



EXPERIMENT : 1(C.)
TITLE : **TESTING CABLE**
OBJECTIVE : At the end of this of this experiment, student should be able to:
 1. Test the straight and cross cable using PC Multi-Modular Cable Tester And Cable Tester with USB/Firewire
 2. Make the connection between computer-computer and switch computer using the tested cable.
MATERIALS : Straight Cable, cross cable, PC Multi-Modular Cable Tester, Cable Tester with USB/Firewire
THEORY :

PC Multi-Modular Cable Tester	Cable Tester with USB/Firewire
	
<ul style="list-style-type: none"> - Test RJ45, 10 Base-T, Token Ring, RJ11/12 usoc AND Coxial Cables. - Checks continuity, shorted/open wires and crossed wire pairs. - Coaxial cable tested for shorted or open shield as well as center pin conductor breaks. 	<ul style="list-style-type: none"> - This cable tester can test the most used data cables, network cables such as printer cable, monitor cable, modem cable, mouse extension cable, game cables, BNC COAXIAL CABLES, rj45 cables, USB, Firewire et. For open, shorted, miss-wires, continuity and crossed wire pairs.

PROCEDURES:

After making your cables, test them with both cable tester by:

1. Insert the RJ-45 from one end of the cable into the UTP jack on the tester.
2. Turn the dial to test manually and auto detection.
3. Observe and differentiate the output between cross and straight cable from the both tester.
4. Make your conclusion base on the observation.

CROSS CABLE:

Pin (Tx)	Pin (Rx)	Functionality (On/Off)

STRAIGHT CABLE:

Pin (Tx)	Pin (Rx)	Functionality (On/Off)

Print Screen Every Step