

Fundamentals of Information Technology Security
CSEC 1110
Lab 01

- 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.
- All parts of your answers must be neat and easy to read.
- Paragraphs are at least four properly constructed English sentences.
- Embedding documents within documents does not work with the D2L Bright Space assignments.
- Plagiarism will not be tolerated.
- Unless noted, all lab sections must be done as unprivileged login.

Lab01: Controlling a Computer

- 1.1. Upload each section answer to the D2L Bright Space Assignment section 1.1 before the due date found in the 1122a.pdf document.
 - 1.1.1. Submit a Portable Document Format (PDF) or text file of your instructor's response to your email from your college email account. It is optional to request a digitally signed response. [8 points]
 - 1.1.2. This section is one document. Submit a Portable Document Format (PDF) or word processing file of your posting to this class "General Class Discussion" group on D2L Bright Space Discussion area. The submission must include your name, posting message and discussion group name. [8 points]
 - 1.1.3. This section is one audio file. Submit an audio file with the correct pronunciation of your name as it appears on the official college records. [8 points]
 - 1.1.3.1. You may include the correct pronunciation of any alternative names you use.
 - 1.1.3.2. The audio file type must be available in the current VLC player.
 - 1.1.3.3. The audio file may not be embedded in another document.
 - 1.1.3.4. The audio file extension *.xspf is a problem.
 - 1.1.4. Identify if an AI type program was used to complete this lab section. If an AI program is used, identify the AI system used. [1 point]
- 1.2. Upload each section answer to the D2L Bright Space Assignment section 1.2 before the due date found in the csec1110a.pdf document. Submit a Portable Document Format (PDF) or word processing file containing your answers.
 - 1.2.1. Select a CIS Benchmark from the Center for Internet Security (<https://www.cisecurity.org>) [6 points]
 - 1.2.2. Identify the hostname, IP addresses, and MAC addresses of the host. Each student must use a different host. [6 points]
 - 1.2.3. Create a list of all the selected CIS Benchmark settings. Identify if the selected host follows each CIS Benchmark setting. [6 points]
 - 1.2.4. Identify at least five CIS Benchmark settings you modified on the host to comply with CIS Benchmarks. Provide evidence each setting is changed on the host identified. [6 points]
 - 1.2.5. Identify if an AI type program was used to complete this lab section. If an AI program is used, identify the AI system used. [1 point]
- 1.3. Upload each section answer to the D2L Bright Space Assignment section 1.3 before the due date found in the csec1110a.pdf document. Submit a Portable Document Format (PDF) or word processing file containing your answers.
 - 1.3.1. Provide the URL and a complete readable copy(s) of the Acceptable Use Policy for the college. This is one document. [12 points]
 - 1.3.2. The second document contains the following. [12 points]
 - 1.3.2.1. Provide a listing of "common or likely" student activity that is a violation of the Acceptable Use Policy. Please label your answer. You may not use the AUP wording.
 - 1.3.2.2. Copy subsection with the exact wording from the Acceptable Use Policy that forbids the activity. Please label your answer.
 - 1.3.2.3. Identify all the possible punishments for the activity listed in the Acceptable Use Policy. Please label your answer.
 - 1.3.3. Identify if an AI type program was used to complete this lab section. If an AI program is used, identify the AI system used. [1 point]
- 1.4. Upload each section answer to the D2L Bright Space Assignment section 1.4 before the due date found in the csec1110a.pdf document. Submit a Portable Document Format (PDF) or word processing file containing your answers.
 - 1.4.1. Document the permission settings for all your homework files for this semester. [4 points]

- 1.4.2. Provide the systematic documentation for how and when to back up your homework files. [5 points]
- 1.4.3. Provide the systematic documentation for how to restore your homework files and permissions. [5 points]
- 1.4.4. Provide evidence of your most recent backup with date and time of completion. [5 points]
- 1.4.5. Explain how your backup defends against cryptolocker type attacks. [5 points]
- 1.4.6. Identify if an AI type program was used to complete this lab section. If an AI program is used, identify the AI system used. [1 point]