

Network Security  
CSIS 441  
Lab 06

Name \_\_\_\_\_

- Please upload your answers to the appropriate D2L folder.
- All the requirements for a section must be satisfactory completed for credit.
- The lab must be completed before the due date and time.
- Contact your instructor with your questions about the assignments.
- The student must insure all the answers are free from any malware.
- The student must insure all answers are legal as defined by the class syllabus.

**Lab06 – Advance Cryptography**

- 6.1.** This section is two parts. All answers must be in pdf file format. You will upload to the appropriate drop box.
- 6.1.1.** Send a plain text email to your instructor requesting a plain text response with your instructor's digital signature.
- 6.1.2.** Provide evidence of correctly verify your instructor's digital signature.
- 6.2.** This section is two parts. All answers must be in pdf file format. You will upload to the appropriate drop box.
- 6.2.1.** Successfully send and encrypt an email to your instructor. In this email request your instructor to encrypt a reply using your public key on the class key server.
- 6.2.2.** Provide the successfully decrypted response.
- 6.3.** This section is two parts. All answers must be in pdf file format. You will upload to the appropriate drop box.
- 6.3.1.** Provide a comprehensive list of digital certificates considered authoritative by your operating system or a browser.
- 6.3.2.** Create a document explaining how to add and delete a digital certificate to the list you provided. Remember to cite any sources of information you use.
- 6.4.** This section is two parts. All answers must be in pdf file format. You will upload to the appropriate drop box.
- 6.4.1.** One section is providing evidence of successful installation of a steganography program. Include the **software name, URL, and entire EULA of the program** and on a separate page copy the sentences(s) that give you permission to install the program.
- 6.4.2.** One section is providing step by step directions to hid and encrypt a file using the steganography program. Include another set of direction to retrieve a file encrypted and hidden by the steganography program.