

Computer & Information Systems Manager



High School Coursework

- CCNA Connecting Networks
- CCNA Introduction to Networks
- CCNA Routing & Switching Essentials
- CCNA Scaling Networks
- Computer Hardware and Operating Systems (A+)
- Essentials of Desktop Operating Systems-Linux
- Essentials of Network Operating Systems
- Fundamentals of JAVA Programming
- Global Management
- Internet of Things Fundamentals
- Introduction of Networking
- Introduction to Cybersecurity
- Introduction to IT
- IT Cooperative Work Experience
- IT Essentials 2
- Management I & II
- Operations Management
- Programming Essentials
- Programming Essentials (C++)
- Programming Essentials (Python)

Employment Outlook

- ND Annual Openings: 51
- ND Annual Average Wage: \$124,450

Postsecondary Credential

Bismarck State College

- AAS in Cybersecurity & Computer Networks
- BAS in Cybersecurity & Information Technology

Dakota College at Bottineau

- AAS in Information Technology

Dickinson State University

- BS in Computer Science
- BS in Computer Technology Management

Lake Region State College

- AAS in Information Technology
- Certificate in Information Technology

Minot State University

- BS in Computer Science

North Dakota State College of Science

- AAS in Information Technology Support/Information Systems Administrator
- AS Computer Science Transfer
- AS Management Information Systems Transfer
- Certificate in IT Forensics & Security

North Dakota State University

- BA or BS in Computer Science
- BS in Management Information Systems

Nueta Hidatsa Sahnish College

- AS in Computer Science

Rasmussen College

- BS in Information Technology Management

Sitting Bull College

- AS in Information Technology
- Certificate in IT A+ & IT Maintenance/OS/Networking

Turtle Mountain Community College

- AAS in Computer Support Specialist
- AAS in Network Administrator

University of Jamestown

- BS in Computer Science
- BS in Information Technology
- BS in Management Information Science

University of Mary

- ▶ BS in Computer Information Systems
- ▶ BA or BS in Computer Science

University of North Dakota

- ▶ BS in Computer Science
- ▶ BS in Cyber Security

Valley City State University

- ▶ BA or BS in Computer Information Systems

Williston State College

- ▶ AAS in Information Technology



North Dakota Career and Technical Education
600 E Boulevard Ave
Bismarck ND 58505
www.cte.nd.gov cte@nd.gov 701-328-3180

RUReady.ND.gov
EDUCATION & CAREER PLANNING