

# Quick Reference Sheet – Virtual CyBot & PuTTY

CPRE 288

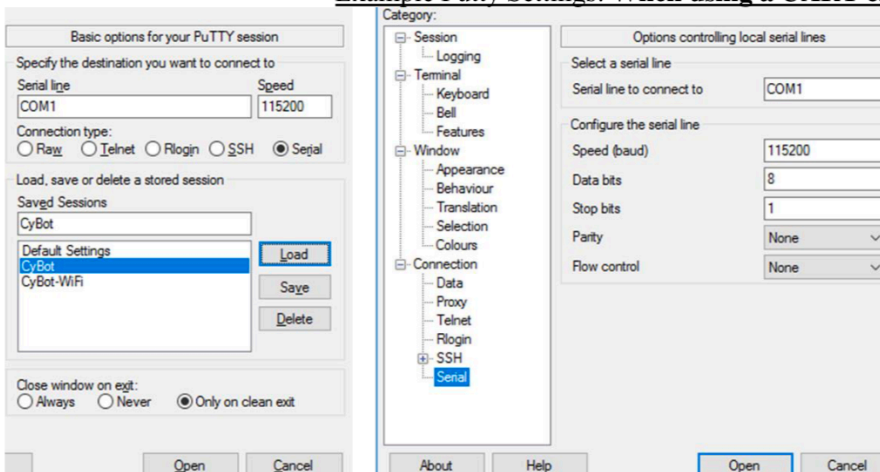
For the virtual CyBot, you must set up PuTTY to communicate using WiFi (i.e., WiFi to UART communication)

The PuTTY application on the lab PC is used to communicate with the virtual CyBot, transmitting messages between the user on the lab PC and the CyBot. This is how you as a user communicates with the CyBot.

Communication is implemented over WiFi. On the lab PC end, PuTTY is configured for a network connection. On the CyBot end, a UART on the microcontroller is used to send and receive information over this network connection.

Two configurations are shown below: 1) using a UART cable and 2) using WiFi. For the virtual CyBot, you must use the second configuration and set up PuTTY using WiFi to UART communication.

## Example Putty Settings: When using a UART cable



UART cable

## Example Putty Settings: WiFi to UART communication

