

# Introduction to Computer Hardware

## (ความรู้เบื้องต้นเกี่ยวกับคอมพิวเตอร์และฮาร์ดแวร์)

Duration 1 day

### COURSE DESCRIPTION

This course aims to prepare you for a role as an entry-level 'IT Support Specialist'. In this course, you'll learn about the real-world of Information Technology and the different facets of Information Technology (IT), like computer hardware, computer devices, system devices, troubleshooting, and common hardware problems solved. This course covers a wide variety of topics in IT that are designed to give you an overview of what's to come in this course and basic parts of the introduction to personal computer hardware.

### COURSE OBJECTIVES

By the end of this course, you'll be able to:

- Understand how the computer works and the steps to install motherboards and connectors
- Learn how to install and configure system devices, power supplies and cooling, storage devices, system memory and CPUs
- Utilize common problem-solving methodologies and soft skills in an Information Technology setting

### COURSE OUTLINE

#### Module 1: Installing Motherboards and Connectors

- Explain Cable Types and Connectors
- Install and Configure Motherboards
- Explain Legacy Cable Types

#### Module 2: Installing System Devices

- Install and Configure Power Supplies and Cooling
- Select and Install Storage Devices
- Install and Configure System Memory
- Install and Configure CPUs

#### Module 3: Troubleshooting PC Hardware

- Apply Troubleshooting Methodology
- Configure BIOS/UEFI
- Troubleshoot Power and Disk Issues

### WHO SHOULD ATTEND

- IT Career / Technical Support / IT Support
- Anyone interested in learning about computer hardware