

CYBER SECURITY AND ARCHITECTURE

The School of Science presents these unique courses for professionals and employees in the financial/computing industry, in search of new expertise to enhance their skills in financial risk management.

COURSE OBJECTIVES

Internet users are at risk every time they are surfing the internet as they are constantly being targeted by cyber criminals. Covid-19 pandemic increased the risk of internet users being targeted by cyber-criminals as a lot of people moved towards telecommuting to work. Given the aforementioned challenge, there is a need for organizations to have cybersecurity architects to develop measures to safeguard data and computer system infrastructure of the organization.

LEARNING OUTCOMES:

On completion of this short course, participants should be able to:

1. Perform a security analysis on the organization's data and computer system infrastructure;
2. Carry out vulnerability assessment and develop security/risk reports of the organization's infrastructure;
3. Perform cost assessment and estimates related to assessing and implementing a security architecture;
4. Develop reliable and flexible security architectures for an organization's computer systems based on the carried assessment;
5. Develop organizational cybersecurity policies and procedures for average computer users and computer systems administrators;
6. Perform routine security assessments on the organization's computer systems after implementing the security architecture;
7. Perform research latest security standards, new security systems, and updated security protocols;

Enquiries:

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Short Course Content & Unit Descriptions

Facilitators:

1. Mr. Anton Limbo

This short course provides participants with an understanding and awareness of the importance of cybersecurity and the essential role of cybersecurity professionals. This course further gives a dynamic learning experience in which participants can explore foundational cybersecurity principles, security architecture, risk assessment & management and cyber-attacks. The overall aim of this short course is to provide participants with knowledge and skills on performing security analysis on an organization's data and computer systems, as well as developing security strategies for safeguarding these assets of the organization.

Application Deadline: February or July | **Mode of Delivery:** Online
Online Application: www.unam.edu.na/shortcourses