i341 Lab-3: *TCP/IP packet capture (will do as demo)*

Lab Exercise – **Class will do a live capture of TCP/IP packets, then decode and analyze the packets to point out important fields related to course content and material.**

Deliverable: **email (to Canvas site) lab write-up detailing your explanation of the lab, on TCP/IP packets, and how Wireshark (or any protocol analyzer) was able to show:**

How/where does one find TCP/IP packets on the LAN ?   *20%*

TCP sequence numbers and ack's   (why are they important ?)   *20%*

How UDP differs from TCP   *20%*

What do TCP/UDP ports indicate ?   *20%*

Describe how a device ARP's, when/why   *20%*

Students are welcome to use their own devices to capture on their own (not connected to demo net I will have), simply turning on wireshark before initiating any TCP/IP connection.