



GREATER ECONOMIC VITALITY FOR ALL.
Partnering to prepare and grow the Pierce County workforce to align it with employer needs.

Boost your earnings potential

Pierce County Schools Preparing ICT & Cybersecurity Workers

- **Bates Technical College**
www.bates.ctc.edu
- **Clover Park Technical College**
www.cptc.edu
- **Pacific Lutheran University**
www.plu.edu
- **Pierce College—
Fort Steilacoom and Pierce College—Puyallup**
www.pierce.ctc.edu
- **Tacoma Community College**
www.tacomacc.edu
- **University of Puget Sound**
www.ups.edu
- **University of Washington Tacoma**
www.tacoma.uw.edu

Sources:
Chmura Economics and Analytics. Data Retrieved September 2017.
Skills Gap Analysis and Sector Strategies Report. WorkForce Central,
Community Attributes Inc., August 2016.



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Your Career in Information & Communications Technology (ICT) and Cybersecurity

Learn more at workforce-central.org/pathways

Did you know?

Jobs in this field are increasingly needed across nearly every industry.

Wages in this industry are much higher than the average Pierce County wage. The median wage in ICT and Cybersecurity tops \$72,000 annually.

Information Security Analyst positions are growing the fastest at 3.8% growth per year.



Careers in ICT & Cybersecurity

Go to workforce-central.org/pathways
for details about:

- Required education and training
- Pierce County employment data



Area	Engineering	Cybersecurity	Information Support & Services	Network Systems	Programming & Software Development	Telecommunications	Web & Digital Communications
Job Description	Invent, innovate, improve and maintain machines, tools, systems and processes	Implement and maintain technologies and practices to protect networks, computers, programs and data from cyberattacks and unauthorized access	Deploy technology and operations related to computer systems, software and databases; provide technical assistance and manage information systems	Design, build and monitor computer and information networks, such as local and wide area networks, intranets and extranets	Based on consumer demand, design, write and test computer code that enables people to perform specific actions on a computer or another device	Design, operate, install or repair technological tools used for communicating	Design and produce interactive multimedia products and services, including digitally generated or computer- enhanced media
Job Titles	<ul style="list-style-type: none">• Assurance Engineers and Testers• Computer Hardware• Electrical Engineers• Engineers• Mechanical Engineers• Software Quality	<ul style="list-style-type: none">• Information Security Analysts• Security Management Specialists	<ul style="list-style-type: none">• Business Intelligence Analysts• Computer and Information Systems Managers• Computer Systems Engineers/Architects• Computer User Support Specialists• Customer Service Representative• Data Warehousing Specialists <ul style="list-style-type: none">• Document Management Specialists• Geographic Information Systems (GIS) Technicians• Geospatial Information Scientists & Technicians• Information Technology Project Managers• Search Marketing Strategists• Statistical Assistants	<ul style="list-style-type: none">• Computer Network Architects• Computer Network Support Specialists• Computer Systems Analysts• Database Administrators• Network and Computer Systems Administrators	<ul style="list-style-type: none">• App Developers• Computer Programmers• Systems Software Developers• Video Game Designers	<ul style="list-style-type: none">• Computer, Automated Telecommunications Engineering Specialists• Telecommunications Equipment Installers and Repairers• Telecommunications Line Installers• Telemarketers• Teller and Office Machine Repairers	<ul style="list-style-type: none">• Web Administrators• Web Developers
Median Salary Range	\$75,400 to \$102,500	\$75,400 to \$94,400	\$34,600 to \$131,600	\$64,200 to \$98,400	\$75,400 to \$110,600	\$27,100 to \$52,800	\$75,400 to \$81,300

