Azure Services and Technology   2023-2024 Catalog

[ARCHIVED CATALOG]

SVAD 265 - Azure Services and Technology

PREREQUISITES: SVAD 150 Cloud Foundations
PROGRAM: Cloud Technologies
CREDIT HOURS MIN: 3
LECTURE HOURS MIN: 2
LAB HOURS MIN: 2
DATE OF LAST REVISION: Fall 2022

This course will serve to provide students with an in-depth dive into the Microsoft Azure ecosystem of Cloud Computing.   By building on the knowledge established in earlier courses of other vendors platform's, students will explore the Microsoft platform and become familiar with all of the options available.

MAJOR COURSE LEARNING OBJECTIVES: Upon successful completion of this course the student will be expected to:

1. Manage Azure Active Directory
2. Manage Access Control
3. Manage Azure Subscriptions and Governance
4. Implement and Manage Azure Storage
5. Deploy and Manage Azure Computer Resources
6. Configure and Manage Virtual Networks
7. Monitor and Maintain Azure Resources

COURSE CONTENT: Topical areas of study include -

- Azure Storage Accounts
- File Storage
- Blob Storage
- Replications
- Storage Tiers
- Virtual Machine Management
- Containers
- Azure App Service
- Virtual Networks
- Load Balancing
- Resource Monitoring
- Backup and Recovery

[Course Addendum - Syllabus (Click to expand)](#)