Job Description	**Set Up a Simple LAN with Two Workstations and Hardware Installation** Part 1 – Using the correct equipment and safety procedures, the participant will install provided NIC, install NIC drivers, PING loopback, leave command line open for evaluator, and notify evaluator when finished. Part 2 – The participant will connect the workstation, assign a private class C address and subnet mask, record information, verify IP connectivity, verify that network created is correctly set up, leave the IP connectivity results on screen, and notify evaluator when finished.
Administration Time	1 hour
Equipment, Supplies, or Materials Required	• Two PC workstations, with networkable operating systems, labeled Kiosk #1 and Workstation #X, with field-replaceable unit (FRU) NICs • One standby unit for every 2 participants (in case of test unit failure) • The NIC in Kiosk #1 is correctly configured • The NIC in Workstation #X needs to be non-functioning • Copies of the proper NIC drivers • Two (correctly terminated) Cat-5 or newer straight-through cables • An Ethernet switch/router with minimum number of ports to support the participants (at 4- or 8-port) with appropriate AC adaptor • NIC Adapter (PCI or PCI-E) • Workstations booted, ready, and logged on with administrative access • Screwdriver • ESD safety strap or mat • Nitrile or latex gloves • LAN cables • Writing utensils • Paper