**Software Installation**

Today you need to install two programs that we will use extensively during the course. Wireshark is a program that will allow us to capture and analyze network traffic. Packet Tracer is a program that will let us build and test networks using a simulator. You don’t need to understand these programs at this time but you do need to install and launch them.

**Wireshark**

1. Download Wireshark from <https://www.wireshark.org/> for the latest version.
2. This is the 64-bit version of the install file. If you need the 32-bit version then you’ll need to get it from <http://www.wireshark.org/download.html>
3. Install using the default settings. If you want you can choose to create a “Desktop Icon”.
4. You will probably need to install Npcap as part of the installation. The Wireshark installation program will offer to do this for you. You must install Npcap or Wireshark will not run. When prompted to install Npcap, click the install button.
5. Leave the setting “Automatically start the Npcap driver at boot time” selected.
6. When the installation is complete, “Run Wireshark” to ensure it is working.

**Packet Tracer**

1. Download Packet Tracer from [www.netacad.com](http://www.netacad.com) for the latest version.
2. Install using the default installation settings.
3. You may be prompted to allow Packet Access through the Windows Firewall, this should be permitted.