Each week’s lesson is to be completed by students on their own. Each lesson comes with one or more required tasks; these need to be demonstrated (live) to the instructor on or before the indicated deadline.

This document will be updated as the course progresses.

   
   (a) (5 pts) Interact with a Meterpreter shell on a remote system.
   
   (b) (5 pts) Show the results of a successful nmap scan that includes operating system and service version information for at least five hosts.

   
   (a) (4 pts) Demonstrate a functioning BIND master server by performing nslookup on both a name and an address from another system.
   
   (b) (3 pts) Demonstrate a functioning BINS slave server by performing nslookup on both a name and an address from another system.
   
   (c) (3 pts) Perform a zone transfer from the master to the slave. Show that a zone transfer to another system fails.

   
   (a) (6 pts) Show a windows system and a Linux system connected to a domain controller.
   
   (b) (4 pts) Show a windows system where a member of the sales OU cannot change the screen saver because of group policy.

   
   (a) (3 pts) Write a message to a Linux log; show it appear.
   
   (b) (3 pts) Create a file that, when changed, will result in entries in the Windows security log. Demonstrate.
   
   (c) (4 pts) Show off a functioning Splunk server, collecting data from at least one Windows and at least one Linux host.