

Master the Future of Education: Graduate Certificate in Computer Science & Cyber Education

*Delivered by Dakota State University, a National
Center of Academic Excellence in Cyber Defense.*

YOUR FAST TRACK TO CYBER EDUCATION

This fully online, 18-credit hour graduate certificate is specifically designed for teachers with NO prior experience in Computer Science, Cyber Security, or Artificial Intelligence. We provide the foundational knowledge and pedagogical expertise you need to lead a cyber-ready classroom.

FLEXIBILITY & VALUE	CURRICULUM & CAREER
<p>Work on Your Time Courses are offered year-round, fully online, and in an asynchronous format. No need to attend regular live classes!</p>	<p>Path to a Master's All 18 credits apply directly into DSU's Masters of Education and Technology. You only have 12 credits left to earn a full M.Ed.</p>
<p>Exceptional Value Competitive graduate tuition rates for both residents and non-residents.</p>	<p>Meet State Requirements Curriculum follows the NCTA design, preparing you to teach dual enrollment courses and meet South Dakota's secondary CS and IT endorsement requirements.</p>



PROGRAM DETAILS & TUITION

STATUS	TUITION PER CREDIT
South Dakota Residents	\$484.10
Residents of Other States	\$599.75

Total Credits: 18 Credit Hours (6 courses)

Delivered through DSU's learning management system and the Power Cyber Lab, the curriculum equips educators with a broad understanding of cybersecurity concepts to address their students' diverse needs and interests.

CORE COURSE SPOTLIGHT

CSC 626 - Computer Programming for Educators Learn the fundamentals of programming and gain practical skills to teach K-12 students how to code. Through hands-on exercises, educators become proficient in multiple programming languages, fostering computational thinking.

CSC 617 - Cybersecurity for Educators Equips educators to teach K-12 students about cyber security principles and practices. Participants explore various cyber threats and protective measures, developing strategies for translating technical information into engaging lessons.

CSC 613 - Artificial Intelligence for Educators Educators delve into AI and gain the knowledge needed to teach K-12 students about AI concepts and applications. Through hands-on projects, students learn to break down complex AI topics into digestible lessons.

CSC 611 - Cybersecurity Policy, Law, and Ethics for Educators Explores the intersection of policy, law, and ethics in cybersecurity. Educators will develop strategies for integrating these complex concepts—such as protecting sensitive data and maintaining compliance—into local curricula.



Learn More & Apply Today!

DSU.edu/ncta.html

DSU.edu/programs/computer-science-and-cyber-education-graduate-certificate.html