

# Practical Azure Workshop

Teerachai Laothong  
Instructor  
IMC Instittue



# Welcome

## **Thank you for joining us today.**

We've worked together with the Microsoft Partner Network and Microsoft IT Academies to bring you a world-class learning experience.

**Microsoft Certified Trainers + Instructors.** Your instructor is a premier technical and instructional expert who meets ongoing certification requirements.

## **Customer Satisfaction Guarantee.**

Our partners offer a satisfaction guarantee and we hold them accountable for it.

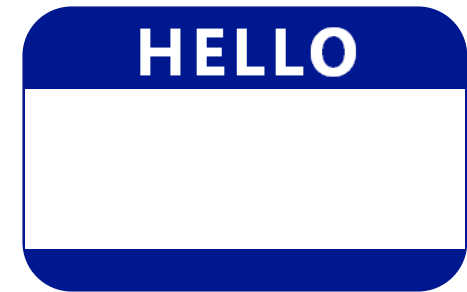
At the end of class, please complete an evaluation of today's experience. We value your feedback!

**Certification Exam Benefits.** After training, consider pursuing a Microsoft Certification to help distinguish your technical expertise and experience. Ask your instructor about available exam promotions and discounts.

We wish you a great learning experience and ongoing career success!

# Hello! Instructor introduction

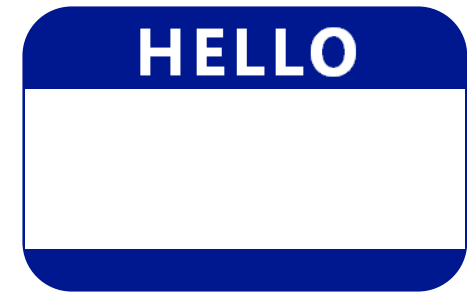
- **Instructor:** Teerachai Laothong
- Microsoft Certified Trainer,
- Microsoft MVP, Microsoft Azure
- IMC Institute
- Digital Thailand Club



# Hello! Student introductions

Let's get acquainted:

- Your name
- Company affiliation
- Title/function
- Windows Server / Server experience
- Microsoft Azure or cloud-services experience
- **Your expectations for the course**



# Facilities

- Class hours
- Building hours
- Parking
- Restrooms
- Meals
- Phones
- Messages
- Smoking
- Internet access
- Recycling
- Emergency procedures



# About this course: Prerequisites

## **Before attending this course, students should have:**

- Basic understanding of cloud technologies and Microsoft Azure
- Working knowledge of Active Directory Domain Services (AD DS)
- Working knowledge of on-premises virtualization technologies
- Understanding of networking concepts and technologies
- Understanding of websites and web applications
- Understanding of database concepts
- Understanding of resilience and disaster recovery

# Course outline

## Module 1

Introduction to Cloud Computing and Microsoft Azure

## Module 2

Implementing and managing Azure networking

## Module 3

Implementing virtual machines

## Module 4

Managing virtual machines

## Module 5

Implementing Azure App Service

# Course outline *(continued)*

## Module 6

Planning and implementing storage, backup, and recovery services

## Module 7

Planning and implementing Azure SQL Database

## Module 8

Implementing PaaS cloud services

## Module 9

Implementing Azure Active Directory

## Module 10

Managing an Active Directory infrastructure in a hybrid environment

## Module 11

Implementing Azure-based management and automation



# Microsoft Certification Program

Get trained. Get certified.  
Get ahead.

Microsoft Certifications demonstrate that you have the skills to design, deploy, and optimize the latest technology solutions.

Ask your Microsoft Learning Partner how you can prepare for certification.

For more information about Microsoft Certifications, go to:  
<http://www.microsoft.com/learning/certification>

Microsoft Certified  
Solutions Expert  
(MCSE)

Microsoft Certified  
Solutions Associate  
(MCSA)



# Windows Server 2016 certification path

## MCSA: Windows Server 2016



Exam 70-740

Installation, Storage  
and Compute with  
Windows Server  
2016



Exam 70-741

Networking with  
Windows Server  
2016



Exam 70-742

Identity with  
Windows Server  
2016

Exam 70-743

Upgrading Your  
Skills to MCSA:  
Windows Server  
2016

OR



Course 20740A

Installation, Storage,  
and Compute with  
Windows Server  
2016

Course 20741A

Networking with  
Windows Server  
2016

Course 20742A

Identity with  
Windows Server  
2016

Course 20743A

Upgrading Your  
Skills to MCSA:  
Windows Server  
2016

# Windows Server 2016 certification path (*continued*)

## MCSE: Cloud Platform and Infrastructure



Exam 70-533

Implementing  
Microsoft Azure  
Infrastructure  
Solutions

OR

Exam 70-744

Securing Windows  
Server 2016

OR

Exam 70-745

Implementing a  
Software-Defined  
DataCenter



Course 20533

Implementing  
Microsoft Azure  
Infrastructure  
Solutions



Course 20744

Securing Windows  
Server 2016



Course 20745

Implementing a  
Software-Defined  
DataCenter

For other options see: <https://www.microsoft.com/en-us/learning/mcse-cloud-platform-infrastructure.aspx>

# WARNING – You may experience UI discrepancies



Given the dynamic nature of Microsoft cloud tools, you may experience Azure user interface (UI) changes that were made following courseware development and that do not match up with lab instructions.

The Microsoft Learning team will document these changes for instructors as they are brought to our attention. However, given the dynamic nature of cloud updates, you may run into changes before we become aware of them.

If this occurs, you will have to adapt to the changes and work through them in the labs as necessary.