Title of Lab: Assembly Language Programming Lab
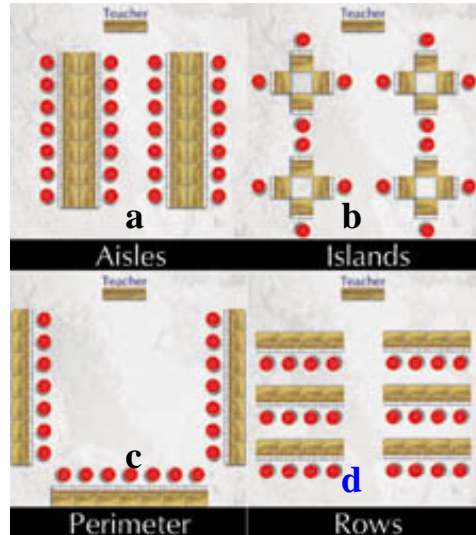
Area/Space Requirements

- Area: ~**64 m^2**
- Capacity
  - (# Students)   **24**
  - Lectern   **1**

Seating Requirement: **d**

Electrical and Internet Cabling System

- Raised floor   **No**
- Static-free floor   **No**
- Cable trough   **No**
- Side wall conduit   **No**

Furniture

- Tables
  - Area (/ student):   **1 m^2**
  - LAN Connectors   **No**
  - USB Connectors   **Yes**
  - Headset Connectors **No**
  - Other Connectors   **N/A**
  - Electrical Outlet   **No**
- Chairs   **Non Swivel**
- Closets   **Yes (Manuals, Storage, Stationary, etc)**

Equipment

- Audio/Visual
  - Ceiling-mounted projector   **Yes**
  - Video Cassette/DVD Player **No**
  - Pull-down screen   **Yes**

- - White Board **Yes**
  - Large-screen monitors **No**
- PC
  - CPU (footprint) **Yes**
  - Keyset and Mouse **Yes**
  - Monitor **Yes**

- Peripherals
  - Scanner **No**
  - Printer **No**
  - Digital Camera **No**
  - Input Microphone **No**

- Software and Equipments

  > **MASM (Macro Assembler, Version 6.11),**
  > **CODE View,**
  > **MS Office**
  > **Various Programming Language Development S/W**
  > **Visual Studio .Net, Fortran/C/C++/…. Compilers**

- Switches **Yes (1)**
- Networking **Networked**
  - Routers **No**
- Security and Safety
  - Surveillance Camera System **Yes**
  - Fire Extinguisher **Yes**
  - Sprinkler System **No**
  - Smoke Detectors **Yes**
- Other
  - Nearby Systems Room **No**
  - In-house technician **No**
  - Additional Hardware **No**