MTRN3500: Remote Desktop Access Instructions

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Connecting to UNSW VPN

1. Follow these instructions here to establish a VPN connection with the UNSW network: **https://www.myit.unsw.edu.au/services/students/remote-access-vpn**
2. Use the following VPN name when you are ready to connect (See Fig.1): **vpn.unsw.edu.au/feng**
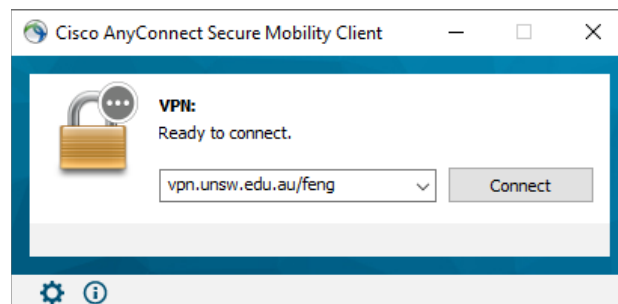3. Use your zID and Zpass when prompted.

Figure 1: Cisco Anyconnect Interface

Access MTRN3500 Laboratory PCs via MyAccess

1. Visit https://www.myaccess.unsw.edu.au/
2. Install Citrix Receiver (Step 1 in the link. See Fig.2) if you are accessing this service for the first time.
3. Click on 'Access Your Applications' (See Fig.2).
4. Click on the 'Desktops' icon on the top ribbon (See Fig.3).
5. Select 'MEC-MTRN-J18-LAB204' (See Fig.4).

You would be redirected to one of the laboratory PCs in this cluster. Now you work on the lab experiments remotely.

Important notes:

1. Please log-in only during your assigned lab times.

2. After-hours access (outside the times assigned for MTRN3500 lab-sessions) is provided on first come first serve basis.
3. You will be automatically logged out 1 hour after logging in, without any warning. So, keep an eye on the time, and save your work regularly.
4. Since you will be randomly assigned to a computer in the cluster, always use your student H:/ drive to save/manage your work.
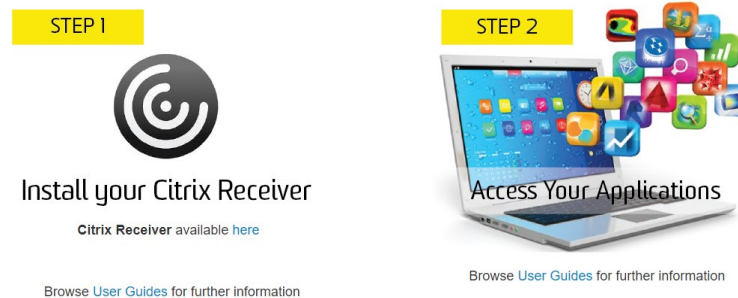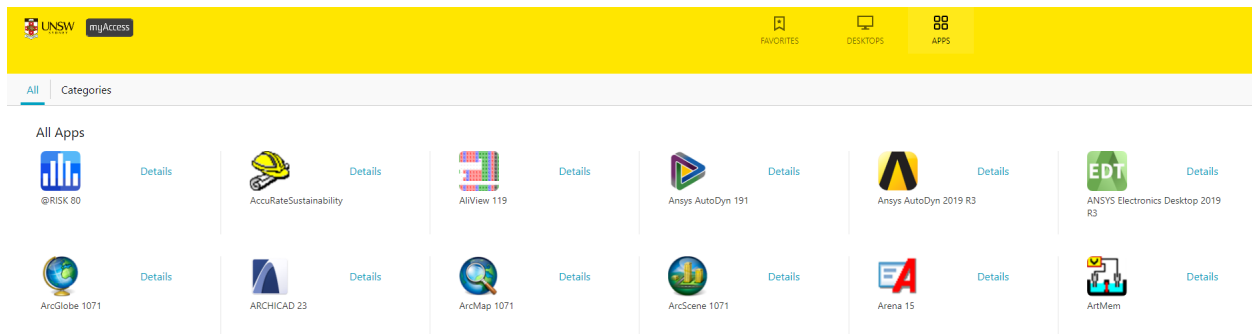

Figure 2: Steps required for MyAccess Connection
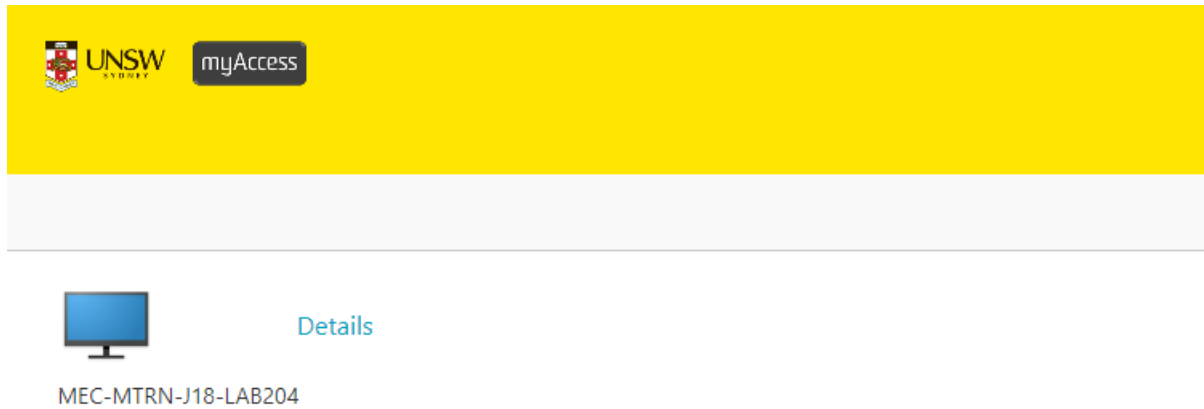

Figure 3: MyAccess Interface

Figure 4: MEC-MTRN-J18-LAB204 Cluster

Remote Desktop Instructions for Assignment-1

Please refer to Assignment-1 instructions.

Remote Desktop Instructions for Assignment-2

Assignment-2 requires you to connect to a robot platform, referred to as the Weeder, and work with the sensors attached to the robot. To do this, you must first connect to a wireless LAN in the lab, and then establish connection with the Weeder's on-board computer. The instructions are as follows:

1. Connect to one of the remote PCs via MyAccess.
2. Click on the Network icon on the bottom right corner of the remote desktop and connect to **MTRN-WAP1** or **MTRN-WAP1-5G** wireless network. Use the password **MTRN1234** (See Fig.5)
3. Once connected to the network, open command prompt. Type the command ipconfig which will display current network information (See Fig.6). Here, **Wireless LAN Adapter Wi-fi** section should be populated with an IPv4 address of **192.168.1.xxx**
4. Next type: **ping 192.168.1.200 (See Fig.7).** 192.168.1.200 is the IP address of the Weeder's on-board computer. A reply from the destination means that you have successfully connected to the robot. You can now continue working on Assignment-2.
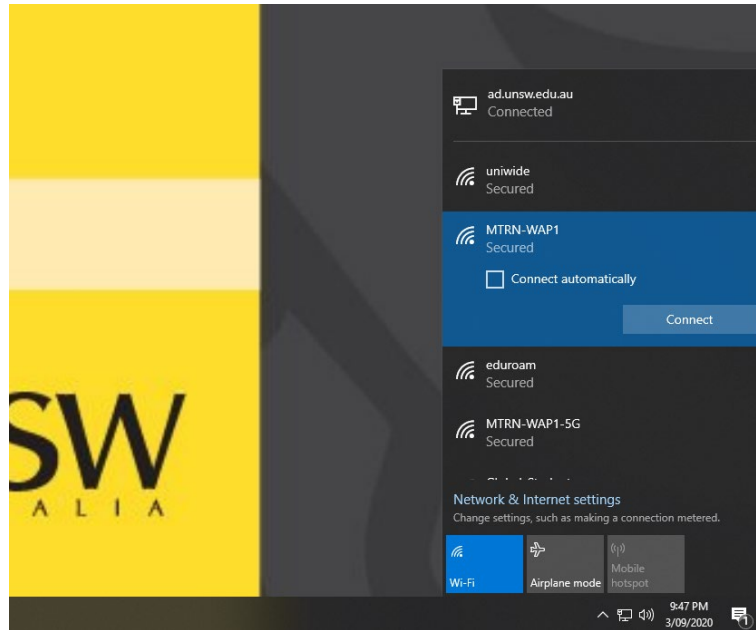
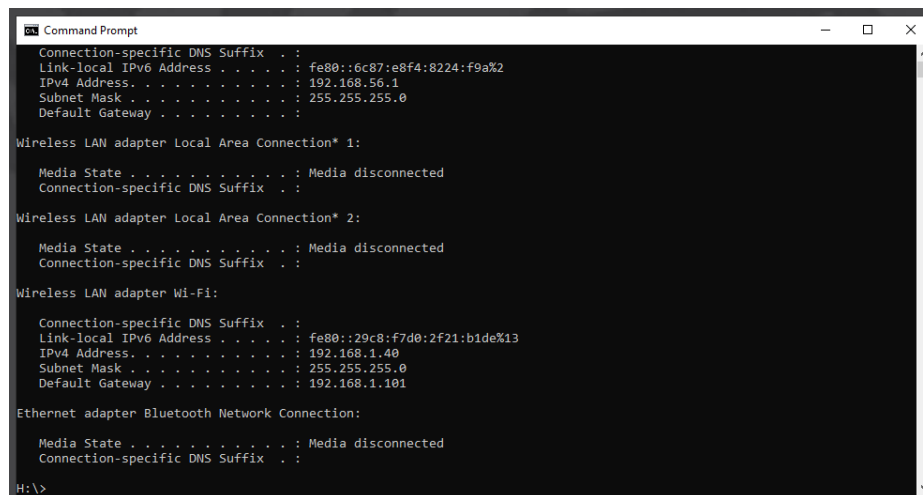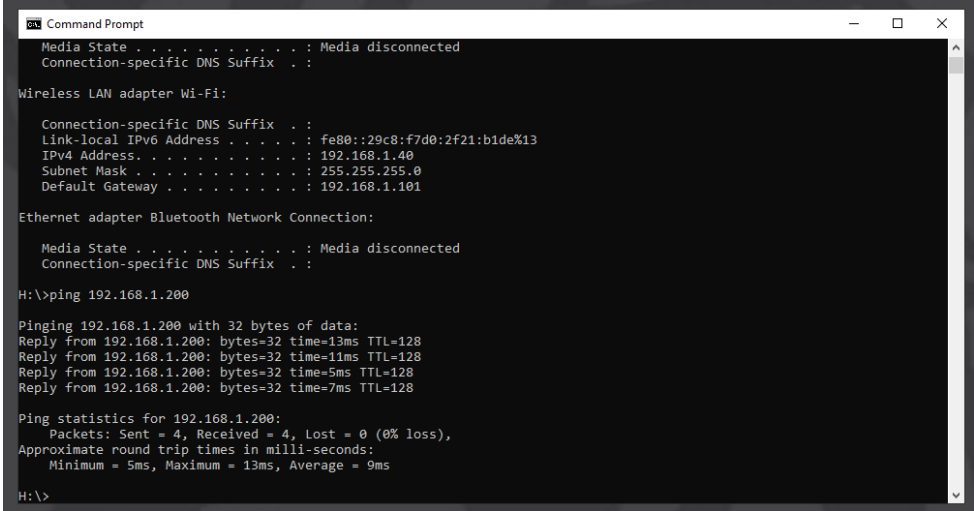*Figure 5: Connecting to the Wireless LAN.*

Figure 6: Check successful connection to the network.

Figure 7: Ping the destination to ensure connection to robot.