According to the 2017 Idaho Career Information System—

- Computer Programmers write and test the instructions that computers follow to perform tasks. They make a median wage of $70,000 and 689 programmers work in this large occupation, in Idaho.

- Video Game Designers, in Idaho earn a median wage of $77,380. Computer Engineers make $79,360-$98,540 and Database Administrators earn $59,030 per year.

- The 10 year projected job growth for Web Developers is “faster than average.” Many web developers are self-employed and in Idaho earn a median wage of $38,580 employing 964 workers, which is considered a “large” occupation.

“We face a future of rapid innovation driven by manufacturing robotics, 3-D printing and cloud based computing.”

Wall Street Journal

Many career and technical education (CTE) courses offer students leadership and college credit opportunities.

“COMPUTER SCIENCE:
Programming
Web Design

CTE
Career & Technical Education

Updated 9/2017
The West Ada School District launched a new CTE magnet program, **Computer Science** in School Year 2015-16! Students throughout the district are able to take four years of classes in two pathway areas: **Programming** and **Web Design**. Students begin by taking 9th-grade introductory classes at their home high school. Busing is provided for 10th through 12th graders who want to continue in both or either pathway. Students travel every other day for half a day to the CTE Center—Centennial Campus. There they enter specialized classrooms for Computer Science instruction. Students register for these classes during Spring Registration at their home high school.

**Home High School 9th grade classes:**
- Exploring Computer Science
- Web Design 1

These two classes introduce students to an array of computer technologies and the fundamentals of web page development. Students are encouraged to take both of these beginning exploration classes so they are better able to know which pathway aligns most to their interests and aptitudes. They may continue on in both pathways if they so choose.

**Traveling classes:**
**PROGRAMMING PATHWAY:**
- AP Computer Science Principles (10th)
- AP Computer Science (11th)
- Advanced Computer Science (12th)

**WEB DESIGN PATHWAY:**
- Web Design and Development (10th)
- Database Design & Programming (11th)
- Adv. Web Design & Development (12th)

For course details, see the CTE Magnet Program section of your home high schools Course Description Handbook.

**Certifications**
The program offers students the opportunity to earn Technical Skill Competency credits through SkillStack badging aligned to technical college competencies. In addition, college partnerships, Advisory Board members, administrators and instructors are working together to create industry certification opportunities for each pathway.

**Why COMPUTER SCIENCE?**
Computer science skills are in high demand and pay well. With proficient programming and web design skills, you can work in almost any industry, organization and location.

Learn more about CTE Programs at: [www.westada.org/CTE](http://www.westada.org/CTE)

CTE Administrative Office - 208.350.5051