

ANALYSIS AND REFLECTION PAPER

WHAT? What have you learned through this course? What stands out to you, feels new to you, excites you, or challenges you?

The previous eight weeks of the Incident response and management course have been interesting for me. I now understand the fundamentals of IRM, including the different kinds of attacks that can be made against a person or an organization. I now have a better understanding of how an attack is carried out within an organization thanks to the course. I now have a better understanding of the methods used to gather information and the many sorts of information gathering, which has widened my understanding of the information that can be found online and taught me how to defend myself from this kind of abuse. In composing the tasks, the course resembled a chess puzzle as I took on the roles of both an attacker and a consultant to help defend against the attacks.

Thanks to this course, I was able to better understand the course's materials, which also provided me with some useful insights. I've had the chance to develop fictitious scenarios and write reports because I've been writing case studies.

Because every little detail is covered in class, the course also helped me to understand the idea of attacks from the perspective of the attacker. It encouraged me to conduct an in-depth investigation to learn more about the ideas. In order to comprehend the scenarios clearly and effectively, the course also covered the SANS and NIST concept. It has been challenging and engaging to analyze the solutions to the scenarios for the corresponding case studies and assignments. My interest in cybersecurity has grown as a result of situations of this nature.

Despite the fact that I was directly involved in several cyber-security activities, the concept of SANS was novel to me. I was able to comprehend and find information about specific procedures much more quickly and easily as a result.

SO WHAT? Why does this learning matter? Why does it stand out to you? Why is it important—to you personally or in the bigger picture?

To enter the sector of cybersecurity, this knowledge would be beneficial. This would open the door to a more in-depth study of the cybersecurity field. Additionally, the course's specialized duties are easy to understand and have a lot of historical relevance. This would assist with not only finding employment in the cybersecurity industry but also with understanding the principles of one's own security and any dangers to it. This learning can be connected to doing the work in real time and getting the correct outcomes for it because the world is becoming more and more digitalized every day. This course's study not only covers the essentials but also pertinent concepts for protecting devices and security. Regarding myself specifically, this training has given me the chance to discover how exploitation is carried out and develop defenses against it. Since I had already been a victim of one of these exploitation hacks, this training gave me the knowledge I needed to fight back against these kinds of operations. When I consider the broader picture, I realize that not all of the knowledge I acquire is retained on my papers or in my grades, but it would still be useful to know how to comprehend and evaluate each and every scenario that can arise in a digital environment. This course has provided me with the appropriate number of essentials compared to the other courses, allowing me to essentially make something out of it.

NOW WHAT? What do you do from here? How will you take this learning with you?

Does this learning change your perspective, your career goals, or your interests?

From here on, I would learn new scenarios and gain knowledge about cyberspace. I would thoroughly research the kinds of processes carried out when performing a cyber operation. Although not every operation is the same, I'd like to gain insights into most of the papers, gain knowledge from them, and use them to perform test operations. By doing this, would provide me with relevant experience in the field and could also help me achieve a better position in an organization. I would also use this learning to learn some new tricks and create some new solutions to problems. I would perform operations on websites such as hack the box to expand my learning and track my experiences. My understanding of how things truly operate in the digital world has changed as a result of this study. I've learned via this course that the scant information you place online may do you so much harm. I have never been more enthusiastic about conducting research or carrying out procedures on particular items than I am now. I would be better able to assess and comprehend situations in the real world because of this education. This course has given me specialized interests like networking and ethical hacking, and I am looking forward to what I can do. despite the fact that they work at a very low level. My enthusiasm for the subject would make it easier for me to land a career doing what I enjoy. With the help of this training, I've changed and now consider problems from a wider angle. This gave me unique insights that I had never seen before and helped me grasp difficulties both personally and at an organizational level. I'd be grateful to learn something from this training.