

# Course Outline

## Module 1: Implementing authentication

### Lessons

- Implement authentication in applications
- Implement multi-factor authentication

After completing this module, students will be able to:

- Learn about the different authentication options, including multi-factor, available in Azure and how they operate

## Module 2: Implementing access control

### Lessons

- Claims-based authorization
- Role-based access control (RBAC) authorization

After completing this module, students will be able to:

- Learn about implementing access control in your solution including claims- and role-based authorization

## Module 3: Implementing secure data solutions

### Lessons

- Encryption options
- End-to-end encryption
- Implement Azure confidential computing
- Manage cryptographic keys in Azure Key Vault

After completing this module, students will be able to:

- Implement secure data solutions by using encryption, Azure confidential computing, and SSL/TLS communications