Programing Assignments

1. Typically three to four programming assignments.

2. You are expected to write programs and/or perform experiments which relate to security related incidents. Experiments to be carried out on Deterlab platform.

3. Each assignment carries 100 points.

4. Submission instructions will be provided in the experiments itself.

5. Submit via Canvas

6. Late penalty: 50%

7. Questions and Problems will be addressed at: mukherje@cs.colostate.edu or cs356@cs.colostate.edu or during my office hours.
Why Deter?
- Performing computer security experiments on our department machines/your personal machine can be risky.
- We do not always have the necessary privileges (example 'sudo').

What is Deter?
- Its a sand-boxed experimental structure which allows you to perform security critical experiments.
- You are allotted a set of nodes and necessary privileges on them.

How to use Deter?
- You will have deter accounts created for you.
- You will receive emails from Deter. Please respond to the email and make requested changes.
- To start an experiment
  - Log into www.isi.detelab.net
  - Create/Resume an Experiment
  - ssh into the Deter “control server” named “users.deterlab.net”.
  - Once validated, you have access to all your experiment nodes. Ssh into them and perform your experiments.