

## 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

INFORMATION SECURITY  
ANALYST  
INTERESTS

Conventional  
Investigative  
Realistic

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

## More Info?

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

## Contact

Department of  
College & Career Readiness  
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# Computer Science Pathway

## College & Career Readiness

San Juan Unified School District

Bella Vista High School



San Juan Unified  
SCHOOL DISTRICT

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# Computer Science

The Computer Science pathway is for students who are interested in careers in the field of Information Computer Technology. Students will learn foundational computer science concepts and computational practices. The pathway explores a variety of tools and platforms that deal with human-computer interactions, web design, programming, computing and data analysis as well as robotics.

Students will learn about social and ethical issues including big data and privacy. Completers of this pathway will have ample experience with writing, running, testing and debugging solutions in Java programming language.



Explore the curriculum  
<https://www.exploringcs.org/>



AP Computer Science Principles  
(Meets UC/CSU "D" Requirement)  
**1**

AP Computer Science A  
(Meets UC/CSU "C" Requirement)  
**2**



## Equipment & Training

Students are trained through hands-on projects, coding, and website creation using industry aligned curriculum.



## UC/CSU Requirements & AP Courses

- All three courses in the pathway align with A-G Requirements
- Students have the opportunity to take AP Exams to earn college credit



## Industry Partners

- Los Rios Community College District



## Career Outlook

Jobs in Computer and Information Technology

- Annual median wage is \$97,430
- Projected to grow faster than average—an increase of 15% or more
- Demand stems from greater emphasis on cloud computing, the collection and storage of big data and information security