**CIS 5600: Information Security Management**

Lab 2: Security Cyber Awareness, Cryptography, and Risk Management

<Your name or Team Name>

**Document:**

Part 1:

* Install GPG4Win, review the documentation, examples, and perhaps check out some YouTube videos that describe how to use GPG4Win.
* Create a public key and send to me (class instructor) via email at least 3 days before the submission is due. Once I have your public key, I will email your team my public key and an encrypted message that you must decrypt using GPG4Win and public keys.
* Copy and paste my unencrypted message into your lab submission.
* Write a 1-2 page (single-spaced) summary describing your lessons learned about cryptography and use of the GPG4Win tool.

**<Unencrypted message goes here…>**

**<1-2 paged summary goes here…>**

Part 2:

* Review the U.S. Government’s GAO Risk Assessment Report and Risk Management Case Studies Report.
* Choose a case study in the second report and write a 2-3 page (single-spaced) summary of your review. Describe the issues and risks identified, the assessment, impacts, and lessons learned.
* Go to the following Microsoft link: “[Microsoft Security Assessment Tool](http://www.microsoft.com/en-us/download/details.aspx?id=12273)”
* Download this program and install it on your computer. Use some simple cases to carry out a business risk profile assessment. Describe your assessment in a 1 page summary (you may include screen shots, challenges, lessons learned, etc.)

**<2-3 paged summary of reports go here…>**

**<1 paged summary of tool assessment goes here…>**

Part 3:

* Go to the following U.S. Department of Defense (DoD) Information Systems Agency web link:
  + [**http://iase.disa.mil/eta/Pages/index.aspx**](http://iase.disa.mil/eta/Pages/index.aspx)
* Click on the ***Cyber Awareness Challenge*** training module and complete the training.
* At the end of the training module, you will be asked to enter your name for a certificate of completion. Please enter your name and either print and scan your certificate, or take a screen shot of the certificate.
* Paste or embed the scanned certificate onto a MS Word document and submit as part of the assignment package. Each team member should have a certificate of completion.

**<Attach/paste images of certificates (for each member) here…>**

**References (optional)**

<Any additional references you use (either for background information or for citation) should be listed here, using the APA style>