BAY COUNTY
– Career Pathways –

COMPUTER SCIENCE CAREER PATHWAY

If you like 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	2022 Avg. Hr. Rate
Computer Numerically Controlled Tool Operators	$19.10
Computer, Automated Teller, and Office Machine Repairers	$18.93

NEXT
Requires 2-4 years of education beyond high school.

Job	2022 Avg. Hr. Rate
Computer User Support Specialists	$24.89
Computer Programmers	$38.49
Computer Hardware Engineers	$49.32
Computer Network Architects	$52.04

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

Job	2022 Avg. Hr. Rate
Computer System Analysts	$42.29
Computer and Information Research Scientists	$57.64
Computer and Information System Managers	$70.47

* See back for Training Pathways >>

TRAINING PATHWAYS in

COMPUTER SCIENCE CAREER PATHWAY

FIRST

*Programs are middle & high school career exploration or career pathways. Students enrolled in the Computer ScienceCareer 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.***

Training Program	Institutions / School
• Foundations of Programming	Arnold High School
• AP Computer Science Principles	Arnold High School
• AP Computer Science A	Arnold High School

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

NEXT

Programs are certifications, technical programs or 2 year degrees.

Training Program	Institutions / School
• Computer Systems and Information Technology	Tom P. Haney Technical Center
• A.A. Computer Science Option, Liberal Arts • A.A. Computer Science & Software Engineering Option, Liberal Arts	Gulf Coast State College

LATER

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

Training Program	Institutions / School
• B.S. Technology Management	Gulf Coast State College
• B.S. Computer Programming and Applications	Florida State Univesirty - Panama City