

System Maintenance  
CPTR 1122  
Lab 04

- 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.

**Lab04: Chapter 6: Memory**

- 4.1. Each part is worth twelve points for a maximum of twenty-five points. Upload your document to the D2L Bright Space Assignment section 4.1 before the due date found in the 1122a.pdf document.
  - 4.1.1. Select a working lab or similar computer to gather the following information.
    - 4.1.1.1. The computer manufacturer, model, and serial number
    - 4.1.1.2. The amount of RAM, RAM type, and RAM speed.
- 4.2. This section is one video. The video must be viewable by the current version of VLC. Upload your answer(s) to the D2L Bright Space Assignment section 4.2 before the due date found in the 1122a.pdf document.
  - 4.2.1. Upload a short video showing the following.
    - 4.2.1.1. Demonstration of proper ESD protection
    - 4.2.1.2. Demonstrate proper screw and other parts management
    - 4.2.1.3. Identify the CPU location and the type of expansion slots.
    - 4.2.1.4. Removal of all RAM and reinserting all RAM
    - 4.2.1.5. Demonstration the system works properly.
  - 4.2.2. The video must include the face of the single individual getting lab section credit. Multiple faces will result in no credit for any individuals.
- 4.3. Each part is worth six points for a maximum of twenty-five points. Upload your document to the D2L Bright Space Assignment section 4.3 before the due date found in the 1122a.pdf document.
  - 4.3.1. Create a list of at least five different Linux distributions.
  - 4.3.2. Identify an optimal use for each Linux distribution listed and your source of information.
  - 4.3.3. Identify a version of Windows to add to the list, provide an optimal use for Windows and your source of information.
  - 4.3.4. Identify a version of Macintosh iOS to add to the list, provide an optimal use for Macintosh iOS and your source of information.
- 4.4. Each part is worth four points for a maximum of twenty-five points. Upload your document to the D2L Bright Space Assignment section 4.4 before the due date found in the 1122a.pdf document.
  - 4.4.1. Document completion of "Lesson 2, The Lights Go Down"
    - 4.4.1.1. Provide a copy of the source code is the lowest value you are able see.
    - 4.4.1.2. Provide a copy of the source code that includes the code purpose, sources of help, author name, and creation date.
    - 4.4.1.3. Provide a copy of the source code that includes the code purpose, sources of help, author name, creation date, and a modification. Identify the modification.
    - 4.4.1.4. Provide an estimate of how long you spent working on this lab section.