**Santiago High**

**Intro to Engineering and Architecture 1A/1B**

**The class**

This is a one-year elective class. You will learn how DESIGNERS communicate their ideas with the people who make/build their designs. Architects, Car designers, Fashion designers, Engineers, Interior designers, Shoe designers….everyone who **designs**….needs to learn the drawing system that designers use. You will learn that in Intro to Engineering and Architecture 1A/1B. No computer or design experience is necessary!

**College Credit in 9th grade!**

Santiago’s Intro to Engineering and Architecture 1A/1B is articulated with 2 of Norco College’s classes….we do the same thing they do! This means if you do a good job in Intro to Engineering and Architecture 1A/1B, you will receive 6 college credits (yes, 2 semester classes!)….that can be transferred to most California colleges. You do not have to go to Norco College to get the credits. An “A” in Intro to Engineering and Architecture 1A/1B gets you off to a 4.0 GPA start in college!!!

Santiago’s Intro to Engineering and Architecture 1A/1B meets the UC/CSU “g” college-prep elective credit.

**Software you will learn:**

SketchUP AutoCAD Revit Architecture Solidworks

A suggested 9th grade schedule for students taking Intro to Engineering and Architecture 1A/1B with a career goal of **Engineering**:

1. Int Math 1 or Int Math 2
2. LA1 or LA1 Honors
3. Biology or Honors Biology
4. PE or Band PE
5. 3D Printing 1A/1B
6. Intro to Engineering and Architecture 1A/1B

A suggested 9th grade schedule for students taking Intro to Engineering and Architecture 1A/1B with a career goal of **Architecture**:

1. Int Math 1 or Int Math 2
2. LA1 or LA1 Honors
3. Biology or Honors Biology
4. PE or Band PE
5. Health and Interior CAD Design 1A (each class is a semester)
6. Intro to Engineering and Architecture 1A/1B