

## **Labs For Computer Networking Strand**

1. Install a NIC card in a computer and load an operating system.\*
2. Install a NIC card in a computer with an existing operating system.
3. Construct a straight-through patch cable.
4. Construct a crossover patch cable.
5. Use a crossover patch cable to connect two computers together.
  - Setup sharing between the two computers.
6. Connect two computers together with a hub and two straight-through patch cables.
7. Connect four computers together by connecting the hubs from two lab stations.
8. Install and use winchat.\*\*
9. Install and use winpopup.\*\*

\* Installing an operating system may take considerable time so this lab may not be appropriate for a 45-minute class.

\*\* These labs are optional but the students will have fun with these.