The Associate in Applied Science degree program combines system administration fundamentals with a foundation in cybersecurity concepts. Classes focus on best practices to implement, administer, and secure operating systems as well as computer networks.

Enhance Your Career:
- Keep up with the most recent technology changes
- Flexible to fit your schedule
- Industry qualified instructors
- Align to your tuition reimbursement program
- Prepares you for industry job opportunities

Benefits:
- ★ Fully accredited
- ✗ Completely transferable
- 🎓 Credit for your experience
- $ Tuition savings

Enhance Your Company Training:
- ✓ Leverage cutting edge learning tools
- ✓ Accelerate development from within
- ✓ Standardize across regional/national footprint
- ✓ Qualified instructor led and industry-approved
- ✓ Align to your tuition reimbursement program
- ✓ Content developed by industry, for industry

epceonline.org
Bismarck State College’s online Associate of Applied Science curriculum contains core classes in computer hardware, Windows, Linux, networking and security. Classes include database, web design and basic programming/scripting.

Successful Cybersecurity & Computer Networks students have aptitude in critical thinking, problem solving and troubleshooting, inquisitiveness and adaptability.

Students will learn highly marketable technical skills and have the knowledge to meet the ever-changing technologies used in business and industry.

Graduates will have gained experience installing operating systems, configuring networks, managing servers, and performing other common system administration tasks while maintaining essential security practice.

Core Classes:

- CIS 128  Microcomputer Hardware I
- CIS 147  Principles of Information Security
- CIS 212  Microsoft Windows Operating System Client
- CIS 164  Networking Fundamentals I (Required)
- CIS 165  Networking Fundamentals II
- CIS 185  Introduction to Programming
- CIS 214  Implementing a Microsoft Windows Active Directory Infrastructure
- CIS 267  Intermediate Networking I
- CIS 274  Intermediate Networking II
- CIS 223  Linux System Administration
- CIS 268  Cybersecurity Operations
- CIS 269  Cybersecurity and Computer Networks Capstone
- CIS 197/297  Cooperative Education/Internship
- CIS 282  Ethical Hacking and Network Defense
- CIS 214  Implementing a Microsoft Windows Active Directory Infrastructure
- CIS 267  Intermediate Networking I
- CIS 274  Intermediate Networking II
- CIS 223  Linux System Administration
- CIS 268  Cybersecurity Operations
- CIS 269  Cybersecurity and Computer Networks Capstone
- CIS 197/297  Cooperative Education/Internship
- CIS 282  Ethical Hacking and Network Defense

EPCE also offers online education in:

- Electric Power
- Nuclear Power
- Electrical Engineering
- Technology Management
- Electrical Engineering Technology
- Information Technology
- Power Systems
- Cybersecurity
- Smart Grid
- Industry Courses
- Instrumentation & Control

For more information about EPCE’s other offerings, visit: www.epceonline.org

EPCE is a signature initiative of CAEL, the Council for Adult & Experiential Learning. Learn more at: www.cael.org.