CAREERS IN COMPUTER INFORMATION SYSTEMS

STUDENT PATHWAYS TO SUCCESS IN SANTA CRUZ COUNTY

WHAT'S A CAREER IN CIS?

Computer Information Systems marries customer service and business training with solid technical computer skills. It centers on a business-based application of computer systems.

The CIS field tends to be more practical than traditional computer science, which is highly technically focused. Computer Information Systems encompasses careers such as CIS managers, systems analysts, or programmers, anything that has to do with data input and the operation of computers within businesses and organizations.

For a glimpse into what one might do, a computer information systems manager oversees a business or organization's technology and computer-based activities.

Potential careers and occupations are computer programmers, software & applications developers, computer systems engineers, and much more!



WHY A CAREER IN CIS?

"Every Business Needs Information Technology (IT) Experts. That Expert Can Be You!" - Cabrillo College CIS

The computer information systems field is growing, especially with the emergence of new technologies. It is a field that allows for economic prosperity, with room for advancement. People with this type of experience and certification are often in high demand. Very few fields offer such a promising outlook.

The field of computer programming is expected to grow by 20% within the San Francisco Bay Region between 2017-2022 (Source: SF Center of Excellence 12/2018). Stay close to home and get paid to do so!

With the help of the PVUSD Signature Pathway, you can get an associates degree and relevant work experience to land an entry level job with a decent salary. In addition, you can get certifications while you work that can increase your pay over time.

CAREERS IN COMPUTER INFORMATION SYSTEMS YOU HAVE OPTIONS. LET'S EXPLORE THEM.



HIGH SCHOOL COURSES

When you start out in the Programming Signature Pathway at PVUSD, you may take three courses that may provide college credits, giving you the opportunity to become certified fresh out of high school. These courses include Intro to Computer Information Systems, Programming 1, and Programming 2.

DIGITAL NEST

Digital NEST offers a safe space to apply the technical skills young people learn at either high school, Cabrillo College, or NEST training through hands-on projects that solve a problem. Learners can design and develop websites, help the NEST maintain technology, work to increase internet accessibility in remote communities, and more.

CABRILLO COLLEGE

Whether you're transitioning from Digital Nest or PVUSD, Cabrillo College awaits you with open arms! There are three pathways that you can embark on once you're at Cabrillo College – Cybersecurity, Computer Networking and System Administration (CNSA), and Computer Support Specialist (CSS).

CERTIFICATES & DEGREES

From CC, you can complete a certificate program, achieve a 2-yeardegree, or matriculate to a 4-year university to further your education. Cabrillo College offers two Associate of Science Degrees, three Certificates of Achievement, and Six Skills Certificates.

EMPLOYMENT

With average salaries ranging from \$82,000 to \$140,000 a year, a career in Computer Information Services pays off -- literally. While many career pathways may require you to relocate, the field of computer programming is expected to grow by 20% within the San Francisco Bay Region between 2017-2022. Stay close to home and get paid to do so!

WANT TO LEARN MORE?



Scan to the code or visit the url below to keep learning and explore your options. https://pages.etr.org/ciscareers

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