INFORMATION TECHNOLOGY PROGRAM GUIDE

Washington State's Community and Technical Colleges

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Information & Computing Technology
CENTER of EXCELLENCE

COLLEGES

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
Grays Harbor College
Green River College
Highline College
Lake Washington Institute of Technology
Lower Columbia College
North Seattle College
Olympic College
Peninsula College
Pierce College District
Renton Technical College
Seattle Central College
Shoreline Community College
Skagit Valley College
South Puget Sound Community College
South Seattle 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

maybe

Information Technology (IT) is one of the most in-demand fields in the country, with thousands of jobs posted in Washington State every month. 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, Cybersecurity, 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. These are often called **professional-technical** or **career training** programs, meaning that they help prepare you for jobs. Learn more about different types of programs at www.sbctc.edu/becoming-a-student/.

Click the links throughout this guide 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 for each college. 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

www.batestech.edu | Tacoma, WA

Certificates
- Software Development Elements
- Software Development
- Information Technology Support
- Computer Repair Technician
- Computer Support
- Network System Support
- IT Technician
- Computer Network Support

Associate Degrees
- Software Development - Business and Data Analytics
- 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
- Cloud Architecture and Services
- Cloud Support Technician
- Data Coordinator
- Data Reporting Analyst
- Database Analyst
- Game Design
- Intermediate Business Intelligence Analyst
- Introductory C++ Programming
- Network Support Specialist
- Network Support Technician
- Python Programming
- Technical Support Technician
- Web Content Management
- Web Development

BELLEVUE COLLEGE (CONT.)

Associate Degrees
- Artificial Intelligence
- Information Technology
- Software Development

Bachelor of Applied Science Degrees
- Bachelor of Science in Computer Science
- Cybersecurity
- Data Management and Analysis, Business Intelligence concentration
- Data Management and Analysis, Data Analytics concentration
- Software Development, Application Development concentration
- Software Development, Artificial Intelligence concentration

LEARN MORE >>

BELLINGHAM TECHNICAL COLLEGE

www.btc.edu | Bellingham, WA

Certificates
- Cloud Computing
- Computer Network Support
- Computer Programming
- Computer Support Specialist
- Network Management

Associate Degrees
- Computer Networking
- Computer Support Specialist

BIG BEND COMMUNITY COLLEGE

www.bigbend.edu | Moses Lake, WA

Certificates
- Cisco Networking
- Computer Support Specialist
- Network Support Specialist
- Systems Administration

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 Engineer
- 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

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 certificate 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
- 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
- Cybersecurity Specialist

EDMONDS COLLEGE (CONT.)

Certificates (continued)
- 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
- Web Application and Cloud Developer

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

continued on next page

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EDMONDS COLLEGE (CONT.)

Bachelor of Applied Science Degrees
- IT Application Development
- Robotics and Artificial Intelligence

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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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GRAYS HARBOR COLLEGE

www.ghc.edu | Aberdeen, WA

View All Programs

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GREEN RIVER COLLEGE

www.greenriver.edu | Auburn, WA

Certificates

- Information Technology Fundamentals
- Advanced Network Administration and Security
- IT Cloud Fundamentals
- IT Foundations
- IT Scripting Fundamentals
- IT Security Fundamentals

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
- CompTIA A+ and Cisco CCENT
- Digital Forensics and Investigations
- Digital Forensics and Protection
- Windows/Unix/Linux and Network Virtualization
- Network Scripting and Automation
- Network Security and Cisco CCNA
- Web Design
- Web Developer
- Microsoft Network and Cisco CCNA
- Back End Website Development
- Front End Website Development

Associate Degrees
- Digital Forensics and Investigation
- Information Systems Project Coordinator - Computer Forensics Specialization
- Information Systems Project Coordinator - Database Design/Development Specialization

HIGHLINE COLLEGE (CONT.)

Associate Degrees (continued)
- Information Systems Project Coordinator - E-Commerce Specialization
- Information Systems Project Coordinator - Networking Specialization
- Information Systems Project Coordinator - Software Development Specialization
- Information Systems Project Coordinator - Web Development Specialization
- Mobile Technology Expert
- Network Security Engineer
- Technical Communication
- Web Development and Data Science
- Web Design

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 Applications Development
- Web and Mobile Design
- Web Development
- IT Support Technician
- IT Support Technician (I-BEST)
- 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
- Bachelor of Science in Computer Science

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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 and Analytics
- Computer Systems Administration
- Microsoft Systems Administration
- Network Infrastructure
- Business and Data Analytics

Associate Degrees

- Computer Network Engineering
- Data Management and Analytics

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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
- XR (Extended Reality)
- Health Information Technology
- Web Design
- Data Analytics and Database
- Network Design and Administration
- Software Development
- Web Development
- Computer Support Technician
- Cisco Specialist I, II, III
- Microsoft Specialist I, II, III
- Mobile Product Development

Associate Degrees
- Web Design
- Network Design and Administration
- Web Development
- Software Development
- Programming and IT Support (YearUp)

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SHORELINE COMMUNITY COLLEGE

www.shoreline.edu | Shoreline, WA

View All Programs

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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

Bachelor of Applied Science Degrees
- Application Development

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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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SOUTH SEATTLE COLLEGE

www.southseattle.edu | Seattle, WA

View All Programs

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SPOKANE COMMUNITY COLLEGE

Certificates
- PHP Developer
- Frontend Developer
- Full Stack Developer
- Mobile Developer
- Web Design
- Computer Science
- Network Design and Administration
- Microsoft Networking
- Cisco Networking
- Networking Essentials
- Linux/Unix Networking

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
- Computer Forensics/Network Security

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
- 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

Certificates
- Software Design
- Data Center Technician

Associate Degrees
- Software Design
- Networking

WENATCHEE VALLEY COLLEGE

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
- Web Development
- Mobile Technologies
- Cloud Computing
- Industrial Control Systems
- Technical Support
- Network Administration

Associate Degrees
- Software Development
- Cybersecurity
- Computer Information Systems

Bachelor of Applied Science Degrees
- IT Networking - Cybersecurity

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YAKIMA VALLEY COLLEGE

Certificates
- Database Administrator
- Cisco Networking
- Windows Server Administrator
- Managing and Maintaining the PC
- IT Programming

Associate Degrees
- Information Technology
- Network Administrator
- IT Support Specialist

Bachelor of Applied Science Degrees
- Information Technology Networking - System Administration

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