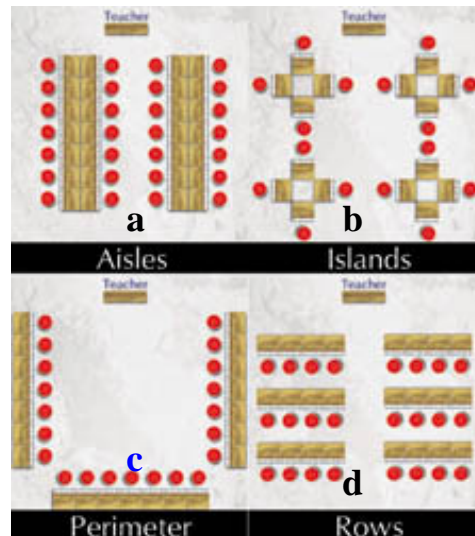


## Title of Lab: Digital Systems Design Lab

### Area/Space Requirements

- Area: ~64 m<sup>2</sup>
- Capacity
  - (# Students) 18
  - Lectern 1

### Seating Requirement: c



### Electrical and Internet Cabling System

- Raised floor Yes
- 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

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

<b>No. Of Pieces</b>	<b>Equipment</b>
<b>9</b>	<b>PC-Interface Kit</b>
<b>1</b>	<b>Frequency Counter</b>
<b>6</b>	<b>Oscilloscope</b>
<b>9</b>	<b>KEPCO Power Supply</b>
<b>1</b>	<b>Soldering Station, Voltage Regulator, Function Generator</b>
<b>6</b>	<b>Logic Analyzer</b>