and/or a DOE subject area content specialist for compliance with the state standards and benchmarks.

Florida Online Course Alignment form to be completed by Provider:

For each course, please provide a description of the methodology used to undertake your alignment (remembering that key word alignments are unacceptable).

For each course complete a **Florida Online Course Alignment form**, inserting the relevant Florida standards, benchmarks and depth of knowledge (cognitive complexity). Complete the provider column under Depth of Knowledge and the Alignment Evidence column.