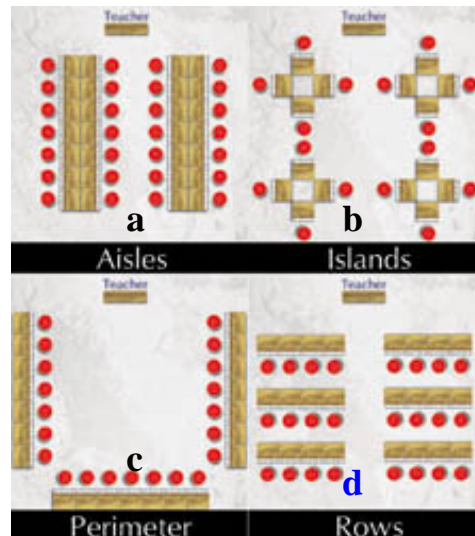


Title of Lab: **Data Communication Lab**

Area/Space Requirements

- Area: ~**82 m²**
- Capacity
 - (# Students) **24**
 - Lectern **1**

Seating Requirement: **d**



This seating is chosen to allow for maximum

Electrical and Internet Cabling System

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

Furniture

- Tables
 - Area (/ student): **1 m²**
 - LAN Connectors **No**
 - USB Connectors **Yes**
 - Headset Connectors **No**
 - Other Connectors **N/A**
 - Electrical Outlet **No**
- Chairs **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**
 - Keyboard and Mouse **Yes**
 - Monitor **Yes**
- Peripherals
 - Scanner **No**
 - Printer **No**
 - Digital Camera **No**
 - Input Microphone **No**
- Software and Equipments

MS Office
Various Programming Language Development S/W
Visual Studio .Net, Fortran/C/C++/.... Compilers

- Switches **Yes (2)**
- 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 **Yes (listed below)**

No. Of Pieces	Equipment
3	Ethernet HUB 8 Post
2	Ethernet Switch
1	Switch 24 Port
2	Hub (Series 500)
4	Switch Hub 24 Port
1	Switch Hub 12 Port 10/100 Catag.