



# Capstone Project Outline

## Cyber Security Program

### Capstone Project

In the capstone project, students are expected to spend between 40 and 80 hours on a specific cyber security problem and provide a solution that reflects technical knowledge at both theoretical and practical levels. The capstone project prepares students for the challenges they may face in their cyber security careers and allows them to show potential employers what they are capable of in a concrete manner. The capstone project is formally submitted and presented at the end of the course.

To assess the capstone project, the following items may be considered:

1. The relevance and importance of the problem
2. The effectiveness of the solution in addressing the business need or problem
3. The level of mastery in handling the tools and configuration
4. The quality of the presentation and audience engagement

Accordingly, this element is given 30% of the overall assessment.

### Written Report

The written report is submitted at the end of the course alongside the capstone project. This report will present the students with an opportunity to hone their writing skills as they summarise the capstone project experience. It will also allow interested readers to reproduce the technical solution and confirm its quality.

The following elements may be addressed in the written report and can also be used in assessing it:

1. Background about the problem and the specific business need
2. The technical approach towards providing the solution
3. Description of the tools/techniques that are used to implement the solution
4. Main learning outcomes and recommendations

Accordingly, this element is given 20% of the overall assessment.