Activity #2: Networking

Purpose:

Develop a better understanding of the OSI model and its layers.

Pre-Lab:

Read “[Getting to Know the OSI Model for the CCNA Exam](https://www.dummies.com/programming/certification/getting-to-know-the-osi-model-for-the-ccna-exam/)”  
Read Chapter 2.2: OSI Layers of “[Guide to OSI and TCP/IP models](https://senecacollege-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=01SENC_ALMA5146910150003226&context=L&vid=01SENC&search_scope=default_scope&tab=default_tab&lang=en_US)”.  
Watch Video “[OSI Model](https://www.lynda.com/IT-Infrastructure-tutorials/OSI-model/740413/753483-4.html?org=senecacollege.ca/old)”

Activity:

1. List and explain the benefits of the OSI model **[10 marks]**
2. Define each layer of the OSI model **[28 marks]**
   1. Include the “Protocol Data Unit” associated with each layer
   2. Provide examples of protocols for each layer
   3. Provide examples of devices for each layer (if applicable)
3. Prepare information in a report format **[5 marks]**
   1. Include title page, table of contents, recommendation(s), conclusion, reference(s)

Submission Instructions:

* Submit a report (PDF) via Blackboard

Grade Weight:

43 marks [3% of Final Grade]