# Course Outline
## Specialist Diploma in Aviation Management Programme

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| Principles and Practices in Aviation | This module provides an overview on the organisational principles and practices of the aviation industry. In doing so, it reflects on the key concerns of the major stakeholders that constitute the global air transport ecosystem, including airports, commercial airlines, and the general aviation sector. |
| Principles and Skills of Management | This module emphasises the functional principles and problem-solving skills of modern management, including human resource management. These principles and skills are set against a background of a diverse workforce and a rapidly changing global and digital environment. |
| Operations Management | This module is a study on the use of operations management to build value chains and competitive advantage. It provides learners with frameworks to address both the design and the management of operations. |
| Accounting and Finance in the Aviation Industry | This module provides learners with an overview of the financial accounting, management accounting and finance concepts with particular reference to the aviation industry. |
| Business Analytics Concepts and Applications | This module covers what business analytics is, why it is valuable, and how business analytics is applied. It is an exposition of three types of analytics (descriptive, prescriptive and predictive) and offers guidance for undertaking these three types of business analytics projects. |
| Emerging Technologies and Innovations | This module explores the nature and impact of emerging technologies that may be sources of competitive advantage for the postmodern organisation. In the process of exploration, it studies how deep learning knowledge, leading-edge thinking and applications of exponential technologies are integrated to advance the transformation of business and enterprise. |
| Design Thinking for Innovation | This module draws on the dialogic, creative and multi-logic dimensions of design thinking to help learners identify the contributions that design thinking can make in integrating innovation, service design and customer experiences to drive meaningful solutions in organisation. |
| Aviation Industry Project | This is a capstone module that requires learners to investigate and find solutions on a problem of significance in the aviation industry. Learners will be supervised by project supervisors to work on a workplace project that is of relevance to organisation/ stakeholders. |

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