



Computer Science

PATHWAY DESCRIPTION

In the Computer Science program of study, students are asked to use computational practices such as algorithm development, problem solving and programming within the context of problems that are relevant to their lives. They are also introduced to topics such as interface design, limits of computers, as well as societal and ethical issues. Students explore a range of careers in information technology and computer science as they learn to connect their informal knowledge, technology skills, and beliefs about computing to the theoretical and foundational tenets of computer science.

COURSES

Exploring Computer Science
AP Computer Science Principles
AP Computer Science A

Early College Credit

Up to 4 credits at DTCC*
Up to 6 credits at Del State*
Up to 3 credits at UD*
Up to 3 credits at Wilm U*

* credits dependent on AP test scores

Work-Based Learning

Hands-on Experiences
Mentorships
Industry-mentored Projects
Guest Speakers
Career Panels



CERTIFICATE

Annual Salary Range:
\$30,000 - \$55,000

Telecommunications Installer
A/V Equipment Tech

Delaware Tech



ASSOCIATES DEGREE

Annual Salary Range:
\$55,000 - \$75,000

Web Developer
Aerospace Engineering Tech

Delaware Tech
Wilmington University



BACHELORS DEGREE

Annual Salary Range:
\$75,000 - \$107,000

App Developer
Computer Programmer
Software Developer

University of Delaware
Delaware State University
Wilmington University

Jobs and Salary ranges are sources from the U.S. Department of Labor

Where to find this Pathway:



NEW CASTLE

- Conrad School of Science
- Newark High School

KENT

- Appoquinimink High School
- First State Military Academy
- MOT Charter High School

SUSSEX

- Woodbridge High School

Ready to get started?

Visit the website for more information:

DELAWAREPATHWAYS.ORG

