**Project 1: Information Assurance and Security**

**Laboratory for the project** – PLab: Information Assurance and Security Education on Portable Labs

* Webpage of PLab: <https://sites.google.com/site/iasoncs/home/network-security>

1. **Pre-Lab Activities:**
   1. Install and run traffic dump
   2. Install Wireshark
2. **Lab Experiments:**
   1. IP packets - must
   2. IP routing - optional
   3. IP spoofing (android, see separated guideline ) - must
   4. TCP SYN Flood – optional

**Requirement of the project report:**

For each Lab experiment:

1. Describe the purpose of each experiment
2. Attach the running page of the experiment
3. Observation from the results to match the purpose of the experiment you described.

Also, submit the post-survey.