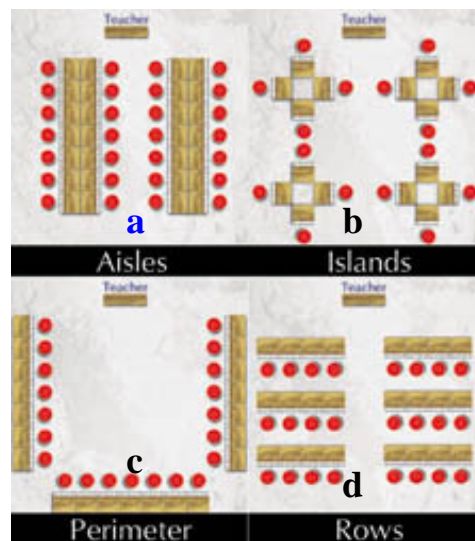


Title of Lab: Logic Design Lab

Area/Space Requirements

- Length: **9 m**
- Width: **7 m**
- Capacity
 - (# Students) **18**
 - Lectern **1**

Seating Requirement: a



Electrical and Internet Cabling System

- Raised floor **Yes**
- 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**
 - Keypad and Mouse **Yes**
 - Monitor **Yes**
- Peripherals
 - Scanner **No**
 - Printer **No**
 - Digital Camera **No**
 - Input Microphone **No**
- Software and Equipments

Software: Xilinx Version 2.1i

- 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 **No Yes**

No. Of Pieces	Equipment
18	Spartan Family FPGA (Series S10PC84)
18	PC with the FPGA board software installed
1	IC tester
4	Wires and wire stripper
5	Oscilloscope
18	Digital Trainer Board