

## **STUDENT PROFILE**

### **DIPLOMA IN INFOCOMM SECURITY MANAGEMENT (DISM)**

The Diploma in Infocomm Security Management (DISM) course equips students with the knowledge and skills to prevent, detect, respond and manage security threats and also trains them in programming, web and systems development, and database management. This holistic and comprehensive course provides the breadth and depth of an education necessary for future infocomm security professionals.

Students from the DISM course are trained in the following types of skills/knowledge:

- Analyse security threats in areas such as application, network, and Internet security;
- Propose counter measures against security threats;
- Perform penetration tests;
- Design and secure databases;
- Perform Microsoft and Linux server administration;
- Perform requirement analysis & system design using Rational Rose;
- Develop applications using Java and web-related technologies such as HTML/DHTML, XML and JavaScript;
- Develop Web applications using Java Server Pages (JSP) with JavaBeans and Web Services; and
- Understand computer law and investigation.

In general, the DISM course prepares students to take on jobs such as IT Security Analyst, Security Consultants, Security / System Administrators or IT Auditors as well as web application developers and e-application analysts.