Tualatin High School

COMPUTER SCIENCE

For students interested in:

- Game design
- App design
- Web design
- Programming
- Robotics
- Drones
- Broadcasting
- Computer science

Sequence of Courses

Introductory
- Software Design (9-12th grade, 0.5 credit)
- Exploring Computer Science (9-12th grade, 0.5 credit)
- Game Design (9-12th grade, 0.5 credit)
- App Design (9-12th grade, 0.5 credit)
- Unmanned Aircraft & Aerial Photo 1 (9-12th grade, 0.5 credit)

Intermediate
- Web Design (9-12th grade, 0.5 credit)
- Game Design 2 (9-12th grade, 0.5 credit)
- IT1: IT Technician (9-12th grade, 0.5 credit)
- Broadcast Technology (9-12th grade, 0.5 credit)

Advanced
- IT2: Network Administration (9-12th grade, 0.5 credit)
- IT3: Network Security (9-12th grade, 0.5 credit)
- IT4: Server Administration (9-12th grade, 0.5 credit)
- IT5: Windows Operating Systems (9-12th grade, 0.5 credit)
- Robotics (9-12th grade, 0.5 credit)
- Unmanned Aircraft & Aerial Photo 2 (9-12th grade, 0.5 credit)
- IT Series (9-12th grade, 0.5 credit)

Students will learn:

- How to design computer games, apps, software, and websites
- Computational thinking
- To solve complex problems individually and as a team
- Various computer operating systems
- To work on a team and use project management skills

Career Options

Computer and Information Systems Managers	$174,691
Computer Systems Analysts	$126,468
Network and Computer Systems Administrators	$110,626
Logisticians	$91,926
Information Security Analysts	$119,330
Computer Programmers	$120,880

2024 median annual salary for tri-county area high wage and high demand
-Oregon Employment Division

Current Industry Partners

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

Click QR Code to connect to Industry Sheet

PACTEC
Portland Area Career Technical Education Consortium

Portland Community College