

# Prepare for Microsoft Certifications

## – While working on your AAS Degree or Certificate of Achievement

The CIT Department at the College of Southern Nevada offers many courses to help you prepare for industry-recognized certifications. These courses will also fulfill requirements for AAS Degrees and Certificates of Achievement. This document presents Microsoft certifications and their associated preparatory courses. All courses are 3 credits, unless noted otherwise.

*The course material of each class can serve only as a guide to the specific topics covered in the certification exams. Passing these classes does not guarantee that you will pass the certification exams. Additional review and practice will be required to achieve the mastery of the concepts and skills needed to pass the exams.*

(If you already hold *current* versions of these industry certifications, you may wish to use them to petition for **Non-Traditional Educational (NTE)** credit for relevant courses required for AAS degrees or Certificates of Achievement. Specific rules, procedures and limitations apply. See the [Alternative Credit Options](#) (<https://catalog.csn.edu/content.php?catoid=11&navoid=2829>) section in the online 2021–2022 General Catalog, Admissions Information for details. Scroll down to find the “Non-Traditional Education (NTE)” section.)

Refer to the online 2021-2022 Catalog for [Course Descriptions](#) and [Degree Requirements](#).

For the MOS and MTA certifications, contact [Eve Taghva](#), Software Program Director. For the Microsoft 365 certifications contact [Karen Ahern](#), Networking Program Director.

## MOS — Microsoft Office Specialist (Office 365 and Office 2019)

Certifications are available for these components of MS Office: Word, Excel, Access, PowerPoint and Outlook. Learn more about specific [MOS exams](#) (<https://learn.microsoft.com/en-us/certifications/browse/?products=office&type=mos>)

The following classes at CSN will help you prepare for MOS **Expert** exams:

- CIT 201B Word Certification Preparation (Prerequisite: IS 100B or IS 101), Exam MO-101
- CIT 202B Excel Certification Preparation (Prerequisite: IS 100B or IS 101), Exam MO-201
- CIT 203B Access Certification Preparation (Prerequisite: IS 115), Exam MO-500

CIT 203B fulfills a requirement for

- AAS Degree in CIT Software – Database (core)

## MTA — Microsoft Technology Associate — Database Fundamentals

According to [Microsoft's website](https://www.microsoft.com/en-us/learning/mta-summary-certification.aspx) (<https://www.microsoft.com/en-us/learning/mta-summary-certification.aspx>), the Microsoft Technology Associate (MTA) certifications are for individuals considering a career in technology or in business with an emphasis in technology; they validate your understanding of core IT concepts. See details of the MTA — Database Fundamentals exam (Exam 98-364) at this [url](https://www.microsoft.com/en-us/learning/exam-98-364.aspx) (<https://www.microsoft.com/en-us/learning/exam-98-364.aspx>).

While the following classes at CSN are not tied directly to any certification, they will help you prepare for the MTA — Database Fundamentals exam:

- CIT 180 Database Concepts and SQL (SQL Server section) (Prerequisite: IS 115)
- CIT 183 Database Administration (SQL Server section) (Prerequisite: CIT 180)

Both courses fulfill requirement for the following:

- AAS Degree in CIT Software – Database (core)

## Microsoft 365 Certified: Endpoint Administrator

[Microsoft](https://learn.microsoft.com/en-us/certifications/exams/md-102) (<https://learn.microsoft.com/en-us/certifications/exams/md-102>) offers this certification to those who “deploy, configure, secure, manage, and monitor devices and client applications in an enterprise environment.”

This certificate requires to pass exam:

- MD-102 (Endpoint Administrator)

The following courses will help you prepare for this certification:

- CIT 211 Microsoft Operating Systems Management
- CIT 212 – Microsoft Networking II (Prerequisite: CIT 211 with a grade of C- or higher; or Instructor approval)

CIT 211 fulfills requirements for the following:

- AAS Degree in CIT Cyber Security - Digital Forensics (core)
- AAS Degree in CIT Networking – Network Administration (core)
- AAS Degree in CIT Networking – System Administration (core)
- Certificate of Achievement in Cyber Security - Digital Forensics (core)

CIT 212 fulfills requirements for the following:

- AAS Degree in CIT Cyber Security – Compliance (elective)
- AAS Degree in CIT Cyber Security - Digital Forensics (core)
- AAS Degree in CIT Networking – System Administration (core)
- Certificate of Achievement in Cyber Security - Digital Forensics (core)

## Microsoft Certified: Azure Administrator Associate

According to [Microsoft](https://docs.microsoft.com/en-us/learn/certifications/azure-administrator) (<https://docs.microsoft.com/en-us/learn/certifications/azure-administrator>) the Azure Administrator Associate Certificate requires passing of Exam AZ-104: Microsoft Azure Administrator. This exam validates the following skills:

- Manage Azure identities and governance
- Implement and manage storage
- Deploy and manage Azure compute resources
- Configure and manage virtual networking
- Monitor and back up Azure resources

The following course will help you prepare for this certification:

- CIT 213 – Microsoft 365 Security Administration (Prerequisite: CIT 211 with a grade of C- or higher, or Instructor approval)

CIT 213 fulfills requirements for the following:

- AAS Degree in CIT Cyber Security – Compliance (elective)
- AAS Degree in CIT Cyber Security - Digital Forensics (elective)
- AAS Degree in CIT Networking – System Administration (core)
- Certificate of Achievement in Cyber Security - Digital Forensics (elective)

## Microsoft Certified: Azure Security Engineer Associate

According to [Microsoft](https://docs.microsoft.com/en-us/learn/certifications/azure-security-engineer) (<https://docs.microsoft.com/en-us/learn/certifications/azure-security-engineer>) the Azure Security Engineer Associate Certificate requires passing of Exam AZ-500: Microsoft Azure Security Technologies.

This exam validates the following skills:

- Manage identity and access
- Implement platform protection
- Manage security operations
- Secure data and applications

The following course will help you prepare for this certification:

- CIT 214 – Microsoft Azure Administration (Prerequisite: CIT 112B and CIT 211 with a grade of C- or higher, or Instructor approval)

CIT 214 fulfills requirements for the following:

- AAS Degree in CIT Cyber Security – Compliance (elective)
- AAS Degree in CIT Networking – System Administration (core)