

**Content Requirements for Qualified Admission**  
**Algebra I Mathematic Courses**

In addition to the “Content Requirements for All Qualified Admission Mathematic Courses,” each Qualified Admission Algebra I course shall include instruction in each of the following topics:

- I. Linear equations and functions, including both symbolic and graphic representations;
- II. Data analysis, including linear regression for a data set;
- III. Solution of linear equations and inequalities, both singularly and in systems, with sufficient emphasis to produce proficiency;
- IV. Properties of positive and negative real numbers, with sufficient emphasis to produce proficiency;
- V. Absolute value;
- VI. Exponents and radicals;
- VII. Factoring patterns;
- VIII. Solutions of quadratic equations; and
- IX. Additional topics upon approval of the Chief Executive Officer of the Board of Regents or the Chief Executive Officer’s designee