Build Your Cybersecurity CHOPS

Join an AZNext program at ASU!

The **ASU/AZNext Cybersecurity Hands on Problem Solving (CHOPS)** course is open for enrollment.

AZNext is pleased to offer the Cybersecurity Hands on Problem Solving (CHOPS) course. Our goal in developing this course is to address the current and future cybersecurity talent pipeline with certified knowledge and demonstrated skills. We worked with cybersecurity professionals to design a curriculum that will prepare you for a role in a security operations center.

Upon completion of this 8-week course you will be able to:

- Communicate effectively with security specialists and more broadly in an organization
- Prepare for and prioritize security operations activities
- Use, configure, and measure the effectiveness of endpoint protection solutions
- Explain the roles and activities across Security and DevOps teams
- Demonstrate skills learned through workshops and tabletop exercises

The program is accessible to people interested in a cybersecurity career with a minimum of a high school diploma. Experience with a programming language, IT systems administration, or computer networks will be helpful, but not required. A recommended program to take in preparation for CHOPS training is AZNext's Google IT Support Certificate. Information about that program can be found on our web page here, aznext.pipelineaz.com.

AZNext
Arizona State University

Closing the Skills Gap to Build the Future Workforce

AZNext is a training program designed to create a bold, innovative, and sustaining workforce development ecosystem that addresses the need for more skilled workers in IT, cybersecurity, and advanced manufacturing roles in Arizona and across the U.S.

Provided at no cost to the participant.

Contact Us

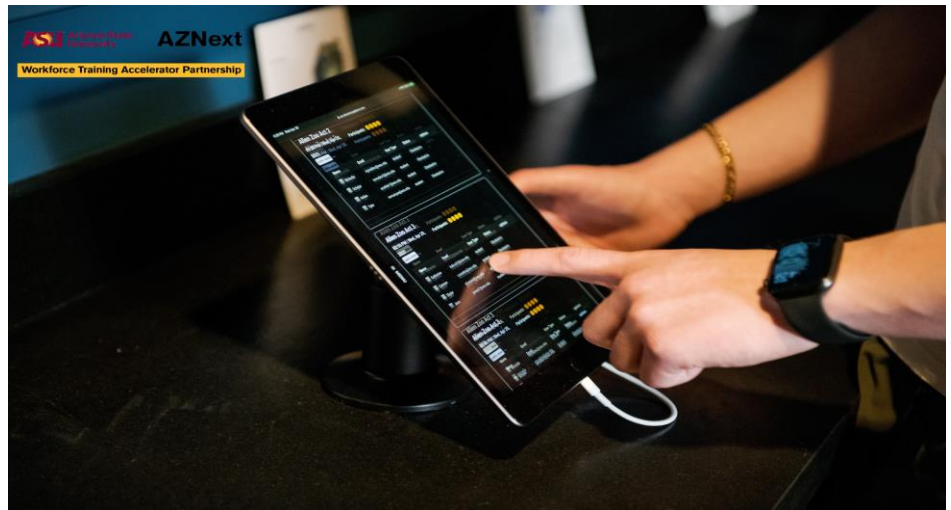**Email**

AZNext@asu.edu

Website

aznext.pipelineaz.com

Social Media

Twitter: @AZNext_ASU

LinkedIn; AZNext

What is a Computer and Information Systems Manager

A Computer and Information Systems Manager plans, directs, or coordinates activities in such fields as electronic data processing, information systems, systems analysis, and computer programming.

Fast Facts

Average Starting Salary: $79,840 (AZ)
Job Growth: Estimated 15% or Higher (US)

How to Apply

Link to Apply

Questions

Email: AZNext@asu.edu

Program Timeline

The program consists of 8 weeks of instructor-facilitated online instruction and a weekly 3-hour in-person lab session led by cybersecurity professionals at our ASU West campus on Saturdays. We expect student effort to be 6-8 hours a week including the lab session. The course will start Summer 2022, and additional sessions will be scheduled in the following terms.

- Week 1 - Governance, Risk, and Compliance (GRC)
- Week 2 - Threat Modeling
- Week 3 - Security Operations (SecOps) Incident Response I
- Week 4 - Security Operations (SecOps) Incident Response II
- Week 5 - Endpoint Protection
- Week 6 - Tabletop Exercise I (Vulnerability/Intrusion)
- Week 7 - Tabletop Exercise II (Privacy)
- Week 8 - Getting the Gig (How to market oneself as a cybersecurity professional)

Participants will contextualize what they are learning through relevant engagements with cyber-professionals and have an opportunity to network with company executives in the cybersecurity field.

What You Will Receive

Upon successfully completing the course the participant will receive an ASU/AZNext Digital Certificate, and help in determining that next step in your cybersecurity career. In addition, successful participants may be eligible for placement services with our AZNext employer partners.

Admission Requirements

Participants must be:

- 17 years of age or older
- A high school diploma or GED
- Unemployed, underemployed, looking to upskill/retrain