

Title of Lab: Logic Design Lab

Students: 24

No. Of Pieces	Equipment
24	Spartan Family FPGA (Series S10PC84)
24	PC with the FPGA board software installed
6	Oscilloscope
24	Digital Trainer Board
6	Function Generator
6	Multimeter

Title of Lab: Digital Systems Design Lab

Students: 24

No. Of Pieces	Equipment
12	PC-Interface Kit
1	Frequency Counter
6	Oscilloscope
1	IC Tester
8	KEPCO Power Supply
1	Soldering Station, Voltage Regulator, Function Generator
6	Logic Analyzer

Title of Lab: Microprocessor & Interfacing Lab

Students: 24

No. Of Pieces	Equipment
10	Circuit Design Test Systems
10	Oscilloscope
4	Sweep function Generator
4	Triple O/P Power Supply
1	High Speed data POD
7	Logic Analyzer (Series LA3200)

Title of Lab: Senior Design Project Lab

No. Of Pieces	Equipment
2	Oscilloscope (TDS Family)
3	Logic Analyzer
4	Digital Design Board
12	Multimeters
2	Function Generator
2	Digital Counter

Title of Lab: Assembly Language Programming Lab

Title of Lab: Database Lab

2 Server Machines

Title of Lab: Networking Lab & Data Communication Lab

Server (1) [Domain controller & FTP server]

Mount racks for routers & switches (5)

Spectrum Analyzer

Network Analyzer

Traffic Sniffers (Software tools)

Traffic Generators (Software tools)

Routers

IEEE 802.11 g/b WiFi Cards

IEEE 802.11 g/b Wireless Access Point

Serial Cables (10)

Console Cables (5)

Null modem cables (10)

List of Equipment to Procure...

No. Of Pieces	Equipment
10	Circuit Design Test Systems
10	Oscilloscope
4	Sweep function Generator
4	Triple O/P Power Supply
1	High Speed data POD
7	Logic Analyzer (Series LA3200)
24	Spartan Family FPGA (Series S10PC84)
24	PC with the FPGA board software installed
24	Digital Trainer Board
6	Function Generator
12	Multimeter
1	Voltage Regulator
12	PC-Interface Kit
1	Frequency Counter
1	IC Tester
8	KEPCO Power Supply
1	Soldering Station
2	Digital Counter
2	Server Machines
1	Server (Domain Controller and FTP)
5	Mount racks for routers & switches
2	Spectrum Analyzer
2	Network Analyzer
1	Traffic Sniffer (Software tool)
1	Traffic Generators (Software tools)
1	Routers
5	IEEE 802.11 g/b WiFi Cards
2	IEEE 802.11 g/b Wireless Access Point
10	Serial Cables
5	Console Cables
10	Null modem cables