- 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.

Lab07: Chapter 11: Video Hardware

7.1. Upload your document to the D2L Bright Space Assignment section 7.1 before the due date found in the 1122a.pdf document.
   7.1.1. Select a working lab or similar computer to gather the following information. [12 points]
      7.1.1.1. The computer manufacturer, model, and serial number in a text file.
      7.1.1.2. The video driver make and version information in a text file.
      7.1.1.3. A jpeg picture of the video connection.
   7.1.2. Use the class Linux virtual machine or approved virtual machine for the following. [12 points]
      7.1.2.1. The computer manufacturer, model, and serial number in a text file.
      7.1.2.2. The video driver make and version information in a text file.
      7.1.2.3. A jpeg picture of the video connection.
   7.1.3. 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]

7.2. Upload your document to the D2L Bright Space Assignment section 7.2 before the due date found in the 1122a.pdf document.
   7.2.1. Select a working lab or similar computer to gather the following information. [24 points]
      7.2.1.1. The computer manufacturer, model, and serial number in a text file.
      7.2.1.2. Provide information from the operation system a second monitor is connected in a text file.
      7.2.1.3. Provide the resolution of all connected monitors in a text file.
      7.2.1.4. A jpeg picture of both monitors are connected..
   7.2.2. 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]

7.3. Upload your answer(s) to the D2L Bright Space Assignment section 7.3 before the due date found in the 1122a.pdf document.
   7.3.1. Select a working lab or similar computer to gather the following information. [12 points]
      7.3.1.1. The computer manufacturer, model, and serial number in a PDF file.
      7.3.1.2. Provide the power settings in a PDF file.
      7.3.1.3. Provide the screen timeout settings in a PDF file.
      7.3.1.4. Provide the URL of a site discussing screen timeout settings for this system in a PDF file.
   7.3.2. Use the class Linux virtual machine or approved virtual machine for the following. [12 points]
      7.3.2.1. The computer manufacturer, model, and serial number in a PDF file.
      7.3.2.2. Provide the power settings in a PDF file.
      7.3.2.3. Provide the screen timeout settings in a PDF file.
      7.3.2.4. Provide the URL of a site discussing screen timeout settings for this system in a PDF file.
   7.3.3. 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]

7.4. Upload your document to the D2L Bright Space Assignment section 7.4 before the due date found in the 1122a.pdf document.
   7.4.1. Document completion of "Lesson 5: Making an Light Induct LED."
      7.4.1.1. Provide a copy of the source code in a text file that includes the following. [8 points]
         7.4.1.1.1. The purpose of the code.
         7.4.1.1.2. All sources of help with the code.
         7.4.1.1.3. Your name and code creation date.
         7.4.1.1.4. The complete source code according with the lab instructions.
      7.4.1.2. Provide a copy of the source code in a text file that includes the following. [8 points]
         7.4.1.2.1. The purpose of the code.

7.4.1.2.2.   All sources of help with the code.

7.4.1.2.3.   Your name and code creation date.

7.4.1.2.4.   The complete source code with a modification you made. Identify the modification.

7.4.1.2.5.   Identify if your modification did or did not work. Explain what did happen.

7.4.1.3.   Provide a copy of serial plotter during both source code version in a PDF file. [8 points]

7.4.2. 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]