

Guided Exercise

PHBC Physical Security and MC&A - Worksheet

Designing a Physical Security System

Scenario:

Pretend that this is your lab and that you are researching the prevalence of pandemic influenza virulence factors present in patient specimens. Routine procedures in the laboratory include: cell culture, ELISA, PCR and bioinformatics. Recently, the region has become very unstable, in terms of resources, money, electricity, and possible threats in the region. How do you plan to secure the laboratory?

In your group spend 10 minutes to identify ways to better secure the assets of this laboratory using physical security mitigation measures. The questions below will help you with this task. Please discuss how you would detect, delay and respond to potential intruders and how you would control access. Be prepared to report out to the instructor.

1. Identification of the assets

- a. Where in the laboratory space will the agents be stored and used in your protocol? How will the assets be accounted for?

- b. Are there other assets such as equipment used in the protocol that may require physical protection? Explain.

2. Design System

- a. Define any special *exclusion, exclusion and limited areas*.

b. Describe features that will help detect an intruder, delay an intruder and respond to the intruder in your physical security system.

c. How do you plan to keep physical security performance up to standards?

Notes: