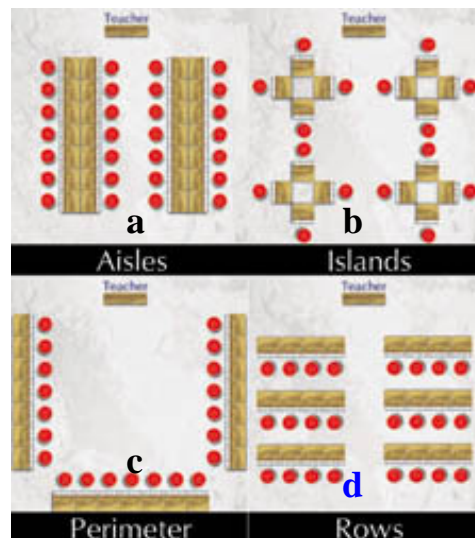


## Title of Lab: **Data Communication Lab**

### Area/Space Requirements

- Area: ~**82 m<sup>2</sup>**
- 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 m<sup>2</sup>**
  - 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)**

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