

Why Career Technical Education (CTE)?

Career Technical Education
provides students with
opportunities to **experience** and
develop real-world skills within
our education system that
prepares them for success in post-
secondary options.

Construction Technology Pathway

College & Career Readiness

San Juan Unified School District
Encina High School



NAVIANCE

CONSTRUCTION LABORERS INTERESTS

Realistic
Conventional
Enterprising

Explore your interests through the
Interest Inventory survey in Naviance.

More Info?

sanjuan.edu/collegecareerready

Contact

Department of
College & Career Readiness
7322 Sunrise Blvd.
Citrus Heights, CA 95610
(916) 971-7163



San Juan Unified
SCHOOL DISTRICT

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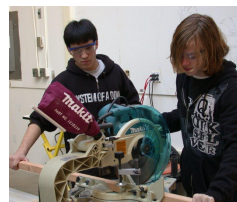


Construction Technology

The Construction Technology pathway prepares students to work or continue their education in architecture, building inspection technology, or construction management. Students will learn carpentry technology, blueprint reading, land preparation, basic plumbing, electrical installations and roofing as well as safety and first-aid procedures.

The advanced course focuses on building codes, estimating, sustainable building process and techniques, project management and advanced carpentry techniques. Students will learn site survey and layout, footings and foundations, floor systems, stick framing layout and assembly, stairs and landings and roof systems.

Students will manage their project and determine all costs, materials needed and request and accept bid proposals.



Construction Technology

(Meets UC/CSU
"G" Requirement)

1



Advanced Construction Technology

(Meets UC/CSU
"G" Requirement)

2



Equipment & Training

- Routers
- Miter Saw
- Table Saw, Planer
- Jointer
- Drills
- Nail and Staple guns
- Safety Certification



Extracurricular & Internships

- Sacramento Builders Exchange Design: CREATE Mentor Program
- Summer Home Builders Construction Internship (paid plus earned high school credit)



Industry Partners

- Case Custom Cabinets
- Ireland Electric
- Flint Construction
- AIRCO Mechanical



Career Outlook

Construction & Extraction Occupations

- Projected to grow 15 percent
- Demand stems from new buildings, roads, and other structures
- Annual median wage is \$66,450

U.S. Department of Labor, Bureau of Labor Statistics, (May, 2021).