

# GCSE 5301 : Cybersecurity Program Fundamentals

The foundational course for the program will examine the overall concept of cybersecurity within a business enterprise and/or public sector organization. It will work students through the CIA Triade (Confidentiality, Integrity, and Availability) which forms the basis of all network operations. In addition, the course will introduce the concept of the Threat, Vulnerability and Risk matrix and how to develop a computer system security program through the process of system auditing, threat intelligence, vulnerability assessment and risk analysis.

**Credits** 3

**Course ID**

009612

**Semester Offered**

Fall semester