



St. Helens High School

COMPUTER SCIENCE

Students will learn:

- Programming language and tools
- How to use software and equipment needed to create, edit, and produce media
- To manage projects that will meet customer requirements
- Professional skills such as teamwork and communication
- Computer coding and computational thinking

For students interested in:

- Working with computers
- Solving real-world problems
- Programming
- Combining creativity with technology
- Computer science
- Web design

Sequence of Courses

Introductory

- Intro to Computer Science (9-12th grade, 0.5 credit)

Intermediate

- AP Computer Science Principles (9-12th grade, 1.0 credit)
- Intro to Computer Science 2 (9-12th grade, 0.5 credit)
- Computer Programming (9-12th grade, 1.0 credit)

Advanced

- AP Computer Science (9-12th grade, 0.5 credit)

Career Options

Computer and Information Systems Managers	\$133,474
Computer Systems Analysts	\$104,645
Network and Computer Systems Administrators	\$101,504
Logisticians	\$80,399
Information Security Analysts	\$106,080
Computer Programmers	\$106,579

2022 median annual salary for tri-county area high wage and high demand
-Oregon Employment Division

Dual Credit Offerings

- PCC – CS 160 – Exploring Computer Science (4 credit hours)

Current Industry Partners

- Datworld.AI
- Medable, Inc.
- Nvidia
- Microsoft TEALS