

BAY COUNTY

- Career Pathways -



COMPUTER SCIENCE CAREER PATHWAY

If you are fascinated by cloud computing, mobile devices, cybersecurity, and programming languages, then a career in Computer Science could be for you! According to the U.S. Department of Labor's Bureau of Labor Statistics (BLS), the need for computer and information technology (IT) occupations is estimated to grow by 13 percent in the next decade.

FIRST

Requires on-the-job training, work experience, and/or a High School Diploma.

Job

2023 Avg. Hr. Rate

Computer Numerically Controlled Tool Operators	\$19.29
Computer, Automated Teller, and Office Machine Repairers	\$18.93

NEXT

Requires 2-4 years of education beyond high school.

Job

2023 Avg. Hr. Rate

Computer User Support Specialists	\$24.95
Computer Programmers	\$39.92
Computer Hardware Engineers	\$55.15
Computer Network Architects	\$53.64

LATER

Requires 4 or more years of education beyond high school plus work experience.

Job

2023 Avg. Hr. Rate

Computer Systems Analysts	\$44.58
Computer and Information Research Scientists	\$63.54
Computer and Information System Managers	\$70.34

* See back for Training Pathways >>

TRAINING PATHWAYS in



COMPUTER SCIENCE CAREER PATHWAY

Programs are middle & high school career exploration or career pathways. Students enrolled in the Computer Science Career Pathway at Arnold HS can sit for Industry Certifications in It like Comptia Fundamentals+ as well as AP Computer Science Principles and AP Computer Science A.

FIRST

Training Program

- Foundations of Programming
- AP Computer Science Principles
- AP Computer Science A

Institutions / School

Bay High School
Bay High School
Bay High School

** Through completion of this academy, you could qualify for the Bright Futures Gold Seal Vocational Scholarship.*

NEXT

Programs are certifications, technical programs or 2 year degrees

Training Program

- Computer Systems and Information Technology
- A.A. Computer Science Option, Liberal Arts
- A.A. Computer Science & Software Engineering Option, Liberal Arts

Institutions / School

Tom P. Haney Technical College

Gulf Coast State College

LATER

Requires 4 or more years of education beyond high school plus work experience.

Training Program

- B.S. Technology Management
- B. S. Computer Programming and Applications

Institutions / School

Gulf Coast State College
Florida State University- Panama City

SOURCES:

*Bureau of Workforce Statistics and Economic Research, Florida Department of Economic Opportunity, Florida Statewide Demand Occupations List, 2022-2023

*U.S. Department of Labor, Bureau of Labor Statistics, Florida Occupational Employment and Wages Report, 2021

The district's career and technical programs are open to all eligible students and are committed to a nondiscrimination policy in employment and educational opportunity. Questions or complaints may be sent to Holly Buchanan, Executive Director/Equity Coordinator/ Human Resources and Employee Support Services @ 850-767-4100 (buchahda@bay.k12.fl.us).