



**KINGSTON**  
International College

**DIPLOMA IN LOGISTICS AND SUPPLY  
CHAIN MANAGEMENT**

Course Handbook

## Table of Contents

Course Objective .....	2
Course Outcome .....	2
Course Structure .....	2
Course Modules and Outline .....	3
Graduation Requirements .....	3
Admission Requirements .....	5
Required Documents .....	6
Course Fees .....	6
Course Assessment .....	7

## Course Objective

The Diploma in Logistics and Supply Chain Management provides learners with a comprehensive understanding of logistics and supply chain management, equipping them with the necessary skills to manage procurement, transportation, warehousing, inventory, and distribution efficiently. The course integrates real-world case studies, industry best practices, and technology-driven solutions to prepare learners for a dynamic career in procurement, transportation, warehousing, and supply chain optimisation. The hands-on activities, case studies, and industry insights make this a practical and engaging learning experience.

## Course Outcome

The course combines practical career-based elements with several essential underpinning management disciplines that will be invaluable as the individual's career progresses. The course is therefore an ideal preparation for immediate employment in the sector.

The aims are to provide a qualification that:

- Provide learners with the knowledge and skills that will enable them to progress to Advanced Diploma in logistics and supply chain management related studies;
- Provide learners with the necessary theoretical and practical knowledge of logistics and supply chain management at the Diploma level and
- Lay the foundation for future professional development.

## Course Structure

- **Duration of Study and Contact Hours:**  
12 months (6 months institutional studies + 6 months Industrial Attachment) (Full-time)  
3 hours per day, 5 days a week  
Total Hours: 360 hours + 6 months industrial attachment
- **Modules:**  
**Seven (7) Modules**
  - Introduction to Logistics and Supply Chain Management
  - Procurement and Sourcing Strategies
  - Transportation and Distribution Management
  - Warehousing and Inventory Management
  - Supply Chain Technology and Innovation
  - Risk Management and Sustainability in Supply Chain Management
  - Project Work
- **Mode of Teaching:**  
Face-to-Face Delivery via
  - Lecture Sessions
  - Tutorial Sessions
  - Class Discussion
  - Group Work & Pair Work
  - Practical Sessions
  - Industrial Attachment

- **Teacher to Student Ratio:**  
1:80
- **Medium of Instruction:**  
English

## **Industrial Attachment**

The Industrial Attachment provides students the opportunity to undergo a 6-month internship within the logistics and supply chain industry. Typical industrial attachment organisations include freight forwarders, third-party logistics providers (3PLs), warehousing and distribution centres, shipping lines, air cargo handlers and procurement or trade operations teams. Students will be able to apply their academic learning in real-world scenarios such as inventory management, order fulfilment, freight coordination and supply chain optimisation.

The Industrial Attachment forms a critical part of the overall assessment. Students are expected to complete their work-based assessment in the form of the Industrial Attachment Logbook during the 6-month period.

A training work permit is required to undertake the Industrial Attachment. The application for training work permit is subject to approval by the Ministry of Manpower. Students who are unable to secure the training work pass will have to successfully complete and submit an assignment for the module under IA.

## **Course Modules and Outline**

### **1) Introduction to Logistics and Supply Chain Management**

This module provides a fundamental understanding of logistics and supply chain management, tracing its evolution, importance, and strategic role in modern business. Learners will explore the components, functions, and objectives of supply chain operations, including procurement, manufacturing, inventory, transportation, and distribution. The module introduces global supply chain trends, challenges, and best practices.

By the end of this module, learners will have a clear grasp of how supply chain decisions impact business performance and how companies use logistics strategies to achieve competitive advantage.

### **2) Procurement and Sourcing Strategies**

This module delves into the critical function of procurement and sourcing strategies within the supply chain. Learners will explore the end-to-end procurement process, supplier selection, negotiation techniques, contract management, and strategic sourcing. The module also examines global sourcing challenges, including economic, ethical, and sustainability concerns.

Learners will participate in supplier negotiation simulations and real-world procurement case studies to apply their knowledge in practical settings.

### **3) Transportation and Distribution Management**

Efficient transportation and distribution are at the heart of successful supply chain operations. This module examines various transportation modes (air, sea, rail, and road), logistics infrastructure, and freight management systems. Learners will analyse distribution network designs, last-mile delivery challenges, and cost optimization strategies.

A major focus will be on technological advancements in transportation, such as GPS tracking, automation, and route optimization tools. Hands-on activities include a route optimization simulation and case studies on real-world distribution networks.

### **4) Warehousing and Inventory Management**

Warehousing and inventory management are critical elements of the supply chain, ensuring that products are stored, managed, and delivered efficiently. This module covers warehouse design, automation, safety standards, inventory control techniques, and demand forecasting.

Learners will explore how companies balance inventory levels to meet customer demands while reducing holding costs. They will also examine warehouse technologies such as RFID, robotics, and AI-powered warehouse management systems (WMS).

### **5) Supply Chain Technology and Innovation**

Technology plays a transformational role in modern supply chain management. This module explores how digital innovations such as blockchain, AI, IoT, and ERP systems enhance supply chain visibility, efficiency, and decision-making.

Learners will assess how leading companies leverage technology to optimize their supply chain operations. They will also gain hands-on experience using supply chain software and analysing case studies of tech-driven logistics.

### **6) Risk Management and Sustainability in Supply Chain Management**

Risk management and sustainability are crucial considerations in supply chain strategy. This module focuses on identifying, analysing, and mitigating supply chain risks arising from factors such as geopolitical issues, natural disasters, supplier failures, and cyber threats.

Learners will also explore sustainable supply chain practices, including green logistics, circular supply chains, and corporate social responsibility (CSR). The module will feature case studies of businesses leading in sustainable supply chain management and a final project where learners develop a risk management and sustainability plan for a company.

### **7) Project Work**

This module serves as an alternative to an industrial attachment placement and enables learners to demonstrate the practical application of all acquired logistics and supply chain competencies through a supervised, project-based experience. Through structured project milestones, progress reviews, and reflective supervision, learners will apply their knowledge in areas such as procurement, inventory management, warehousing, distribution, and supply chain technology.

Throughout the project, learners will cultivate professional behaviours, collaborative skills, and workplace readiness by engaging in authentic industry-aligned problem-solving tasks. The project functions as a capstone module, requiring learners to synthesise theoretical understanding with practical decision-making, analysis, and solution development.

## **Graduation Requirements**

Students will be awarded the Diploma in Logistics and Supply Chain Management if they achieve at least a Pass grade in all 7 modules of the course and has a minimum of 90% of attendance rate for the whole duration of the course.

Students who successfully completed the Diploma in Logistics and Supply Chain Management can progress onto the Advanced Diploma qualifications in Logistics and Supply Chain Management studies.

## **Admission Requirements**

### **Age Requirement:**

Minimum 18 years of age

### **Language Requirements:**

Applicants are required to possess one of the following:

- Minimum C6 in English Language for GCE 'O' Level or regional equivalent
- Kingston International College's English Placement Test, or
- Other English Language Proficiency Tests (TOEFL etc) – will be considered on a case-by-case basis

### **Academic Requirements:**

Minimum 3 GCE O Level credits (minimum C6 in any 3 subjects) or NITEC (in any field) or regional equivalent

### **Mature Candidates:**

- Are 30 years and above at the time of registration; and
- Have at least 8 years of verifiable working experience; and
- Provide a detailed resume with contact details of past and present employers

All applicants are subjected to the College's assessment of eligibility for entry into the programme.

## Required Documents

1. Application Form
2. Passport Photocopy of Applicant
3. Certified Copy of Highest Qualification Certificates and Transcripts
4. 2 Passport Size Photograph
5. CV (For Mature Candidates)

## Course Fees

<b>Course Fees</b>	<b>Price (SGD\$) (With GST, if any)</b>
Tuition Fees	4,250
Examination Fees	300
Course Material Fees	450
College Administration Fee	100
Fee Protection Scheme	200
Student Pass Application and Issuance Fees	180
Medical Insurance	120
Total Course Fees Payable	5,600
GST 9%	504
<b>Total Course Fees Payable</b>	<b>6,104</b>

<b>Miscellaneous Fees</b>	<b>Price (SGD\$) (With GST, if any)</b>
Student Pass Renewal Processing Fees	275
College Application Fees (Non-refundable)	350
Medical Check-Up	55
Re-Mark Examination Fee / Certificate Reprint	164
Re-Examination Fee / Late Entry Exam Fee (per module)	109
Graduation Fee (Local)	Up to 540
Late Payment Fee (per month)	109
Request for Hard Copy of e-Transcript / e-Certificate	55
Certificate Courier Fee (Certificate + Transcript)	71
College Uniform	21.80

## Course Assessment

- **Modes for Assessment:**

The students will be assessed through two (2) components:

- 1) Closed Book Written Examination
- 2) Industrial Attachment Logbook / Assignment

Module Code	Module Title	Assessment Mode	Frequency	Weightage
ILSCM	Introduction to Logistics and Supply Chain Management	Closed Book Written Examination	1	100%
<b>Total</b>				<b>100%</b>

Module Code	Module Title	Assessment Mode	Frequency	Weightage
PSS	Procurement and Sourcing Strategies	Closed Book Written Examination	1	100%
<b>Total</b>				<b>100%</b>

Module Code	Module Title	Assessment Mode	Frequency	Weightage
TDM	Transportation and Distribution Management	Closed Book Written Examination	1	100%
<b>Total</b>				<b>100%</b>

Module Code	Module Title	Assessment Mode	Frequency	Weightage
WIM	Warehousing and Inventory Management	Closed Book Written Examination	1	100%
<b>Total</b>				<b>100%</b>

Module Code	Module Title	Assessment Mode	Frequency	Weightage
SCTI	Supply Chain Technology and Innovation	Closed Book Written Examination	1	100%
<b>Total</b>				<b>100%</b>

Module Code	Module Title	Assessment Mode	Frequency	Weightage
RMSSCM	Risk Management and Sustainability in Supply Chain Management	Closed Book Written Examination	1	100%
<b>Total</b>				<b>100%</b>

Module Code	Module Title	Assessment Mode	Frequency	Weightage
PW	Project Work	Industrial Attachment Logbook / Assignment	1	100%
<b>Total</b>				<b>100%</b>

- **Overall Grade Structure for each module:**

High Distinction	Distinction	Merit	Pass	Fail
90 – 100%	80 – 89%	60 – 79%	50 – 59%	Below 50%

- **Assessment Schedule**

Module	Duration	Assessment Schedule
<b>ILSCM</b>	Weeks 1 – 4	Week 4 – Closed Book Written Examination
<b>PSS</b>	Weeks 1 – 4	Week 4 – Closed Book Written Examination
<b>TDM</b>	Weeks 1 – 4	Week 4 – Closed Book Written Examination
<b>WIM</b>	Weeks 1 – 4	Week 4 – Closed Book Written Examination
<b>SCTI</b>	Weeks 1 – 4	Week 4 – Closed Book Written Examination
<b>RMSSCM</b>	Weeks 1 – 4	Week 4 – Closed Book Written Examination
<b>PW</b>	6 Months IA	Industrial Attachment Logbook / Assignment

**Note:**

Actual dates of the assessments may vary to better fit students' learning progress. Students will be informed by the class lecturer if there are changes.