**Azure Devops AZ 400**

**Month 1: Introduction to Azure DevOps and Version Control**

Week 1-2: Introduction to Azure DevOps and Agile Planning

* Overview of Azure DevOps and its components.
* Introduction to Agile methodologies and Azure Boards.

Week 3-4: Version Control with Azure Repos

* Azure Repos for version control.
* Branching strategies and pull requests.
* Integrating Git with Azure Pipelines.

Week 5-6: Continuous Integration and Continuous Deployment (CI/CD) with Azure Pipelines

* Building CI/CD pipelines with Azure Pipelines.
* Implementing and managing release pipelines.
* Deployment strategies and approvals.

**Month 2: Infrastructure as Code, Monitoring, and Security**

Week 1-2: Infrastructure as Code (IaC) with Azure

* Introduction to IaC using Azure Resource Manager (ARM) templates.
* Azure Resource Manager (ARM) template deployment.
* Managing configuration drift with Azure Automation State Configuration.

Week 3-4: Azure Monitoring and Feedback Loops

* Implementing application monitoring with Azure Monitor.
* Implementing feedback mechanisms.
* Integrating monitoring and feedback with Azure Boards.

Week 5-6: Security and Exam Preparation

* Implementing secure development processes.
* Implementing compliance and security in your pipeline.
* Review key topics and exam preparation strategies.