

OREGON CONNECTIONS ACADEMY

ASCEND CTE Computer Science Pathway

Preparing you for careers in Application Software Developer (Game of Software Designer), Web developer, or Systems Engineer.

You will work closely with the program director to ensure success. Classes will require time, commitment and dedication to see you through to completion.

The program is designed to address key skill sets preparing you for future certifications or college classes. CTE help better prepare you for the rigor and responsibility of the workforce and the profession. As you move through your core classes, portfolio work will be addressing goals of the program and allowing you to show skills used in CTE program or related to real world skills needed to succeed in this field of study. The focus will be on computer science principles such as software programming (Python, Javascript, JAVA), hardware, and team building skills that will be relevant to success in computer science field. Success Beyond High School

Examples of advanced degrees that ASCEND graduates can also pursue:

- Computer Programming
- System Administration & Network Security
- Web Development
- Computer Science

Examples of other possible careers that ASCEND graduates can also pursue:

- Game Designer
- IT Support Specialist
- Animation Design
- Programmer
- Web Designer
- IT System Administrator
- Robotics Programmer/Engineer
- Virtual Reality Programmer

Our electives are more focused on your career goals in Computer Science!

When you leave high school, you will be prepared for success in college-level courses required for certification or a degree. Some of the classes could also apply toward certification. You will spend less time in college and more time in the workforce. Where there is a need for computers, software, or support in computers, there are careers!

DID YOU KNOW?

- Computer science is a rapidly growing field and is expected to see large increases in employment opportunities.
- According to Glassdoor.com, average salaries for:
 - Game designers or Programmers are \$76,218 per year
 - Web Developers are \$88,488 per year
 - Systems Engineers are \$84,166 per year