CMPS 5363 – Cybersecurity Essay Assignment
Monday, March 6, midnight – TurnItIn.com
Tuesday, March 7 – hard copy at class time

This is the first of 3 major essay assignments (5% of grade).

Step 1: Find an article related to some actual cybersecurity attack: hacking, malware, social engineering, etc. Bring copy of article, containing the source or URL, to Dr. Halverson for approval. ~ You are allowed to use more than one source to obtain complete information on your topic as necessary to complete the essay content described below, but only once article is necessary for approval.

Step 2: Write the essay based on the content & formatting instructions below, using MS Word features to make grammar, spelling corrections as much as possible.

Step 3: Submit through TurnItIn.com. (Assignment Name = “Essay 1.”) As before, you can submit as often as you like before the deadline. Email me for GradeMarks release.

Formatting: Formatting must conform to the requirements specified in the 2 documents posted on the course web site. ~ You must include a bibliography of at least 2 sources (not included in length of paper) and citations as necessary. This link below to the CS web site provides information on the correct usage of references & citations. You MUST include the URL at the end of the reference information for any online source. The other information, as shown at this link, is also required for each article. [http://cs.mwsu.edu/documents/GraduatePaperFormat.pdf](http://cs.mwsu.edu/documents/GraduatePaperFormat.pdf)

Content: Write an essay of length at least 1 full page but no more than 2 pages. Describe/Discuss the incident including at least the following information:

- Who was attacked? When?
- How did the attacker “get in”? What vulnerabilities were exploited?
- How long did the attack last? How long before discovered?
- What was the “damage”? Include CIA!
- How was recovery made? What were repercussions following recovery?
- Who was the attacker?
- What lessons can we learn from this incident? ~ This question is to be answered in a separate paragraph in your own words & opinions ONLY and based on our various discussions in the class.

Some of the above information may not be available but you MUST acknowledge it in your essay.

Your essay must include at least 15 DIFFERENT terms from the vocabulary lists from Cybersecurity & Cyberwar Parts 1 & 2 and major cybersecurity terminology from the Stallings book chapters 1 & 19 (including the ethics section). You may use terms multiple times, but each term will be counted/highlighted only once. On the hard copy you turn in, you must Highlight the Terms in Yellow. (You can do this is WORD or by-hand.) Each distinct term is to be highlighted ONLY once.