

**COURSE DESCRIPTIONS
MATHEMATICS**

Pre-Algebra **MA308** **Grades 9-10** **Year**
Course is designed to review the fundamental concepts and skills of arithmetic, as applied to Algebra and to develop a workable understanding of the skills, terminology, notation, and symbolism of algebra.

Algebra I **MA309** **Grades 9-12** **Year**
PL Algebra I **MA309P**
SDAIE Algebra I **MA309S**
Prerequisite: Recommendation of the Department Chair or teacher.
This course is designed to develop a student's understanding of symbolic reasoning. Algebraic skills and concepts are developed in a wide variety of problems solving situations. This course meets the content standards for Algebra as required for graduation and CSU and UC admission.

Math Intervention **MA 326** **Grades 9-12** **Year**
Prerequisite: Unsuccessful completion of 9th grade Algebra I. Co-Course: Algebra I.
This course covers basic Algebra I skills and concepts in support of regular Algebra I. The class is developed to give students the support needed to be successful in Algebra I.

Geometry **MA318** **Grades 9-12** **Year**
SDAIE Geometry **MA318S**
Prerequisite: Successful completion of Algebra I with a "C-" or better and recommendation of the Department Chair or teacher.
This course deals with the relationships, properties and measurements of solids, surfaces, lines and angles. This course meets the content standards for Geometry as required for graduation and CSU and UC admissions.

Honors Geometry **MA318H** **Grades 9-12** **Year**
Prerequisite: Successful completion of Algebra I with a "B" or better and recommendation of the Department Chair or teacher.
This course covers and extends the same objectives taught in Geometry. Research and technology will be required. This course meets the content standards for Geometry as required for graduation and CSU and UC admissions.

Algebra II **MA312** **Grades 9-12** **Year**
Prerequisite: Successful completion of Geometry with a "C-" or better and recommendation of the Department Chair or teacher.
This course complements and extends the mathematical content and concepts taught in Algebra and Geometry. This course meets the content standards for Algebra II as required for graduation and CSU and UC admissions.

Honors Algebra II **MA312H** **Grades 10-12** **Year**
Prerequisite: Successful completion of Geometry with a "B" or better. All students are required to fill out an application along with the teacher recommendation before consideration.
This course covers and extends the same objectives taught in Algebra II. This course meets the content standards for Algebra II as required for graduation and CSU and UC admissions.

Pre-Calculus **MA322** **Grades 11-12** **Year**
Prerequisite: Successful completion of Algebra II with a "C-" or better and recommendation of the Department Chair or teacher.

