

Learning Guide Unit 6

Overview**UNIT 6: Computer Architecture****Topics:**

- Introduction to computer architecture
- Central processing unit (CPU) design
- [Instruction set architecture \(ISA\)](#)
- [Machine Languages](#)
- [Z80 Microprocessor](#) and Interrupts

Learning Objectives:

By the end of this Unit, you will be able to:

- Determine [computer architecture](#) types for specific applications and understand real-world impacts.
- Examine [machine languages](#) for [Z80 microprocessor](#).
- Summarize the importance of [interrupt handling](#).

Tasks:

- Read the Learning Guide and the Reading Assignment
- Complete the [Discussion Forum Assignment](#) by posting in the [Discussion Forum](#)
- Respond to two of your fellow classmates' posts in the Discussion Forum
- Complete and submit the Assignment Activity
- Take and submit the Self-Quiz
- Take and submit the Graded Quiz

