

## AZ-500 Microsoft Azure Security Technologies

### Overview

In this course students will gain the knowledge and skills needed to implement security controls, maintain the security posture, and identify and remediate vulnerabilities by using a variety of security tools. The course covers scripting and automation, virtualization, and cloud N-tier architecture.

### Prerequisite Comments

Before attending this course, students must have knowledge of: Microsoft Azure Administrator Associate

### Target Audience

Students should have at least one year of hands-on experience securing Azure workloads and experience with security controls for workloads on Azure.

### Course Objectives

After completing this course, students will be able to:  
 Describe specialized data classifications on Azure  
 Identify Azure data protection mechanisms  
 Implement Azure data encryption methods  
 Secure Internet protocols and how to implement them on Azure  
 Describe Azure security services and features

### Course Outline

[Register Online](#)

### Schedule

Class Length: 4 Days

G2R = "Guaranteed to Run" | OLL = "Online LIVE"  
 ILT = "Instructor-Led-Training" | HDL = "Hosted Distance Learning"

11/02/20	G2R	6:00AM - 2:00PM	Online LIVE - Remote Learning (Pacific Time)	OLL	\$2,380.00
11/02/20	G2R	6:00AM - 2:00PM	HDL - All Locations (Pacific Time)	HDL	\$2,380.00
12/07/20	G2R	8:00AM - 4:00PM	HDL - All Locations (Pacific Time)	HDL	\$2,380.00
12/07/20	G2R	8:00AM - 4:00PM	Online LIVE - Remote Learning (Pacific Time)	OLL	\$2,380.00
01/18/21	G2R	6:00AM - 2:00PM	HDL - All Locations (Pacific Time)	HDL	\$2,380.00
01/18/21	G2R	6:00AM - 2:00PM	Online LIVE - Remote Learning (Pacific Time)	OLL	\$2,380.00
02/08/21	G2R	6:00AM - 2:00PM	HDL - All Locations (Pacific Time)	HDL	\$2,380.00
02/08/21	G2R	6:00AM - 2:00PM	Online LIVE - Remote Learning (Pacific Time)	OLL	\$2,380.00
03/08/21	G2R	6:00AM - 2:00PM	Online LIVE - Remote Learning (Pacific Time)	OLL	\$2,380.00
03/08/21	G2R	6:00AM - 2:00PM	HDL - All Locations (Pacific Time)	HDL	\$2,380.00

### 1 - Identity and Access

Configure Azure Active Directory for Azure workloads and subscriptions  
 Configure Azure AD Privileged Identity Management  
 Configure security for an Azure subscription

### 2 - Platform Protection

Understand cloud security  
 Build a network  
 Secure network  
 Implement host security  
 Implement platform security  
 Implement subscription security

### 3 - Security Operations

Configure security services  
 Configure security policies by using Azure Security Center  
 Manage security alerts  
 Respond to and remediate security issues  
 Create security baselines

### 4 - Data and applications

Configure security policies to manage data  
 Configure security for data infrastructure  
 Configure encryption for data at rest  
 Understand application security  
 Implement security for application lifecycle  
 Secure applications  
 Configure and manage Azure Key Vault

03/22/21	G2R	8:00AM - 4:00PM	HDL - All Locations (Pacific Time)	HDL	\$2,380.00
03/22/21	G2R	8:00AM - 4:00PM	Online LIVE - Remote Learning (Pacific Time)	OLL	\$2,380.00
04/12/21	G2R	6:00AM - 2:00PM	Online LIVE - Remote Learning (Pacific Time)	OLL	\$2,380.00
04/12/21	G2R	6:00AM - 2:00PM	HDL - All Locations (Pacific Time)	HDL	\$2,380.00
05/03/21	G2R	6:00AM - 2:00PM	Online LIVE - Remote Learning (Pacific Time)	OLL	\$2,380.00
05/03/21	G2R	6:00AM - 2:00PM	HDL - All Locations (Pacific Time)	HDL	\$2,380.00
06/07/21	G2R	6:00AM - 2:00PM	HDL - All Locations (Pacific Time)	HDL	\$2,380.00
06/07/21	G2R	6:00AM - 2:00PM	Online LIVE - Remote Learning (Pacific Time)	OLL	\$2,380.00
06/28/21	G2R	8:00AM - 4:00PM	Online LIVE - Remote Learning (Pacific Time)	OLL	\$2,380.00
06/28/21	G2R	8:00AM - 4:00PM	HDL - All Locations (Pacific Time)	HDL	\$2,380.00