



# Information Technology

## FACTS ...

- Projected Idaho occupational employment growth = 56.3%, that is, 7th fastest in the U.S.
- 30 Tech Prep credits toward an Associate of Science degree with **College of Western Idaho (CWI)**.
- Eight (8) industry certifications available.
- Median salary with an Associate's Degree \$17.29.
- Building computers, web pages & networks.

## Abilities, Skills, and Knowledge that are important to be successful in this field!

### ABILITIES

- Strong problem solving
- Strong analytical and communication skills
- Understand and follow directions
- Hand-eye coordination

### SKILLS

- Demonstrate basic computer keyboarding skills

### KNOWLEDGE

- Understanding binary math, algebra functions.

## Career Opportunities Include:

- Network Associate (Technician)
- Network Administrator
- Technical Support Specialist
- Help Desk Technician
- Web Designer / Webmaster

## Fact Sheet

### Graduates of this program have been employed by:

- Boise School District
- Circuit City
- EDS, an HP company
- Best Buy
- AV Superstore.com
- Harris & Co. P.A.
- Quantum Point Technologies



## Employment Outlook & Salary Source: Department of Labor

Salary Ranges						
<u>OCCUPATION</u>	<u>Years of Education Needed</u>	<u>Openings per year</u>	<u>Entry Salary</u>	<u>ID Avg. Salary</u>	<u>NW Avg. Salary</u>	<u>U.S. Avg. Salary</u>
<b>Network &amp; Computer System Admin.</b>	Bachelors	37	\$36K	\$44K	-	\$54K
<b>Network System &amp; Data Communication Analysts</b>	Bachelors	25	\$42K	\$42K	-	\$73K
<b>Computer Support Specialist</b>	Associates	102	\$26K	\$36K	-	\$40K
<b>Telecommunication Equipment Installers and Repairers, except line installers</b>	Post-secondary Technical-Training	23	\$30K	\$52K	-	\$55K
<b>Web Design / Developers</b>	Bachelors	107*	\$35K	\$55K	-	\$58K

\* software developers

**Dennis  
Center  
Course  
Offerings**

<b><u>Information Technology Overview:</u></b>		
<b>PROGRAM/YEARS</b>	<b>CREDITS</b> <i>(2hr. block)</i>	<b>WEEKS</b>
<b>Computer Networking Basic</b>	4	36
<b>Internetworking Techniques</b>	4	36
<b>Computer Technology Network Admin</b>	4	36
<b>Fundamentals of Web Design 1</b>	4	36
<b>Fundamentals of Web Design 2</b>	4	36
<b>Panduit (Voice &amp; Data Cabling)</b>	4	36
<b>IT Internship—Network &amp; Computer Support</b>	4	36

**Program Description:**

- Students will learn:
  - How the internet works using equipment; routers, switches, and web-servers
  - Technologies like voice, video, wireless, and security on a network
  - Manage and troubleshoot networks, hardware, software, and user-related issues
  - HTML/xHTML, CSS, JavaScript, animation, and software

**Job Shadowing Opportunities:**

- Boise School District I.T. Dept.
- Circuit City
- Idaho Army National Guard
- United Water

**Program Costs:**

No required costs.

**Program Selection Criteria:**

Students are selected using the following criteria:

- Attendance
- Highest math level achieved
- Disciplinary actions
- Cumulative GPA
- Other: application, recommendations

**Post-Secondary Education:**

Tech Prep is a technical and academic post-secondary preparation program that enables students to earn college credits while still in high school. Tech Prep connects learning to career pathways and prepares students with technical skills, knowledge, and attitudes to enter high skill, high wage, or high demand occupations.

**Transportation:**

- Bus transportation is provided to and from the home high school to off-campus sites. Students who are completing an internship must provide their own transportation.

**Contact Us:**

For more information about the programs offered by the Dennis Center, please contact us at:

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**or visit us at:** [http://www.boiseschools.org/schools/tech\\_center.html](http://www.boiseschools.org/schools/tech_center.html)