Specialist Diploma in Aviation Management (Air Cargo)

Module Synopsis

Introduction to Airline Industry

This module aims to equip students with the basic understanding of the volatile aviation landscape and how difficult aviation situations could be managed. This module also provide students with fundamental knowledge of management concepts that are essential in capitalising on the benefits of business transportation.

Airport Terminal Operation & Management

This module aims to equip students with the basic understanding of airport terminal operations, the design and planning of airport, components of terminal interaction and integration and the drivers of competition between major hub airports.

Airport Ramp Operations & Management

This module aims to equip students with an understanding of the intricacies and complexities of the airside environment and the required skill-sets and knowledge to achieve higher operational efficiency and safety in airside operations. The module introduces airport ramp operation and management in both Singapore and overseas airports. It covers ICAO regulations, the best practises and typical operations & management methods used by various airport authorities.

Air Cargo Management

This module aims to provide students with an introduction to air cargo transportation sector covering on the documentation and various cargo import and export procedures and processes. This module will also equip students with knowledge in IATA Dangerous Goods Regulations and the Perishable Cargo Regulations which are essential in air cargo management. Latest industry practices in crisis management and business continuity planning will be covered in the module.

Air Cargo Operations

This module aims to equip students with basic understanding of the import and export cargo handling process and operations. Import processes such as ramp operations, warehouse, delivery and documentation will be covered. Export processes to be covered includes export acceptance, warehouse and export ramp operations. Supervisory practices and effective communication in air cargo operations will also be covered.

IT for Data Analysis

This module provides students with knowledge of essential and advanced features and functions in Excel. It introduce basic statistical and data analytics concepts and lay the foundation to understand statistical procedures and methods commonly used in the analysis of data. Students will learn to manipulate data and visualise data using charts and perform analysis of data using Excel data analysis tools. Students can use these skills to construct business and financial models for various industries.