

LAB-2

Computer Networks

(ECSE208L)

Objectives 1: To build the “straight-through” and “crossover” Unshielded Twisted-Pair (UTP) Ethernet network cables.

Objectives 2: Test the cables using cable tester.

Objectives 3: Use the cable to connect two Computers.

- Visually check the LED status lights on the NIC card.
- On both computers, open a command prompt and run the ipconfig command and obtain the IP address of both the computers.
- Run the ‘ping’ command from one of the computers.