

AZ-900T01: Microsoft Azure Fundamentals

COURSE OVERVIEW:

This course will provide foundational-level knowledge of cloud services and how those services are provided with Microsoft Azure. The course can be taken as an optional first step in learning about cloud services and Microsoft Azure, before taking further Microsoft Azure or Microsoft cloud services courses.

The course will cover general cloud computing concepts, as well as general cloud computing models and services, such as Public, Private and Hybrid cloud, and Infrastructure-as-a-Service (IaaS), Platform-as-a-Service (PaaS), and Software-as-a-Service (SaaS).

It will also cover some core Azure services and solutions, as well as key Azure pillar services concerning security, privacy, compliance, and trust. It will finally cover pricing and support services available with Azure.

WHO WILL BENEFIT FROM THIS COURSE?

There are no prerequisites for taking this course. It is targeted toward anyone who wants to learn more about Microsoft Azure.

PREREQUISITES:

There are no prerequisites for taking this course. Technical IT experience is not required, however, some general IT knowledge or experience would be beneficial.

COURSE OBJECTIVES:

After completing this course, students will be able to:

- Understand general cloud computing concepts
- Understand core services available with Microsoft Azure
- Understand security, privacy, compliance, and trust with Microsoft Azure
- Understand pricing and support models available with Microsoft

COURSE OUTLINE:

Module 1: Cloud Concepts

In this module, you will learn basic cloud concepts.

Lessons

- Learning Objectives
- Why Cloud Services?
- Infrastructure-as-a-Service (IaaS), Platform-as-a-Service (PaaS), and Software-as-a-Service (SaaS)
- Public, Private, and Hybrid cloud models

After completing this module, students will be able:

- Understand general cloud computing concepts

Module 2: Core Azure Services

- In this module, you will learn the basics core services available with Microsoft Azure.

Lessons

- Core Azure architectural components
- Core Azure Services and Products
- Azure Solutions
- Azure management tools

After completing this module, students will be able:

- Understand core services available with Microsoft Azure

Module 3: Security, Privacy, Compliance and Trust

- In this module, you learn about security, privacy, compliance, and trust with Microsoft Azure.

Lessons

- Securing network connectivity in Azure
- Core Azure Identity services
- Security tools and features
- Azure governance methodologies
- Monitoring and Reporting in Azure
- Privacy, Compliance, and Data Protection standards in Azure

After completing this module, students will be able:

- Understand security, privacy, compliance, and trust with Microsoft Azure

Module 4: Azure Pricing and Support

- In this module, you will focus on pricing and support models available with Microsoft.

Lessons

- Azure subscriptions
- Planning and managing costs
- Support options available with Azure
- Service lifecycle in Azure

After completing this module, students will be able:

- Understand pricing and support models available with Microsoft

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Sunset Learning Institute (SLI) has been an innovative leader in developing and delivering authorized technical training since 1996. Our goal is to help our customers optimize their cloud technology investments by providing convenient, high quality technical training that our customers can rely on. We empower students to master their desired technologies for their unique environments.

What sets SLI apart is not only our immense selection of trainings options, but our convenient and consistent delivery system. No matter how complex your environment is or where you are located, SLI is sure to have a training solution that you can count on!

Premiere World Class Instruction Team

- All SLI instructors have a four-year technical degree, instructor level certifications and field consulting work experience.
- Sunset Learning has won numerous Instructor Excellence and Instructor Quality Distinction awards since 2012

Enhanced Learning Experience

- The goal of our instructors during class is ensure students understand the material, guide them through our labs and encourage questions and interactive discussions.

Convenient and Reliable Training Experience

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- All Sunset Learning Institute classes are guaranteed to run – you can count on us to deliver the training you need when you need it!

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- Dedicated account manager to suggest the optimal learning path for you and your team
- Enthusiastic Student Services team available to answer any questions and ensure a quality training experience