

ECE361 - Computer Networks

Wireshark Labs

Each group will submit five Wireshark assignments throughout the semester. Each report has a total of 1 mark, which adds up to 5 marks for the whole set of Wireshark assignments.

An introduction to Wireshark will be given during the first week of Lab sessions (see course handout for the schedule). Students are required to install Wireshark on their own computers and measure the traffic and write a report about the experiment. The questionnaire for each Wireshark assignment will be posted on the course website. Students can print the questionnaire and fill out the blanks and submit their report along with a print out of their Wireshark trace.

Marking: The TAs will use the submitted trace to mark the reports. If the traces are not submitted, ½ mark will be deducted even if the questionnaire is answered correctly. Please print only the relevant traces and **do not** print the packet-contents window that displays content in ASCII and hexadecimal format.

Note: All files submitted must be in pdf format.

The following table lists a tentative set of the protocols that will be studied. **Please note that this list might change to synchronize them with the course coverage.**

Assignment	Wireshark	Data	Deadline
1	HTTP	08-Oct.-2021	5:00 pm
2	UDP	15-Oct.-2021	5:00 pm
3	TCP	05-Nov.-2021	5:00 pm
4	IP	19-Nov.-2021	5:00 pm
5	Ethernet and ARP	03-Dec.-2021	5:00 pm

- All reports are to be submitted online.
- Each lab group consist of two students per group.
- Each group submits one report.