

WHY EARN COLLEGE CREDIT NOW?

- Expand academic options
- Transition more easily to college
- Complete college faster
- Save money with reduced tuition
- Choose from flexible learning options

begin your future in **DIGITAL TECHNOLOGY**

BISMARCK STATE COLLEGE CERTIFICATES



Cybersecurity Fundamentals Certificate (16 Credits)

Students will learn how to identify and protect against cyber attacks by understanding the fundamental principles and concepts of cybersecurity. You'll learn how to create interfaces, security zones, authentication, and policies, all for next-generation firewalls.



Mobile Application Development Certificate (18 Credits)

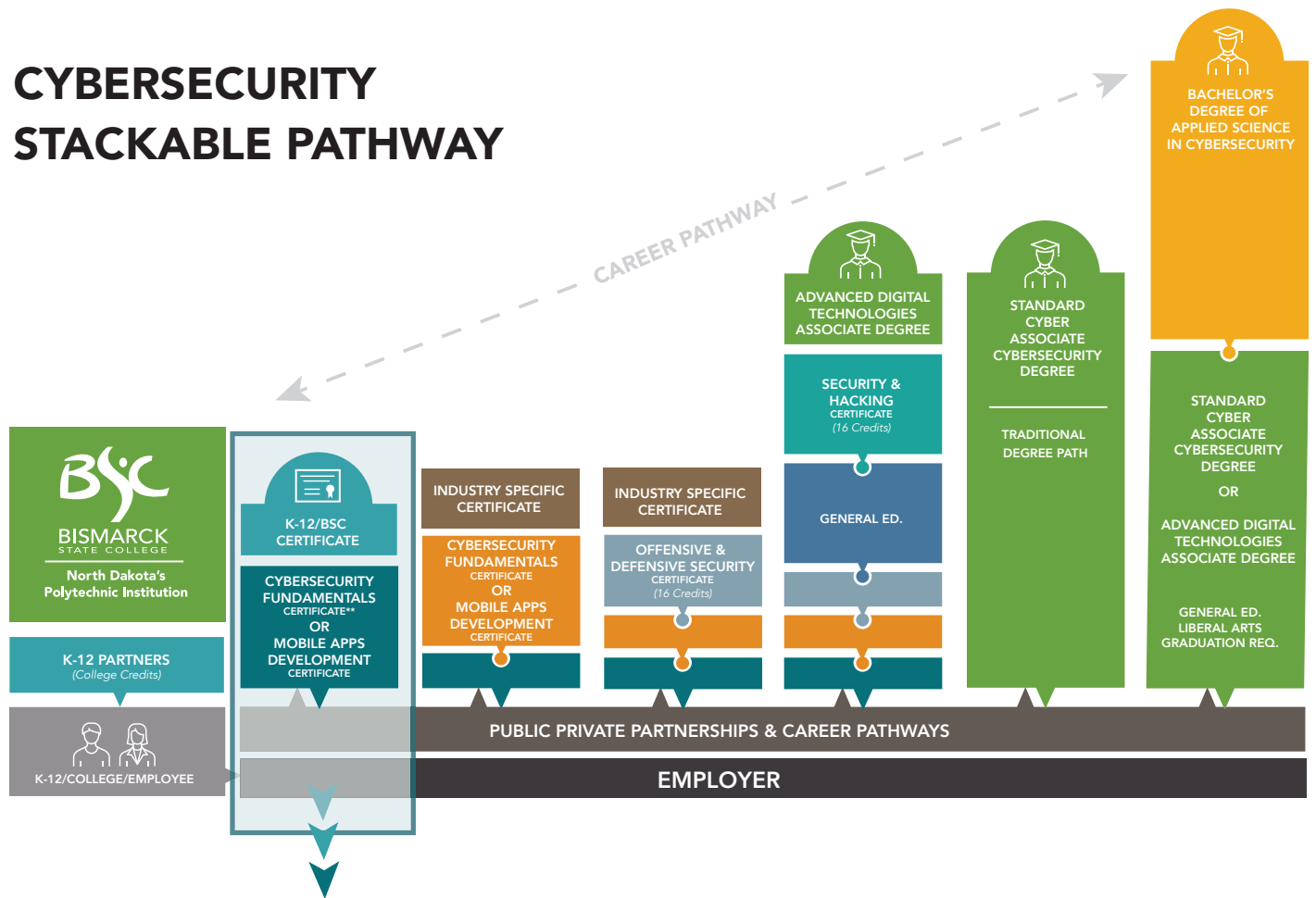
New apps are constantly being developed and downloaded. Students will learn coding skills used in mobile application development, including HTML, SQL, Python, and more.

Qualifications

- Must be a high school sophomore, junior or senior
- Must have at least a cumulative 2.0 GPA
- Must meet any course placement score and/or prerequisites
- Permission from parent/legal guardian and high school designee

Earn up to a \$750 scholarship that can be applied towards any post-secondary enrollment at a North Dakota state public, private or tribal institution.

CYBERSECURITY STACKABLE PATHWAY



CYBERSECURITY FUNDAMENTALS CERTIFICATE (16 CREDITS)

COURSE LISTING

| | | |
|---------|----------------------------------|-----------|
| CIS 140 | Cybersecurity Foundation | 3 credits |
| CIS 141 | Network Security Fundamentals | 3 credits |
| CIS 142 | Cloud Security Fundamentals | 3 credits |
| CIS 143 | Security Operations Fundamentals | 3 credits |
| CIS 164 | Networking Fundamentals | 4 credits |
| or | | |
| CIS 197 | Cooperative Education/Internship | 4 credits |

MOBILE APPLICATION DEVELOPMENT CERTIFICATE (18 CREDITS)

COURSE LISTING

| | | |
|---------|---|-----------|
| CIS 154 | Web Design Theory | 3 credits |
| CIS 185 | Introduction to Programming | 3 credits |
| CIS 186 | Mobile Application I* | 3 credits |
| CIS 187 | Mobile Application II | 3 credits |
| CIS 204 | Database Design and Structured Query Language (SQL) | 3 credits |
| CIS 250 | Advanced Web Design | 3 credits |

*Students must have access to a Mac computer.



Start in high school.

bismarckstate.edu/FastTrack