**Module 1 - Case**

**INTRO TO CYBERSECURITY AND TECHNOLOGY**

**Case Assignment**

With computers and smart phones everywhere and connected, cyber continues to be an important part of private, public, and commercial concern.  Everything reachable through the Internet can be considered at risk.  As the computer age came about, so did the importance of cybersecurity.  Since nearly every system is now connected to the Internet, so has the vulnerability for cybercrimes.  Technology innovation has resulted in improved tech devices, data, and mobile services.  These new services collect and analyze huge amounts of information from private and proprietary information to company secrets.  The continuation of the technology improvements creates a continued challenge to defend against hackers and thieves.

For this case, answer the following:

1. Define cybersecurity.

2. Explain the different categories of basic cyber threats to a system.

3. Identify and discuss the actors, targets, methods, and impacts involved in cyber-attacks.

**Assignment Expectations**

Assignments should be 4-5 full pages, double-spaced, not counting the cover or reference page. Paper format: (a) Cover page, (b) Header, (c) Body. Submit your assignment by the last day of this module. Provide quotations to support your responses.

* Relevance—All content is connected to the question.
* Precision—Specific question is addressed. Statements, facts, and statistics are specific and accurate.
* Depth of discussion—Present and integrate points that lead to deeper issues.
* Breadth—Multiple perspectives and references, multiple issues/factors considered.
* Evidence—Points are well-supported with facts, statistics and references.
* Logic—Presented discussion makes sense; conclusions are logically supported by premises, statements, or factual information.
* Clarity—Writing is concise, understandable, and contains sufficient detail or examples.
* Objectivity—Avoids use of first person and subjective bias.
* References—Sources are listed at the end of the paper.

Use strong credible sources – peer-reviewed references, government documents, and subject matter expert materials to support your answer. Your paper will not exceed 5 pages (excluding cover sheet and reference page(s).