

**CS 6393 SPRING 2013
PROF. RAVI SANDHU
EXAMINATION 1
DUE MONDAY MARCH 25, 2013 BY 12:00 NOON**

- Each examination is to be solved by students individually. Students can access whatever material they choose but cannot discuss with other students or colleagues.
- It is highly unlikely that web browsing will help with the solution. Anything you find on the web may well be wrong. Spend the time and effort thinking. Don't waste your time browsing.
- Each solution must be within the length limits provided.
- For questions addressing a specific paper or article please answer based on the provided paper or article. There is no extra credit for going beyond these papers in your answers.
- Solutions are to be submitted by email in pdf to ravi.cs6393@gmail.com.
- Text must be typed. Hand drawn figures are acceptable if appropriate but must be scanned and incorporated in submitted pdf. Figures must fit within the specified size limit for the entire answer. Scanning can be done using ICS scanner during normal business hours (bring a USB flash drive to store the scan). Figures can be submitted on separate pages if you are unable to incorporate in a pdf page, but will be counted for overall length allowance.
- I am not looking for a specific or "correct" answer. I am looking for demonstration that you can think through the question and answer it coherently based on my lectures and supporting material.
- If you have doubts about the meaning of any of the questions, note that in your answer and explain how you understood the question.
- Discussion and mention of irrelevant issues will be penalized.
- Use of incorrect and sloppy English will be penalized.

**Answer all questions. All questions have equal weight.
All questions have max ½ page allowance for answer in 11 point font single space.**

Each solution must be accompanied by the following statement:

I have not taken any help on this examination from anybody and have not given any help to anybody.

1. Write a review of the provided scale paper. Your review should identify 2 specific points where you consider the paper to be strong and 2 where you consider the paper to be weak.
2. Read the provided credit card fraud notice. Provide arguments in support of and against the proposition that this fraud is an example of cybercrime and can be addressed using cyber security techniques.
3. Read pages 21-27 of the provided NIST strategy report (and whatever else of the report you need to read to understand this section). Discuss whether this vision is (i) appropriate and (ii) feasible.
4. Read the provided trust paper. Summarize the main points made by the authors. Discuss whether these points are significant for the future of cyber security.