



Continuing and
Lifelong Education

Powered by **ThriveDX**



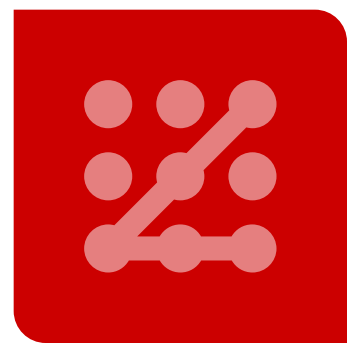
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NC State University —

Program Catalog

Cybersecurity Bootcamp | 32 Weeks



Welcome to Your Future

We're thrilled that you're considering a career in cybersecurity! Change can be challenging, but taking this first step is a powerful move toward a brighter tomorrow.

Our Cybersecurity Bootcamp is thoughtfully designed for learners of all levels, even those with no prior tech experience. With a comprehensive curriculum, an AI-powered platform, a supportive community and a practical approach, you'll gain the skills needed to launch a rewarding career in cybersecurity.

Read on to learn more about the program and take your first step toward a successful future today!

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Let's Connect

Have questions about the program? Ready to enroll?
Our Advisors are ready to help.

Introduction

About NC State University

NC State Continuing and Lifelong Education acts as a gateway for students to access the vast intellectual and technical resources at NC State University. NC State Continuing and Lifelong Education was originally established in 1924 as the College Extension Division, and since then, it has been dedicated to continually evolving to meet the educational needs of learners, as well as organizations, governmental agencies and corporations. Since its inception, NC State Continuing and Lifelong Education has proudly been dedicated to delivering public service first, as established by Jane S. McKimmon, a pioneer in the field of continuing education.

About ThriveDX

ThriveDX is a leader in cybersecurity education, partnering with top universities to deliver AI-driven, hands-on training through expert-led instruction. At the core of our training is our TDX Arena Platform—an adaptive, AI cyber lab that simulates real-world threats, provides instant feedback and customizes labs to each learner. Our 300+ elite instructors from top companies bring real-world expertise to every session. With up-to-date AI labs, gamified learning and job-focused training, ThriveDX ensures learners gain practical skills, industry certifications and career-ready experience to thrive in cybersecurity.



ThriveDX has received the following industry accolades:



Most Transformational Growth
Company In Workforce Learning



Top Cybersecurity Education
Provider in North America



Market Leader – Cybersecurity
Training



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Why Cybersecurity?

The industry is booming. The world needs you.

As our technology improves and connects us more than ever, keeping our digital world safe is crucial.



85 million [↗](#)

unfilled cybersecurity jobs globally by 2030



\$13.8 trillion [↗](#)

in cybercrime damages projected by 2028



267% growth [↗](#)

in U.S. cybersecurity jobs—far outpacing other industries

Cybersecurity isn't just about tech—it's about protecting businesses, governments and individuals from cyber threats. Whether you have experience in problem-solving, critical thinking, or teamwork, you already have the skills to succeed in this field.

Top Roles in Cybersecurity



Cybersecurity Analyst



Network Security Engineer



Incident Response Specialist



Digital Forensics Investigator

Average Entry-Level Cybersecurity Salary: \$95,000+ (talent.com)



No tech background? No problem.

This bootcamp will take you from beginner to job-ready.

We've seen motivated learners from many different backgrounds shift to a career in cybersecurity, including:

- ✓ Government Personnel
- ✓ Business Owners
- ✓ Restaurant Employees
- ✓ Real Estate
- ✓ Retail Workers
- ✓ Airline Staff
- ✓ Banking & Finance
- ✓ Military & Law Enforcement
- ✓ Stay-at-Home Parents
- ✓ Healthcare & Education

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About the Bootcamp

Overview



Bootcamp Length

32 weeks



Class Times & Frequency

Evenings, Mon/Wed or Tue/Thu



Time Commitment

Part-time



Learning Format

60% virtual class
40% self-study



Includes

- ✓ TDX Arena access
- ✓ Career services
- ✓ Cert prep & up to three certifications, with one for hands-on competency



Learning Environment

You'll join live online sessions, engaging with your instructor, peers and TDX Arena—our AI-powered cloud-based training platform for hands-on practice. You'll also complete some independent work to reinforce what you've learned.



Prerequisites

No tech experience or degree required—just bring your motivation!

— You must be 18 years old to begin.

— You will need access to a desktop or laptop and have a reliable internet connection.

Application Process

Enrolling in our program is simple and straightforward. There are no prerequisites, no application fees and no entrance exam.

01

Schedule a Call + Apply

Meet with an Admissions Advisor to talk through your career goals, discuss your questions about the program and make sure you're a good fit for the field. If you meet the prerequisites and would like to move forward, we can complete your application during the call.

02

Secure Funding

Your Admissions Advisor can help you find the best funding to fit your needs. Depending on your situation, you may be able to take advantage of direct monthly payments for 0% interest. Financing options are also available, but can vary by financial situation and goals.

03

Choose a Cohort + Enroll

Submit your deposit and reserve your seat in the next available cohort to begin your path to a new future! New cohorts begin periodically throughout the year, and applications are accepted at any time.

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What You Will Learn

Program Structure

Designed for all skill levels, the bootcamp is structured into three main phases: Fundamentals, Infrastructure and Advanced. Each phase is divided into focused 4-week modules, allowing you to dive deep into a specific area before progressing to the next. Each phase and module blends guided instruction, self-paced learning and hands-on practice, so you can start applying your skills right away and gain real experience to boost your resume as you go.

📌 Career-related activities, TDX Arena certification and post-bootcamp certification prep are also included.

● Cyber 101 | Elective Prework

This self-paced course is optional, but recommended if you have no prior tech experience. It focuses on the essential knowledge and skills needed to lay the foundation for the program.

● Fundamentals | Weeks 1-12

Begin the bootcamp with a deep dive into cybersecurity and networking basics. Complete this phase with a foundational understanding of essential cybersecurity concepts.

● Infrastructure | Weeks 13-24

Develop essential skills to create and manage secure networks while adopting a hacker's mindset to anticipate potential threats during this section. Complete the phase with knowledge of critical security measures, endpoint security and other vital concepts that are key to safeguarding organizations.

● Advanced | Weeks 25-32

Learn to investigate attacks using digital forensics and hone skills to identify system vulnerabilities proactively in this final phase. Upon successful completion of this phase, you will receive your Cybersecurity Bootcamp certificate of completion.

📌 Cybersecurity Professional Certificate

● Elective Certification Exam Prep | Weeks 33+

After completing the bootcamp, you gain access to certification prep materials, vouchers and discounts that can help you prepare for certification exams from organizations like AWS and CertNexus®*



Your Focus

- Computer Networking Fundamentals
- Microsoft Security Systems Administration
- Integrating Your Infrastructure Security

- Securing Your Network
- Designing Your Cybersecurity Infrastructure
- Social Engineering and Ethical Hacking

- Digital Forensics and Incident Response
- Threat Hunting and Intelligence

*For details, visit thrivedx.com/cybersecurity-program-disclaimers

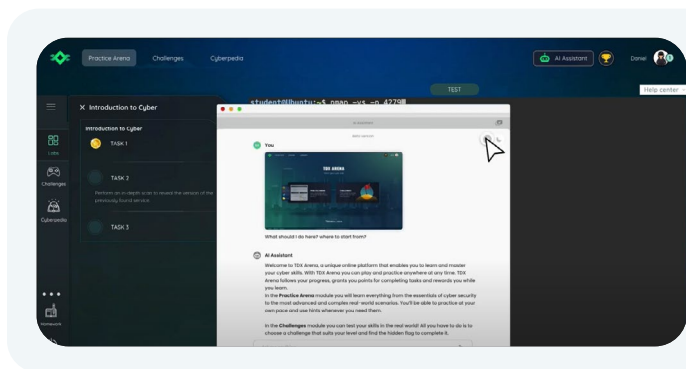
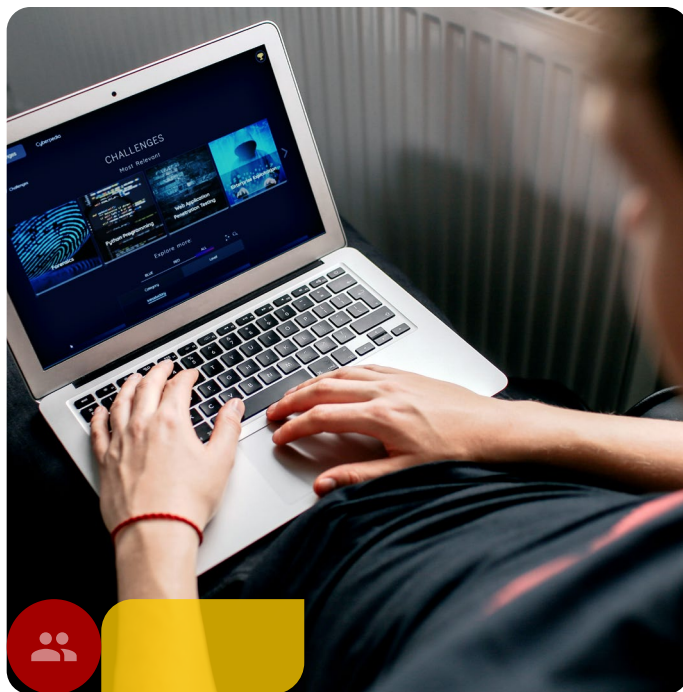
What's Included

We believe that the best way to learn is by doing. That's why our program offers virtual training with hands-on exercises and online classes led by cybersecurity professionals. This approach prepares you with experience and job-ready skills as you enter the cybersecurity workforce.

Learning & Practice With TDX Arena

Unique to our program, TDX Arena is an AI-fueled powerhouse learning platform that will not only help you apply concepts you learn in class to real-world situations throughout the bootcamp, but also help you work through areas you're having trouble with. You can also access more challenging activities when you're ready to push yourself further.

[Get a Sneak Peek](#)



AI Assistant

Available whenever you need it throughout the bootcamp, look to Eve, our AI bot, for help with questions specific to cybersecurity or information related to program support resources and policies. When working in TDX Arena, Eve can provide you with hints and tips during an activity. You can also get help with troubleshooting or support during practice in labs and Challenges.*

Challenges

As a collection of real-world cybersecurity challenges, this element of TDX Arena, features dynamic threat simulations and scenarios that mirror real-world attacks. Use the activities in Challenges to test your skills in areas you're interested in, apply knowledge you've learned in class and tackle increasingly complex problems when you're ready.

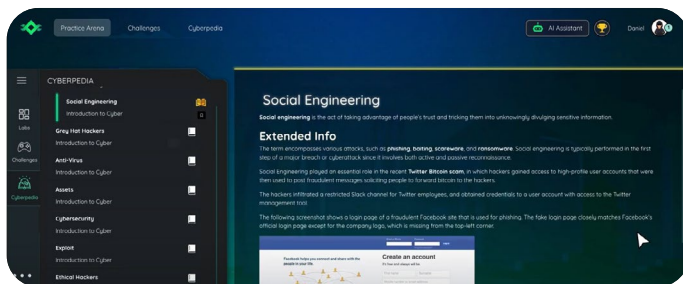
Practice Arena

Hands-on interactive labs and exercises in the Practice Arena are required as part of the bootcamp curriculum. They help you apply what you've learned in class by immersing you in the world of cybersecurity—starting from the basics and leading you to master advanced, real-world attack and defense scenarios.

Cyberpedia

This built-in information source provides comprehensive guides, in-depth resources and interactive quizzes. Access it for information related to cyberattacks, core cybersecurity principles and cutting-edge cyber tools.

*For details, visit thrivedx.com/cybersecurity-program-disclaimers



Instruction

Industry Experts

You'll learn from a network of over 300 seasoned cybersecurity experts, hand-picked from top companies like Google, Tesla, IBM, Meta, Microsoft and Amazon. Gain practical insights from professionals who have safeguarded some of the world's most critical infrastructure, and stay ahead of the latest threats, tactics and technologies straight from the front lines.

Job-Focused Curriculum

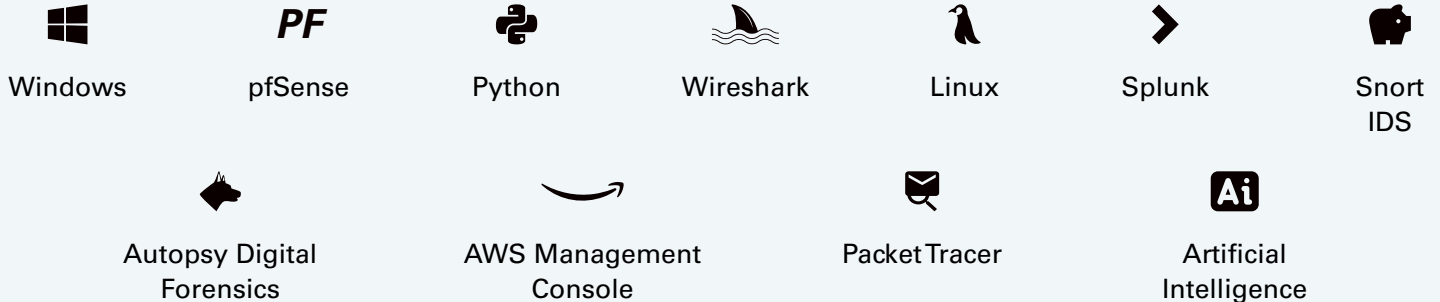
The Cybersecurity Bootcamp curriculum and activities in TDX Arena are regularly updated to align with the [NICE Framework](#), ensuring you have the skills needed to apply for cyber jobs in the following areas:

- ✓ [Systems Administration](#)
- ✓ [Network Operations](#)
- ✓ [Systems Security Analysis](#)
- ✓ [Defensive Cybersecurity](#)
- ✓ [Digital Forensics](#)
- ✓ [Incident Response](#)



Work With Industry Tools

Learn from a program that incorporates the latest advancements in cybersecurity tech tools and practices. Industry tools you'll work with include:



AI-Focused Webinars

Join optional webinars throughout the program that focus on keeping you up-to-date on the latest developments in Artificial Intelligence. Topics vary based on current events, but can include subjects like: an introduction to AI, quantum computing, or thwarting malicious AI bots.

Hands-On Experience in Real-World Simulations

Learn by doing as you complete practice activities based on actual events in our proprietary, AI-driven cyber lab, TDX Arena.

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Review

OnDemand Library

Visit the library to review class discussions and live teaching sessions as many times as you need to understand key concepts.

Review Sessions

Connect with subject matter experts outside of class time to discuss challenging lesson topics and more. Review Sessions are offered twice a week and can be accessed via the Learning Hub.

Certification Prep

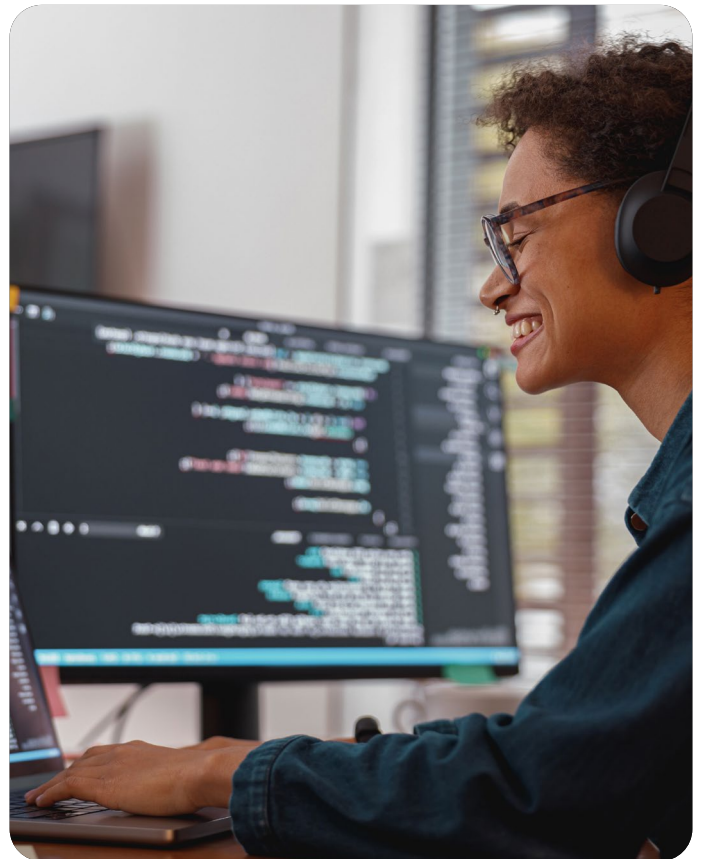
After completing the bootcamp, you can gain access to cert exam prep and discounts.*

AWS Cloud Practitioner

- ✓ A complimentary self-study AWS Cloud Foundations course
- ✓ An exam voucher discount for the AWS Cloud Practitioner Certification exam

CertNexus®

- ✓ A 20% discount for CertNexus® certifications and prep material



*For details, visit thrividx.com/cybersecurity-program-disclaimers

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Career Services

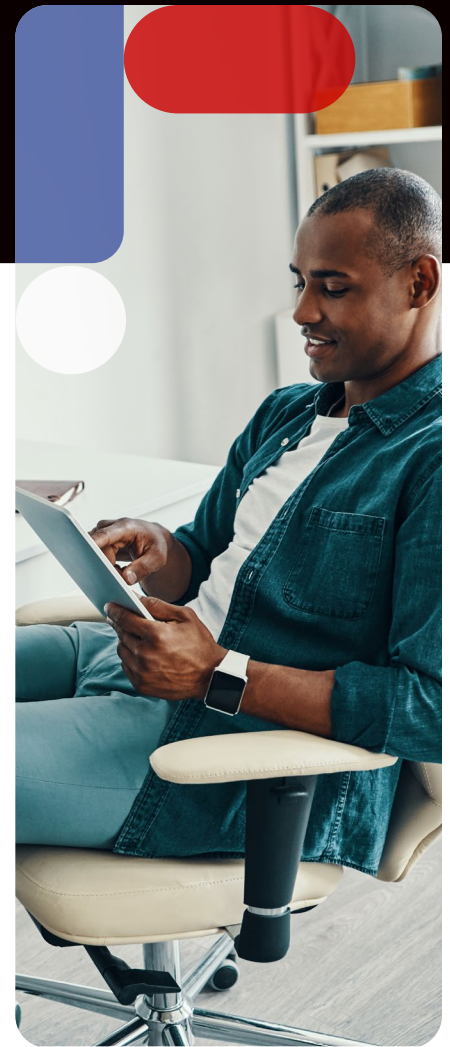
Once the bootcamp begins, as part of your tuition, you gain immediate access to career resources. These resources are offered in two phases to help you build the skills and confidence needed to carry you through job hunting now and in the future.

Core Access

Guided Instruction + Tools + Templates

During the bootcamp's first month, you can begin a self-paced career services-focused course with tools and templates designed specifically for cybersecurity bootcamp students. In short segments, the curriculum dives into:

- ✔ **Career Exploration:** Discover paths that may align with your interests.
- ✔ **Technical Resume Creation:** Learn to highlight your cyber-specific accomplishments and transferable skills.
- ✔ **LinkedIn Profile Development:** Ensure your profile is discoverable by hiring professionals.
- ✔ **Job Search:** Design a personalized plan that aligns with your priorities.
- ✔ **Networking:** Connect with professionals who can support your career growth without feeling awkward.
- ✔ **Interview Prep:** Ready yourself to handle technical and behavioral interview questions.



Resume-Focused Workshops

Attend career-focused events where you learn to build a technical resume that will catch the attention of the industry's hiring professionals.

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Advanced Access

Once you have completed the full career-focused course and our staff has your approved resume on file, you can access:



1:1 Job Search Support

Connect with Learner Services virtually for help customizing and executing your job search strategy. No matter what your background is or what level of support you need, our team is equipped to meet you where you are.



Exclusive Job Board Access

View job openings that were chosen by our team specifically for cyber program students. You can also track your application-related activities and notes on our job search management platform.



AI-Powered Interview Prep

Practice interviewing on your own time, then get immediate feedback from our partner platform's AI bot. Interview recordings can also be shared with your Learner Services Manager for additional feedback at a later date.



Advanced Workshops & Events

Learn from and connect with industry professionals and hiring organizations during virtual networking events and panel discussions.



Post-Bootcamp Support

Career support doesn't end when you complete the program. You have access to staff support, events, recordings, materials and templates for up to 6 months after you've finished the bootcamp.

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