

ALGEBRA IA/IB 1200370/1200380
Grades 9-12 Credits 1.0 or 2.0

Prerequisite: Level 3 or below in Pre-Algebra, Level 3 or below in FSA-ELA 1.0 for college transcript credit or 2.0 for graduation credit

The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, called units, deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions.

The Standards for Mathematical Practice apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.