Module 1: Assignment

1-1: Personal Attack Experiences

- What type of computer attack have you (or a friend or another student) experienced?
- When did it happen? What type of computer or device was involved?
- What type of damage did it inflict?
- What had to be done to clean up following the attack?
- How was the computer fixed after the attack?
- What could have prevented it?
- What could have prevented it?
- List the reason or reasons you think that the attack was successful.

Write a one-page paper about these experiences.

1-2: Security Podcasts or Video Series

Many security vendors and security researchers now post weekly audio podcasts or video series on YouTube on security topics. Locate two different podcasts and two different video series about computer security. Listen and view one episode of each.

- Write a summary of what was discussed and a critique of the podcasts and videos.
- Were they beneficial to you?
- Were they accurate?
- Would you recommend them to someone else?

Write a one-page paper on your research.

1-3: Phishing Simulators

Search the Internet for three different phishing simulators. Take the phishing challenge on each simulator to determine if you can identify the phishing attacks.

- Create a table that lists the features of the phishing simulators, their ease of use, and how accurate you think they were.
- Would these simulators be helpful in training users about phishing?

Write a one-paragraph summary along with your table.

Module 2: Assignment

2-1: False Positives and False negatives

Use the Internet to research false positives and false negatives.

- Which is worse?
- If a doctor gives information to a patient about the results of a diagnostic test, is a false positive or a false negative worse?
- What about facial recognition scanning for a criminal?
- Which is worse for a vulnerability scan, a false positive or a false negative?

Write a one-page paper on your findings and analysis.

2-2: Pen Test Products

Use the Internet to research pen test scanners.

- Select three scanners and create a table that compares their features.
- Be sure to include such elements as to how often they are updated, the systems they run on, and available tools.

Based on your analysis, which would you recommend? Why?

2-3: Vulnerability scanners

Search the Internet for information on Nessus. Then search for two other vulnerability scanners.

- *Create a table that compares their features. Which would you choose? And why?*