



Learning Path Details

MSSA Program Overview

Microsoft Military Affairs Group

Last Updated: 04/05/2022

MSSA Cloud App Dev. – Learning Path (June/July 2022)

Program Prerequisites

Certification

Pearson Vue IT Specialist:
Software Development

OR

MTA Exam 98-361:
Software Development
Fundamentals

Training

LinkedIn Learning:
[Software Development
Fundamentals
\(linkedin.com\)](#)

Curriculum – Instructor Led Courses

Introduction to Programming

10975: Introduction to Programming

Students will learn the basics of computer programming using Microsoft Visual Studio IDE and C# programming language.

*GitHub Fundamentals

GitHub basics: Version control, repos, projects, notifications, branches, pull requests, and commits.

Programming

20483: Programming in C#

Learn core programming skills required for developers to create Windows applications using the Visual C# language including Visual C# program structure, language syntax, and implementation details.

20480: Programming in HTML5 with JavaScript and CSS3

Learn core HTML5/CSS3/JavaScript programming skills such as how to implement programming logic, define and use variables, perform looping and branching, develop user interfaces, capture and validate user input, store data, and create well-structured applications.

Data Structures and Algorithms

Students learn about basic algorithms, algorithmic analysis, and basic data structures and how to apply in their code.

20486: Developing ASP.NET Core MVC Web Applications

Develop advanced ASP.NET Core MVC applications using .NET Core tools and technologies. The focus will be on coding activities that enhance the performance and scalability of the Web site application.

*Custom course created by the Learning Partner

Data Access

DP-080: Querying Data with Microsoft Transact-SQL

Students learn core Transact-SQL scripting language to access and update data stored in SQL Server.

MS Learn: Program with Transact-SQL

Learn how to use programming techniques in your Transact-SQL.



Microsoft Certified:
Azure Fundamentals

Microsoft Azure

AZ-900: Microsoft Azure Fundamentals

Provides students with core Azure concepts; core Azure services; core solutions and management tools; general security and network security; governance, privacy, and compliance features; Azure cost management and service level agreements.

AZ-204: Developing Solutions for Microsoft Azure

Create end-to-end solutions in Azure and how to implement Azure compute solutions, create Azure Functions, implement and manage web apps, develop solutions utilizing Azure storage, implement authentication and authorization, secure solutions by using KeyVault and managed Identities, and connect to/consume Azure services and third-party services and include event/message-based models in their solutions.



Microsoft Certified:
Azure Developer Associate

