WORK-STUDY DIPLOMA IN LOGISTICS & SUPPLY CHAIN MANAGEMENT

MODULE OBJECTIVES

Core Modules

Communication in Logistics
On completion of this module, trainees should be able to write and communicate confidently at the workplace. They will enhance their written communication skills through crafting of business letters, emails, proposals and minutes of meeting. In addition, trainees should acquire techniques in effective presentation and marketing of services to potential logistics clients.

Supply Chain Management and Analytics
On completion of the module, trainees should be able to manage and analyse data derived from various activities in the supply chain. They should be able to apply various productivity tools and techniques to measure, control, improve and benchmark organisational performance.

Warehouse Operations
On completion of the module, trainees should be able to apply the conceptual framework of warehouse management in planning daily warehouse activities, manage costing and implement quality customer service. Trainees should also be able to apply updated technology in various warehousing functional areas.

IT in Logistics and Supply Chain Management
On completion of the module, trainees should be able to apply appropriate software to coordinate various aspects of supply chain management such as material planning, inventory, order processing, warehouse operations, transport, fleet, freight and distribution.

Organisational Behaviour in Logistics
On completion of the module, trainees should be able to resolve team conflict, manage group dynamics and teamwork, and apply power of influence towards organisational excellence. Trainees should also be able to take a lead in organising logistics event.

Fleet and Transportation Management
On completion of the module, trainees should be able to access various transportation modes to move goods efficiently in a global setting, whether via air, sea, land or rail logistics. They should also be able to apply concepts and principles of freight management, including tariff system, costing, custom documentation and clearance in supply chain operation.

Supplier, Security and Risk Management
On completion of the module, trainees should be able to select, engage and manage supplier. They should also be able to conduct financial and operational analysis of supplier to ensure compliance with procurement specifications. In addition, trainees should be able to manage supply chain risk and disruption as well as apply practical tool to enhance resilience and security of supply chain.
Inventory System Management
On completion of the module, trainees should be able to apply principles of inventory management in inventory control and stock tracking. They should also be able to apply fundamental concepts in inventory and forecasting as well as Material Requirements Planning (MRP) to manage inventory.

Procurement Management
On completion of the module, trainees should be able to apply principles and practice of international purchasing to purchasing documentation, performance measurement as well as negotiation and planning in global sourcing.

Leadership and Management
On completion of the module, trainees should be able to lead in manpower and resource planning for logistics operation. They should also be able to supervise team performance.

Cold Chain Management
On completion of the module, trainees should be able to implement and coordinate various logistical activities in the cold chain industry. Trainees should be able to apply cold chain technology, quality and risk management principles as well as emerging cold chain standards.

Distribution Management
On completion of the module, trainees should be able to manage distribution centre activities, and their impact on customer service and total logistics costs. Trainees should also be able to apply global logistics practices, supply chain strategies as well as principles of supply chain management in international business.

Emerging Trends in Logistics
On completion of the module, trainees should be able to leverage on digitalisation roadmap for logistics industry, to facilitate digitisation of business operation and automation of resources towards integrated solution for improved efficiency.

Integrated Project I – Design Thinking
On completion of Year 1 modules, trainees should be able to apply design thinking and basic analytics to resolve issue encountered at the workplace.

Integrated Project II – Logistics Operations
On completion of Year 2 modules, trainees should be able to apply design thinking and innovative strategies to improve operational performance in supply chain at the workplace.

On-the-Job Training I
On completion of the module, trainees should be able to apply and integrate Year 1 skills and knowledge acquired at ITE College, and further develop competencies at the workplace.

On-the-Job Training II
On completion of the module, trainees should be able to apply and integrate Year 2 skills and knowledge acquired at ITE College, and further develop competencies at the workplace.

On-the-Job Training III
On completion of the module, trainees should be able to apply and integrate Year 3 skills and knowledge acquired at ITE College, and further develop competencies at the workplace.