



CAE
IN CYBERSECURITY
COMMUNITY

Bridging the Gap: Leveraging Microsoft Learn to Enhance Cybersecurity Education

Hondo Tamez

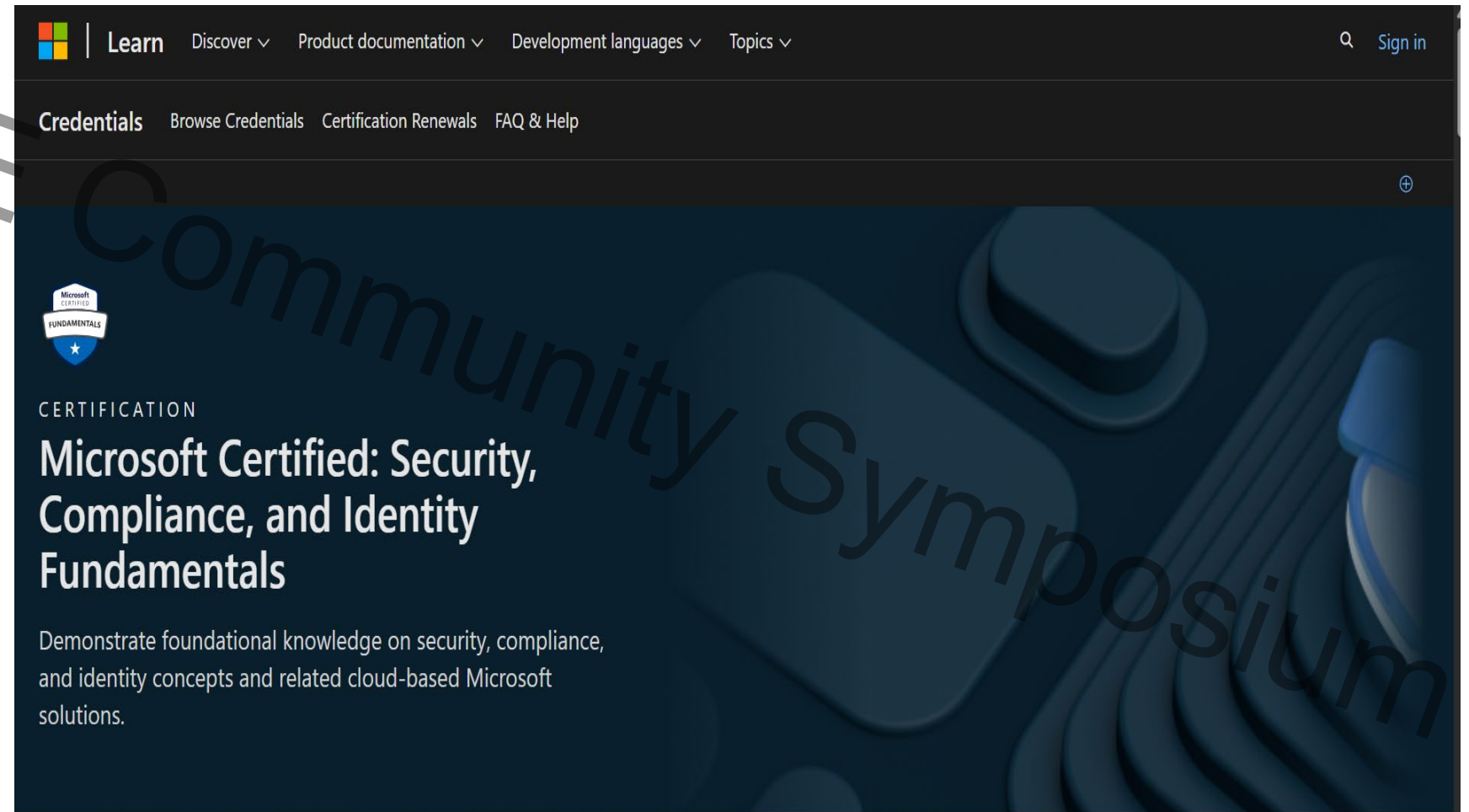
Johnson County Community College

2025 CAE Community Symposium

Why do we need cybersecurity education?

- According to the Cybersecurity Ventures Official Cybersecurity Jobs Report there will be 3.5 million open cybersecurity jobs
- Industry Certifications (Microsoft, ISC2, CompTIA)

- [Learn.Microsoft.com](https://learn.microsoft.com)



The screenshot shows the Microsoft Learn website interface. At the top, there is a navigation bar with the Microsoft logo, the word 'Learn', and several dropdown menus: 'Discover', 'Product documentation', 'Development languages', and 'Topics'. On the right side of the navigation bar, there is a search icon and a 'Sign in' link. Below the navigation bar, there is a secondary navigation bar with the word 'Credentials' and three links: 'Browse Credentials', 'Certification Renewals', and 'FAQ & Help'. The main content area features a large, dark blue background with a keyboard graphic. On the left side of this area, there is a 'Microsoft Certified Fundamentals' badge. To the right of the badge, the text 'CERTIFICATION' is displayed in all caps. Below this, the main title 'Microsoft Certified: Security, Compliance, and Identity Fundamentals' is shown in a large, white font. At the bottom of the main content area, there is a paragraph of text: 'Demonstrate foundational knowledge on security, compliance, and identity concepts and related cloud-based Microsoft solutions.'

Microsoft
Learn

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Microsoft Certification Training Offerings



Azure Security Certifications

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Microsoft Learn for Educators



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 Home

 Profile

 Register your course

 View your courses

 Voucher

 Training events

 Program Documents

 Microsoft Learn 

 Learning Download Center 



Welcome

Microsoft Learn for Educators

As an educator, you play a pivotal role in empowering students for future success! At Microsoft, we're committed to enabling and supporting you with this mission.

Microsoft Learn for Educators takes the best of Microsoft Learn online learning paths and helps you to bring this and the instructor-led training materials from Microsoft into your courses. Eligible educators and faculty members at colleges, universities, community colleges, polytechnics, and secondary schools can access Microsoft ready-to-teach curriculum and teaching materials aligned to industry-recognized Microsoft Certifications.

These certifications augment a student's existing degree path and validate the skills needed to be



Alejandro Tamez

Instructor Dashboard



Classes



Sessions



Calendar



Competencies



Blockout
Times



Achievements



Current
Training



Transcript

Today's Sessions

8:00 AM-5:00 PM

AI Test Course - 000 (AI-102)

AI Test C

Hands-on Labs

1



Describe the capabilities of Microsoft Identity and Access Management Solutions (Expected Duration 1 hours, 30 minutes)
SC-900T00-A Microsoft Security, Compliance, and Identity Fundamentals [Cloud Slice Provided], Learning Path 02

Launch

10 of 10 launch attempts remaining

Enabled ☒



2



Describe the capabilities of Microsoft Security Solutions (Expected Duration 1 hours, 30 minutes)
SC-900T00-A Microsoft Security, Compliance, and Identity Fundamentals [Cloud Slice Provided], Learning Path 03 (CSS)

Launch

10 of 10 launch attempts remaining

Enabled ☒



3



Describe the capabilities of Microsoft Compliance Solutions (Expected Duration 1 hours, 30 minutes)
SC-900T00-A Microsoft Security, Compliance, and Identity Fundamentals [Cloud Slice Provided], Learning Path 04 (CSS)

Launch

10 of 10 launch attempts remaining

☐



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Skillable Dashboard

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Skillable Labs

Describe the capabilities of Microsoft Security Solutions - Google Chrome

labclient.labondemand.com/LabClient/68f51ddd-401d-4f66-8c30-48a0d0eaff60

Home - Microsoft Azure

https://portal.azure.com/#home

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

User1-50037913@L0DS...
L0DS-PROD-MCA (L0DSPROD...

Azure services

Create a resource

Quickstart Center

Azure AI services

Kubernetes services

Virtual machines

App Services

Storage accounts

SQL databases

Azure Cosmos DB

More services

Resources

Recent Favorite

Name

Type

Last Viewed

No resources have been viewed recently

View all resources

Navigate

Subscriptions

Resource groups

All resources

Dashboard

Tools

Describe the capabilities of Microsoft Security Solutions - Google Chrome

1 Hr 29 Min Remaining

Instructions Resources Help

100%

Setup - Enable Microsoft 365 audit log and file monitoring

In this setup task, you will enable the Audit log and file monitoring capabilities in Microsoft 365.

1. Open Microsoft Edge. In the address bar, enter <https://admin.microsoft.com>.

2. Sign in with the admin credentials for the Microsoft 365 tenant provided by your authorized lab hoster (ALH).

3. From the left navigation pane of the Microsoft 365 admin center, select **Show all**.

4. Under Admin centers, select **Security**. A new browser page opens to the welcome page of Microsoft Defender.

5. In the left navigation panel, scroll down and expand **System**. From the expanded list, select **Audit**. Note: the audit functionality is also accessible through the Microsoft Purview portal.

6. Once you land on the Audit page, wait 1-2 minutes. If Auditing is NOT enabled, you'll see a blue bar on the top of the page that says start recording user and admin activity. Select **Start recording user and admin activity**. Once auditing is enabled, the blue bar disappears. If the blue bar is not present, then auditing is already enabled, and no further action is required. If you see a message, "Sorry, we're having trouble figuring out if activity is being recorded. Try refreshing the page," and there is no change after refreshing the page, you'll need to enable audit via PowerShell.

a. Right-select the blue Windows PowerShell icon on taskbar and select **Run as administrator**.

b. To confirm that the Exchange Online

ENG US

3:45 PM 4/4/2025

0% Tasks Complete

2025 CAE Resources

Microsoft Learn for Educators Portal Getting Started Instructions

- <https://learn.microsoft.com/en-us/training/educator-center/programs/msle/program-instructions>

Microsoft Learn for Educators Portal

- <https://fsiwwlprd.powerappsportals.com/en-US/SignIn?returnUrl=%2F>

Microsoft Learn Training Environment

- <https://learn.microsoft.com/en-us/training/>

Skillable Labs

- <https://msle.learnondemand.net/Admin>