

## 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.



NAVIANCE

**ARCHITECTURAL AND  
ENGINEERING MANAGERS  
INTERESTS**

Enterprising

Realistic

Investigative

**Explore** your interests through the  
Interest Inventory survey in Naviance.

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## More Info?

[sanjuan.edu/collegecareerready](http://sanjuan.edu/collegecareerready)

## Contact

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

# Project Lead the Way: Engineering Pathway

## College & Career Readiness

San Juan Unified School District  
Bella Vista High School

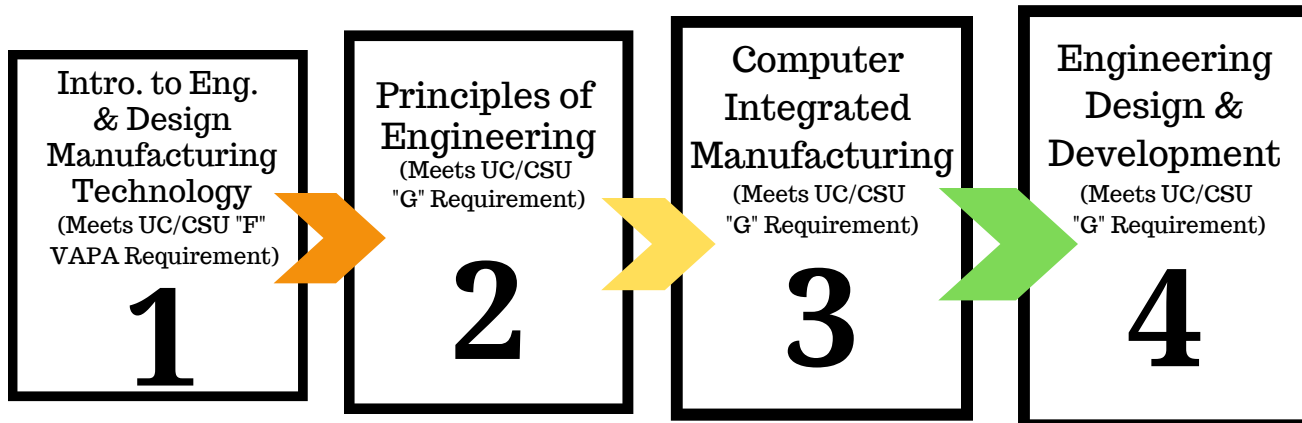
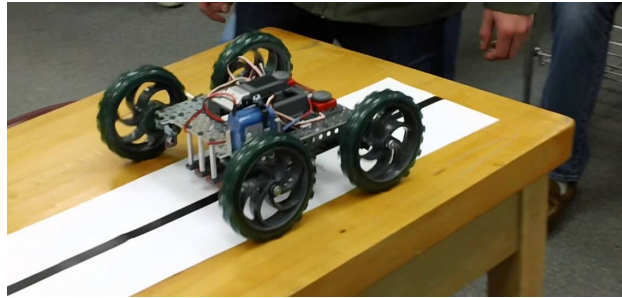


**San Juan Unified**  
SCHOOL DISTRICT



# Project Lead the Way

The Project Lead the Way: Engineering pathway is for students interested in engineering, manufacturing, design, automation, or robotics. Students will explore a broad range of engineering topics including, mechanisms, strength of structure and materials, automation, product design and robotics. Throughout the pathway students will take on challenges like designing a self-powered car and competing against peers. Students in the final course of the pathway will identify a real-world challenge and then research, design and test a solution ultimately presenting their unique solutions to a panel of engineers from the industry.



## Equipment & Training

- Students will learn through hands-on projects that follow the Project Lead the Way curriculum and standards.



## UC/CSU Requirements

- All four courses in the pathway align with A-G Requirements



## Industry Partners

- Los Rios Community College District
- Local Engineers & Architects



## Career Outlook

Jobs in Architecture and Engineering

- Annual median wage is \$79,840
- Projected as fast as average—an increase of 4%
- Demand stems from rebuilding of infrastructure, renewable energy, oil and gas extraction, and robotics

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