

INFORMATION TECHNOLOGY PROGRAM GUIDE

Washington State's
Community and Technical Colleges

Updated January 2022



**Information &
Computing Technology**
CENTER of EXCELLENCE

Information Technology is one of the most in-demand fields in the country, with more than 17,000 jobs posted in Washington State in the last month alone. IT opportunities are everywhere, and Washington's community and technical colleges can help get you on the path to a rewarding career.

Programs include Software & Application Development, Programming, Network & Systems Administration, Data Analytics, IT Support, Web Development & Design, and many more.

Our community and technical colleges feature smaller class sizes, lower tuition, and instructors who are industry experts. Learn more at www.sbctc.edu.

This guide highlights Certificates, Associate of Applied Science degrees, and Bachelor of Applied Science degrees at our colleges. Click the links to learn more about a program or find out how to get started.

We have made every effort to provide an accurate listing of information technology programs. Despite our best efforts to ensure that this guide correctly lists all programs, this publication may contain inaccuracies, which should not reflect negatively on any of the colleges or programs themselves. Please report any errors or omissions to info@coeforict.org.

Bates Technical College
Bellevue College
Bellingham Technical College
Big Bend Community College
Cascadia College
Centralia College
Clark College
Clover Park Technical College
Columbia Basin College
Edmonds College
Everett Community College
Green River College
Highline College
Lake Washington Institute of Technology
Lower Columbia College
North Seattle College
Olympic College
Peninsula College
Pierce College
Renton Technical College
Seattle Central College
Skagit Valley College
Spokane Community College
Spokane Falls Community College
Tacoma Community College
Walla Walla Community College
Wenatchee Valley Community College
Whatcom Community College
Yakima Valley College

BATES TECHNICAL COLLEGE

www.batestech.edu | Tacoma, WA

Certificates

- Software Development Elements
- Business and Data Analytics
- Information Technology Specialist
- Computer Repair Technician
- Network System Support
- Computer Support
- IT Technician
- Computer Network Support Technician

Associate Degrees

- Software Development
- Information Technology Specialist
- Cybersecurity
- Cloud Computing and Networking Technology

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BELLEVUE COLLEGE

www.bellevuecollege.edu | Bellevue, WA

Certificates

- Application and Desktop Support Specialist
- Business Intelligence Analyst
- Cisco Support Technician
- Cloud Architecture and Services
- Database Analyst
- Database Report Developer
- Database User Specialist
- Game Design
- Intermediate Applications Developer
- Introductory .NET Programming
- Introductory C++ Programming
- Programming for Mobile and Web Development
- Web Content Management

Associate Degrees

- Robotics and Artificial Intelligence
- Information Systems and Technology
- Network Services and Computing Systems

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BELLEVUE COLLEGE (CONT.)

www.bellevuecollege.edu | Bellevue, WA

Bachelor of Applied Science Degrees

- Computer Science (Bachelor of Science)
- Information Systems and Technology - Application Development Concentration
- Information Systems and Technology - Artificial Intelligence Concentration
- Information Systems and Technology - Cybersecurity Concentration
- Data Management and Analysis

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BELLINGHAM TECHNICAL COLLEGE

www.btc.edu | Bellingham, WA

Certificates

- [Computer Network Support](#)
- [Cloud Computing](#)
- [Network Management](#)
- [Computer Programming](#)
- [Computer Support Specialist](#)

Associate Degrees

- [Computer Networking](#)
- [Computer Support Specialist](#)

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BIG BEND COMMUNITY COLLEGE

www.bigbend.edu | Moses Lake, WA

Certificates

- [Cisco Networking Academy](#)
- [Systems Administration](#)
- [Network Support Specialist](#)
- [Computer Support Specialist](#)

Associate Degrees

- [Systems Administration](#)

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CASCADIA COLLEGE

www.cascadia.edu | Bothell, WA

Certificates

- [User Interface Developer](#)
- [Web Applications](#)
- [Web Foundations](#)
- [Computer Programming Foundations](#)
- [JavaScript Programming](#)
- [Server Administrator](#)
- [Virtualization Specialist](#)
- [Desktop Support Technician](#)
- [Network Engineer](#)
- [Security Support Technician](#)

Associate Degrees

- [Web Applications Programming Technology - Programming Emphasis](#)
- [Web Applications Programming Technology - Web Emphasis](#)
- [Network Infrastructure Technology](#)

Bachelor of Applied Science Degrees

- [Mobile Application Development](#)

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CENTRALIA COLLEGE

www.centralia.edu | Centralia, WA

Associate Degrees

- [Application Development](#)

Bachelor of Applied Science Degrees

- [Application Development](#)

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CLARK COLLEGE

www.clark.edu | Vancouver, WA

Certificates

- [Web Development](#)
- [Microsoft Technician](#)
- [Information Technology Skills](#)
- [Cisco Technician](#)

Associate Degrees

- [Computer Support Specialist](#)
- [Network Technologies](#)
- [Cisco Technologies](#)
- [Web Development](#)

Bachelor of Applied Science Degrees

- [Cybersecurity](#)

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CLOVER PARK TECHNICAL COLLEGE

www.cptc.edu | Lakewood, WA

Certificates

- Network Operations and Systems Security Professional
- Network Administrator
- Computer Support Technician
- Computer Help Desk Technician
- Linux Administrator
- Server Administrator

Associate Degrees

- Computer Programming
- Network Operations and Systems Security

Bachelor of Applied Science Degrees

- Cybersecurity

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COLUMBIA BASIN COLLEGE

www.columbiabasin.edu | Pasco, WA

Certificates

- Computer and Information Technology
- Computer and Information Technology - one year option

Associate Degrees

- Information Technology
- Programming and Software Development
- Database Administrator
- Network Administrator
- IT Support Technician
- Cybersecurity

Bachelor of Applied Science Degrees

- Information Technology
- Cybersecurity

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EDMONDS COLLEGE

www.edmonds.edu | Edmonds, WA

Certificates

- Full Stack Developer
- UNIX/C++ Specialization
- Windows/C++ Specialization
- Android Developer
- .NET Developer
- C/C++ Developer
- Java Developer
- Unix/Linux Fundamentals
- Cisco Networking
- Intermediate Cisco Networking
- Requirements Analysis
- Systems Development
- Web Development
- Database
- Database Theory and Design
- Computer Game Development
- DevOps Engineer
- Server Administration
- Systems Architecture

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EDMONDS COLLEGE (CONT.)

www.edmonds.edu | Edmonds, WA

Certificates (continued)

- Cybersecurity Specialist
- Digital Forensics
- Pen Testing and Ethical Hacking
- Electronic Discovery Analyst
- Cyber Defense Fundamentals
- Cyber Defense Implementation
- Computer Forensics
- Information Security
- Web Application Developer
- Technology Support
- Desktop Support

Associate Degrees

- Computer Information Systems
- Network Technology and Administration
- Cyber Defense and Digital Forensics
- Web Application and Cloud Developer

Bachelor of Applied Science Degrees

- IT Application Development

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EVERETT COMMUNITY COLLEGE

www.everettcc.edu | Everett, WA

Certificates

- System Administrator
- Network Administrator
- Cybersecurity Analyst
- Computer Support Specialist
- Robotics Foundations (Mechatronics)

Associate Degrees

- Information Technology

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GREEN RIVER COLLEGE

www.greenriver.edu | Auburn, WA

Certificates

- [Web Application Development](#)
- [Information Technology Fundamentals](#)
- [Advanced Network Administration and Security](#)

Associate Degrees

- [Data Analytics and Software Development](#)
- [Cybersecurity and Networking](#)

Bachelor of Applied Science Degrees

- [Software Development](#)
- [Cybersecurity and Networking](#)

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HIGHLINE COLLEGE

www.highline.edu | Highline, WA

Certificates

- Intro to Web Support
- CompTIA A+ and Cisco CCENT
- Digital Forensics and Investigations
- Digital Forensics and Protection
- Front End Website Development
- Mobile Development
- Windows/Unix/Linux and Network Virtualization

Associate Degrees

- Digital Forensics and Investigations
- Information Systems Project Coordinator - Computer Forensics Specialization
- Information Systems Project Coordinator - Database Design/Development Specialization
- Information Systems Project Coordinator - E-Commerce Specialization
- Information Systems Project Coordinator - Networking Specialization

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HIGHLINE COLLEGE (CONT.)

www.highline.edu | Highline, WA

Associate Degrees (continued)

- Information Systems Project Coordinator - Software Development Specialization
- Information Systems Project Coordinator - Web Development Specialization
- Mobile Technology Expert
- Network Security Engineer
- Technical Communication

Bachelor of Applied Science Degrees

- Cybersecurity and Forensics

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LAKE WASHINGTON INSTITUTE OF TECHNOLOGY

www.lwtech.edu | Kirkland, WA

Certificates

- [Software Development](#)
- [C++/C# Programmer](#)
- [Web Maintenance](#)
- [Web Applications Development](#)
- [Web and Mobile Design](#)
- [Web Development](#)
- [IT Support Technician](#)
- [Network Support Technician](#)

Associate Degrees

- [Digital Gaming and Interactive Media](#)
- [Computing and Software Development](#)
- [Computer Security and Network Technology](#)

Bachelor of Applied Science Degrees

- [Digital Gaming and Interactive Media](#)
- [Computing and Software Development](#)

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LOWER COLUMBIA COLLEGE

www.lowercolumbia.edu | Longview, WA

Associate Degrees

- Information Technology Systems

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NORTH SEATTLE COLLEGE

www.northseattle.edu | Seattle, WA

Certificates

- [Full Stack Developer](#)
- [Web Application Technologies](#)
- [Network and Server Administration Specialist](#)
- [Linux Networking and Security](#)
- [Cisco Certified Network Associate](#)

Associate Degrees

- [Application Development](#)
- [Network and Server Administration Specialist](#)

Bachelor of Applied Science Degrees

- [Application Development](#)

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OLYMPIC COLLEGE

www.olympic.edu | Bremerton, WA

Certificates

- [Web Page Development Essentials](#)
- [Network Support Technician](#)
- [Cisco Certified Network Associate](#)
- [Cybersecurity](#)
- [Technical Support](#)

Associate Degrees

- [Software Development](#)
- [Interactive Web Design](#)
- [IT-Networking](#)
- [IT-Security](#)
- [IT-Support Specialist](#)

Bachelor of Applied Science Degrees

- [Information Systems](#)

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PENINSULA COLLEGE

www.pencol.edu | Port Angeles, WA

Certificates

- Web Design
- Cybersecurity and Computer Forensics

Associate Degrees

- Information Technology Systems Administration
- Cybersecurity and Computer Forensics

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PIERCE COLLEGE

www.pierce.ctc.edu | Puyallup, WA

Certificates

- [Application Development](#)
- [Computer Systems Administration](#)
- [Microsoft Systems Administration](#)
- [Network Infrastructure](#)
- [Business Analysis Certificate](#)

Associate Degrees

- [Database Management and Design](#)
- [Computer Network Engineering](#)

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RENTON TECHNICAL COLLEGE

www.rtc.edu | Renton, WA

Certificates

- [IT Fundamentals](#)

Associate Degrees

- [Computer Science](#)
- [Cloud Network Technology](#)

Bachelor of Applied Science Degrees

- [Application Development](#)
- [Computer Network Engineering](#)

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SEATTLE CENTRAL COLLEGE

www.seattlecentral.edu | Seattle, WA

Certificates

- [Programming](#)
- [Web Design](#)
- [Database Administration and Development](#)
- [Cisco](#)
- [Web Development](#)
- [XR \(Extended Reality\) Micro-Credential:](#)
[Coming Soon](#)

Associate Degrees

- [Programming](#)
- [Web Design](#)
- [Network Design and Administration](#)
- [Web Development](#)
- [Programming and IT Support \(YearUp\)](#)

Bachelor of Applied Science Degrees

- Information Technology

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SKAGIT VALLEY COLLEGE

www.skagit.edu | Mount Vernon, WA

Certificates

- Web Design
- Game, App, and Web Development

Associate Degrees

- Multimedia and Interactive Technology - Web Development
- Multimedia and Interactive Technology - Web Design
- Information Management and Data Science

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SOUTH PUGET SOUND COMMUNITY COLLEGE

www.spscc.edu | Olympia, WA

Certificates

- [Computer Support I](#)

Associate Degrees

- [Software Development](#)
- [Information Technology Computer Support](#)
- [Information Systems](#)
- [Cybersecurity and Network Administration](#)

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SPOKANE COMMUNITY COLLEGE

www.scc.spokane.edu | Spokane, WA

Certificates

- [PHP Developer](#)
- [.Net Developer](#)
- [Frontend Developer](#)
- [Full Stack Developer](#)
- [Mobile Developer](#)
- [Android Mobile Developer](#)
- [iOS Mobile Developer](#)
- [Web Design](#)
- [Computer Science](#)
- [Network Design and Administration](#)
- [Microsoft Networking](#)
- [Cisco Networking](#)
- [Networking Essentials](#)
- [Linux/Unix Networking](#)
- [Web Developer](#)

Associate Degrees

- [Software Development](#)
- [Network Design and Administration](#)

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SPOKANE FALLS COMMUNITY COLLEGE

www.sfcc.spokane.edu | Spokane, WA

Certificates

- [Cyber Defender - Basic Cyber Defense](#)
- [Cyber Defender - Intermediate Cyber Defense](#)
- [Cyber Defender - Advanced Cyber Defense](#)

Associate Degrees

- [Information Technology](#)

Bachelor of Applied Science Degrees

- [Information Systems and Technology](#)
- [Cybersecurity](#)

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TACOMA COMMUNITY COLLEGE

www.tacomacc.edu | Tacoma, WA

Certificates

- Database Management
- Application Support Specialist
- Cybersecurity
- Network Support
- Technical Support
- Help Desk

Associate Degrees

- Networking and Cybersecurity

Bachelor of Applied Science Degrees

- IT Networking: Information Systems and Technology

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WALLA WALLA COMMUNITY COLLEGE

www.wwcc.edu | Walla Walla, WA

Certificates

- [Software Design](#)
- [Data Center Technician](#)

Associate Degrees

- [Software Design](#)
- [Networking](#)

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WENATCHEE VALLEY COLLEGE

www.wvc.edu | Wenatchee, WA

Certificates

- Computer Technician

Associate Degrees

- Computer Technology - Network Administration

Bachelor of Applied Science Degrees

- Data Analytics

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WHATCOM COMMUNITY COLLEGE

www.whatcom.edu | Bellingham, WA

Certificates

- [Network Administration](#)
- [Web Development](#)
- [Mobile Technologies](#)
- [Cloud Computing](#)
- [Industrial Control Systems](#)
- [Technical Support](#)

Associate Degrees

- [Software Development](#)
- [Cybersecurity](#)
- [Computer Information Systems](#)

Bachelor of Applied Science Degrees

- [IT Networking - Cybersecurity](#)

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YAKIMA VALLEY COLLEGE

www.yvcc.edu | Yakima, WA

Certificates

- [IT Programming](#)
- [Database Administrator](#)
- [Cisco Networking](#)
- [Windows Server Administrator](#)
- [Managing and Maintaining the PC](#)

Associate Degrees

- [Information Technology](#)
- [Network Administrator](#)
- [IT Support Specialist](#)

Bachelor of Applied Science Degrees

- [Information Technology](#)

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