

Advanced Diploma in Logistics and Supply Chain Management

OVERVIEW

The course aims to provide students with the knowledge and technical capability required to deal with current issues in international trade, supply chain, logistics, sustainability, digitalisation, procurement and critical analysis of logistics and supply chain management problem.

PROGRAMME OBJECTIVES:

The inclusion of more topical studies in Singapore's business environment, International logistics and shipping management will also provide opportunities for students to learn about the emerging issues arising in the society that affect business decisions of the organisation. It also develops in students sound professional knowledge in multiple disciplines of management studies, people management skills, business analytic. Managerial thinking, qualitative and quantitative research methods which are deemed necessary for their intellectual and social well-being and supply chain optimisation, more importantly, for excelling in the modern business world.

ASSESSMENT METHODS:

Combination of Coursework & Examination

NUMBER OF MODULES:

8

PROGRAMME OUTCOMES:

Classroom Training Hours: 30 Hours Per Module

MODULE SYNOPSIS

AD516 Transportation, Warehouse and Distribution Management

This module presents core knowledge related to the areas of Transportation, Warehouse and Distribution (TWD) Management within the supply chain operations supported with real business case studies. The learning objective of the module is to:

- provides deep insight into the key functional areas and complex activities required with moving goods through the supply chain from manufacturing to the end customer
- understand the apparel distribution, operations servicing large retail customers, domestic and global transportation, and services meeting end-consumer requirements

AD517 Strategies in Logistics and Supply Chain Management Research Project

This module focuses on operations management issues in supply chains and logistics. The objectives are to learn current best practices in logistics and supply chain management and to develop analytical and research skill.

TOTAL CONTACT HOURS

210

PROGRAMME OUTCOMES:

Upon completion of the programme, the learners will be able to:

- develop an understanding of the fundamental concepts in logistics and supply chain management in a national and global scale
- develop a good analytical ability in logistics and supply chain management
- develop an appreciation and understanding of current business practices
- apply the principles and practice of qualitative and quantitative research methods for supply chain optimisation in a business context
- formulate strategies for supply chain and logistics business either locally or globally.
- identify the challenges of the local or global business environment and strategies lead to business growth, with more substantial margin and larger revenues
- demonstrate interpersonal, self-study, research and presentation skills through the course
- have adequate work skills and experience through practical training for their careers or further studies in logistics and supply chain management area.

AWARDING BODIES:

Global School of Technology and Management

AD502 Consumer Behaviour and Research

This module will provide opportunities for students to learn the consumer behaviour models and concepts designed to help understand, evaluate, and predict consumer behaviour. The learning objectives of this module are understanding and predicting consumer behaviour by integrating theories from psychology, sociology, anthropology and economics.

AD506 Management Information Systems

This module is providing an overview of how the information systems are used in organisation for achieving the operational goals and meeting strategic. It is a manager's job to learn to use technology to enhance productivity and effectiveness in the workplace. Workers and managers alike find both work and technology more rewarding when they understand how technology supports everyday task performance. This course is designed to inform potential managers and knowledge workers in all functional areas about issues, benefits, and problems related to the use and management of information systems in business.

AD518 International Logistics and Shipping Management

The module focuses on the growing importance of international logistics and shipping management in the global supply chain. The students must familiarise with the fundamental knowledge and skills of international logistics and how they can be applied to help firms achieve cost and service advantages in the world's marketplace, by integrating the logistics concept into the business and applying appropriate methods for specific logistics management problems at different international contexts

AD519 E-Business and Information Technology Law

The module focuses on the law relating to e-business and information technology law which will help the students to have a good understanding of the latest framework and development within this burgeoning of law.

There are more, and more companies and organisations are embracing information technology to add value to their business and remain competitive. In the e-business environment, the existing business law is being applied in a new setting to address specific issues that online business creates. Students must understand the interface between business, ethics and technology law environment and the effect of new technological developments on the law.

Real-life examples and case studies motivate the students and put theory in perspective to provide students with the legal context of today's businesses and technological developments.

AD520 Green Supply Chain Management and Big Data Analytics

Change is inevitable, and as supply chain managers prepare for the future, they face many challenges. Two major trends over the last few years are the growing importance of 'big data' and analysing these data through 'analytics'. Big data analytics is playing an instrumental role in improving supply chain management. It resolves several pain points at strategic, operational, and tactical levels.

Big data is making an impact on all supply chain activities. It ranges from improving delivery times to identifying ways to reduce the communication gap between manufacturers and supplier. Analytics reports enable decision-makers to achieve operational efficiency and monitor performance to improve productivity. Supply chain analytics augment data-driven decisions to reduce costs and improve service levels.

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ADIA508 Industry Attachment

Industrial Attachment is an important aspect and a component of a students' development. As part of the course curriculum, students are expected to undertake a 24 weeks/ 6-month industrial attachment in the related industries. Students will take an internship programme with hotels, resorts or any other related tourism/hospitality businesses as related to their interest or area of specialisation.

The learning objective of the Industrial Attachment is to help students:

- Contributing to local industry and developing work-based skills in the workplace environment improve the right kind of work attitude and professionalism so the student can become effective and productive in their future organisations, much sooner than is usual for fresh graduates without such experience.
- enhancing the classroom learning experience through involvement in industrial and commercial exposure
- enabling students to relate theoretical concepts with practical situations
- Improve student's cross-cultural communication skills be able to adapt quickly and effectively to working life upon graduation from GSTM.

GSTM will facilitate in the arrangement and process of student's entire Industrial Attachment. Industrial Attachment applies to all students.

ADIP509 Industry Project

Industrial Attachment is an integral part of the course. In the unlikely event that a student cannot be placed for Industrial Attachment, due to circumstances beyond the control of the student or the college, like non-approval of the Training Work Permit by Ministry of Manpower, the student will be required to complete an Industrial Project (5000 words) under the supervision of a lecturer from GSTM.

The industrial project (5000 words) topic must be relevant to the tourism/hospitality industry and approved by the school. Students have a maximum of 2 months to complete the project after approval. The Industrial Project provides an opportunity for students to integrate their knowledge through application to a practical based classroom project within the selection of the student's choice of industry. Preferably, this project focuses on an identified management issues and/or opportunity of an organisation.