



PATHWAY SPOTLIGHT: BUILDING TRADES & CONSTRUCTION

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newsletter 

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STUDENT QUESTION & ANSWERS

Why did you pick this pathway?

Construction isn't just hands-on and building like many things, it's also designing and laying out plans. I believe it's a form of art and it allows me to express myself and create beautiful structures whether it be schools, homes, etc. The opportunity to do both is what attracted me in the beginning but what kept me in the pathway was the support, the constant opportunities, and the chance to improve myself as a person overall.

Favorite thing you learned in your pathway?

I've learned to open up, greatly improve my communication skills, and can proudly say more about computers while in the process of designing.

Briefly describe your participation in experiences and activities related to your pathway.

I started off with helping behind the scenes but became more active and deepened my participation as time went on. From helping set up and organizing to speaking and presenting. Throughout all my experiences, I leave each time with something new.

Favorite memory of being a part of the pathway.

I've loved being a part of the CMA overall but I recall a specific moment where I spent weeks working on our Junior project that consisted of designing, planning, decorating, and placing a house in a 3-d world that would give the effect of it in real life.

Advice to students interested in your pathway.

It's tough but anything worth doing is never easy. Be as active as possible, take advantage of any opportunities, keep improving, and don't forget to have fun. You only live once so don't let opportunities pass by because you don't believe you can do it.

Do your future goals include what you learned in your pathway?

Each year focuses on different yet related fields such as construction, architecture, and hands-on experience. Every year has expanded my knowledge in ways I never thought possible, from mastering time management and planning to excelling in design and dimensional creation.

Plans after high school:

My hopes and plans are going to college, receiving my master's degree, becoming an architect and one day owning a business.



MARLENE GOMEZ MEZA, SENIOR
BUILDING TRADES & CONSTRUCTION

PATHWAY AT A GLANCE

The Construction and Building Trades sector offers students an educational program that combines both academic and vocational training, concentrating on career readiness, exploration, and skills development. These standards aim to equip students for further technical education, higher learning, or immediate career entry. This field focuses on construction methodologies, systems, and the mechanics of structure creation. Educational experiences in this sector blend practical, project-oriented, and on-the-job training with leadership and social skills enhancement. This sector comprises four specialized pathways: Woodworking, Cabinetry, and Millwork; Heavy Construction and Engineering; Systems Installation and Mechanical Repair; and Construction in Residential and Commercial settings. These pathways aim to set students on the course for ongoing training, further academic pursuits, or direct career placement.

PATHWAYS AT DHS

- Architectural Design
- Construction Management Academy
- Residential & Commercial Construction Pathway





COLLEGE KNOWLEDGE



Dinuba High School provides three pathways in the building, trades, and construction sector of career technical education (CTE). Students can take courses within the Residential & Commercial Construction Pathway, Architectural Design Pathway, or be part of Dinuba High School's one-of-a-kind hands-on learning Construction Management Academy. Pathway students are presented with real-world project-based learning and gain valuable insight into the career sector through immersive college and industry tours. Students also have opportunities to engage and learn from industry experts and guest speakers.



A B C D

According to the Workforce Investment Board of Tulare County, in 2023 there were 37,840 jobs in the Fresno, Tulare, and Kings County region, 18.3% of which were in the Building Equipment Contractors industry. Top programs in 2021 that produce the most graduates within our region includes College of the Sequoias (285), CSU Fresno (282), Fresno City College (205), and Reedley College (196).



Click on the links above or use the QR codes below to explore the programs at each college and university.

1 2 3 4



Fresno City College



COLLEGE OF THE SEQUOIAS



REEDLEY COLLEGE

FRESNO STATE

Discovery Diversity Distinction



CLICK HERE



CONTACT US : collegeandcareer@dinuba.k12.ca.us

UNDER CONSTRUCTION



UPCOMING
EVENTS



- **1 November, 2023**
College Application Day
DHS Rm 519
- **15 November, 2023**
Fresno Pacific University
DHS Library
- **15 November, 2023**
COS Application Workshop
DHS Library
- **Every Tuesday Afterschool**
FSA ID Workshop
DHS Library

EDUCATION LEVEL & RELATED OCCUPATIONS

Entry Level Careers (High School Diploma)

- Bricklayer/Stonemason 💰 \$30,180-\$96,750 ➡ Stable Demand
- Flooring Installer 💰 \$29,090-\$82,630 ➡ Increasing Demand
- Quality Control Technician 💰 \$25,000-\$100,000 ➡ Stable Demand
- Painter 💰 \$29,770-\$70,570 ➡ Increasing Demand
- Insulator 💰 \$29,120-\$66,210 ➡ Increasing Demand

Technical Level Careers (Certificate and/ or Associate Degree)

- Plumber 💰 \$36,700-\$99,920 ➡ Increasing Demand
- Electrician 💰 \$37,020-\$99,800 ➡ High Demand
- Interior Designer 💰 \$30,000-\$94,000 ➡ Stable Demand
- Industrial Designer 💰 \$44,840-\$128,210 ➡ Stable Demand
- Carpenter 💰 \$31,880-\$80,940 ➡ Increasing Demand
- Construction Manager 💰 \$60,050-\$163,800 ➡ High Demand
- Demolition Expert 💰 \$28,820-\$85,560 ➡ High Demand
- Elevator Installer & Repairer 💰 \$47,370-\$130,940 ➡ High Demand

Professional Level Careers (Bachelor's Degree)

- Landscape Architect 💰 \$40,000-\$115,000 ➡ Declining Demand
- Architect 💰 \$48,000-\$128,000 ➡ Stable Demand
- Electrical Engineer 💰 \$62,360-\$162,930 ➡ Stable Demand
- Land Surveyor 💰 \$25,000-\$100,000 ➡ Stable Demand
- Structural Engineer 💰 \$55,000-\$130,000 ➡ Increasing Demand
- Planner 💰 \$48,720-\$119,340 ➡ Increasing Demand
- Civil Engineer 💰 \$60,550-\$133,320 ➡ Increasing Demand
- Logistics Specialist 💰 \$45,160-\$122,390 ➡ High Demand

Tulare | Kings | Fresno Counties Labor Markets

Career Cluster:

Architecture and Construction

Jobs in this cluster focus on making, fixing, and taking care of houses, big buildings, roads, and bridges.

College & Career Resources

College Majors:

- Construction Management
- Architecture
- Engineering

College & Universities:

- Cal Poly San Luis Obispo
 - Construction Management
 - Engineering
- Fresno State
 - Construction Management
- Reedley College
- Fresno City College
 - Construction Trades

CLICK HERE

This industry focuses on how things are made and how they fit together. When you study this, you get to use your hands to make cool projects and learn how things work. You also learn how to be a good leader and talk with others.

At Dinuba High School you can study and take classes in Construction Management, Residential & Commercial Construction, and Architectural Design.

ZOOM INTO CAREERS



DAY IN THE LIFE OF AN ELECTRICIAN

3-6



3-6

JOB TALKS WITH A MAINTENANCE WELDER



K-2

I WANT TO BE A CONSTRUCTION WORKER!



K-2

MEET A FABRICATOR



3-6

WHAT DOES AN INTERIOR DESIGNER DO?



3-6

MEET A STRUCTURAL ENGINEER!

Sign-in to Clever & click on the book to read!

K-2

K-2

K-2

3-6

3-6

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