

**PATHWAYS IN ARCHITECTURE AND ENGINEERING  
AT SANTIAGO HIGH SCHOOL**

**ARCHITECTURE PATH**

INTRO TO ENGINEERING AND ARCHITECTURE 1A/1B

INTERIOR CAD DESIGN 1A

ARCHITECTURE DESIGN 1A/1B

GREEN BUILDING DESIGN 1A/1B

ARCHITECTURE DESIGN 2A/2B

**ENGINEERING PATH**

INTRO TO ENGINEERING AND ARCHITECTURE 1A/1B

3D PRINTING 1A/1B

CAD 2A/2B (MECHANICAL ENGINEERING)

DESIGN MANUFACTURING 1A/1B (CNC)

DESIGN MANUFACTURING 2A/2B (CNC)

**ARCHITECTURE AND ENGINEERING COURSES**

INTRO TO ENGINEERING AND ARCHITECTURE 1A/1B (NO PREREQUISITE) (MEETS UC/CSU A-G "G" COLLEGE PREP ELECTIVE CREDIT)

ARCHITECTURE DESIGN 1A/1B (NEED INTRO TO ENG AND ARCHITECTURE OR INTERIOR DESIGN1A) (MEETS UC/CSU A-G "F" VISUAL AND PERFORMING ARTS REQ)

GREEN BUILDING DESIGN 1A/1B (NEED ARCHITECTURE DESIGN 1A/1B)

ARCHITECTURE DESIGN 2A/2B (NEED ARCHITECTURE DESIGN 1A/1B)

3D PRINTING 1A/1B (NO PREQUISITE)

CAD 2A/2B ENGINEERING (NEED INTRO TO ENGINEERING AND ARCHITECTURE 1A/1B OR 3D PRINTING 1A/1B)  
UC/CSU A-G "G" COLLEGE PREP ELECTIVE CREDIT)

(MEETS

DESIGN MANUFACTURING 1A/1B (NEED CAD 2A/2B)

DESIGN MANUFACTURING 2A/2B (NEED DESIGN MANUFACTURING 1A/1B)

INTERIOR DESIGN 1A (NO PREQUISITE, SEMESTER CLASS)