

| Learning Content phase | Learning outcome | Teaching /Learning objectives | Learning Activities (actions and teaching methods to meet the objectives) | Teacher/trainer activities | Communication and Collaboration form | Resources, tools, and media |
|--|---|--|---|--|---|-----------------------------|
| Introduction and orientation 20 minutes | Recall the concept of DoS attacks | <ul style="list-style-type: none"> - Define what a DoS attack is and its basic characteristics; - Identify common examples of DoS attacks; - Recognize the potential impact of DoS attacks. | <ul style="list-style-type: none"> - Use AR technology to observe DoS attacks; - Use AR technology to interact with different types of DoS attacks; - Discussion (Questions and Answers, brainstorming). | Guide students through AR interactions and discussions. | Verbal and Guided Communication | AR glasses/LMS |
| Lesson Execution – 15 minutes | <p>Understand how DoS attacks work</p> <p>Analyze the impact of DoS attacks</p> <p>Evaluate the effectiveness of DoS mitigation techniques.</p> | <ul style="list-style-type: none"> - Study the methods and techniques used in DoS attacks; - Explore different types of DoS attacks and their characteristics. - Examine real-world examples of DoS attacks and their consequences; - Assess the financial, operational, and reputational impact of DoS attacks. - Evaluate the potential consequences of DoS attacks; - Compare and contrast different mitigation techniques for DoS attacks. | <ul style="list-style-type: none"> - Group collaboration discussing DoS strategies; - Brainstorming sessions regarding DoS attack impacts; - Provide insights on real-world applications and challenge students to think critically; - Group discussion on DoS mitigation techniques. | <ul style="list-style-type: none"> - Facilitate and moderate group discussions; - Present real-world DoS attacks examples; - Ensure that knowledge is practically applied and understood. | Verbal and Guided Communication | LMS |
| Evaluation – 10 minutes | Evaluation of students / lesson / teacher | <ul style="list-style-type: none"> - Evaluate what DoS attacks are; - Compare the different types of DoS attacks; - Evaluate the impact of DoS attacks; - Assess students' knowledge regarding DoS attacks mitigation techniques. | Students will answer an online Quiz/ lesson feedback in the LMS and they will get the results | Provide feedback and clarify doubts regarding the evaluation. | Written Evaluation Verbal and Guided Communication | LMS/Quiz |

