

HIGHER NITEC IN LOGISTICS & SUPPLY CHAIN MANAGEMENT (2 YEARS)

CERTIFICATION

Credits required for certification:

Core Modules	: 27
Specialisation Modules	: 20
Life Skills Modules	: 9
Cross Disciplinary Core Modules	: 6
Electives	: 6
Total	: 68

COURSE STRUCTURE

Module Title	Credits
CORE MODULES	
Fundamentals of Business Operations	3
Sales Techniques & Engagement	3
Introduction to Supply Chain Management	3
Essentials of Warehouse Operations	3
Freight & Cargo Documentation	3
Warehouse & Inventory Management	3
International Freight	3
Circular Logistics	3
Material Handling Equipment	3
SPECIALISATION MODULES	
Urban Logistics	3
Basics of Cold Chain Logistics	3
Dangerous Goods Transportation	3
Ship Agency Operations	3
Industry Attachment	8
CROSS DISCIPLINARY CORE MODULES	
Design Thinking for Business Services	3
Robotic Process Automaton for Business	3
Food Sustainability	3
Blockchain in Business Application	3
Basic Data Management & UX Design	3
Advanced Data Management & UX Design	3
Digital Design Principles	3
ELECTIVES	
Effective Business Networking	2
ASEAN Business Basics	2
Customer Experience Design	2
Infographics for Presentation & Marketing	2

Module Title	Credits
LIFE SKILLS MODULES	
For details, click here	

Note: The offer of electives is subject to the training schedule of respective ITE Colleges. Students are advised to check with their Class Advisors on the availability of the elective modules they intend to pursue.

MODULE OBJECTIVES

Core Modules

Fundamentals of Business Operations

On completion of the module, students should be able to support essential business operations by differentiating the various functions in an enterprise, compute employee payroll, prepare documents to support international trade, handle monetary transactions, compute accounting equation and record business transactions in source documents.

Sales Techniques & Engagement

On completion of the module, students should be able to apply sales techniques to sell to client needs and develop strong sales relationships.

Introduction to Supply Chain Management

On completion of the module, students should be able to provide support for supply chain activities by coordinating flow of products and information via air, land & sea.

Essentials of Warehouse Operations

On completion of the module, students should be able to perform warehouse-receiving, order processing, picking, and packing.

Freight & Cargo Documentation

On completion of the module, students should be able to handle import and export procedures and documentation for air, land and sea.

Warehouse & Inventory Management

On completion of the module, students should be able to perform warehouse and inventory management and stocktakes.

International Freight

On completion of the module, students should be able to arrange transport of goods by air, land and sea.

Circular Logistics

On completion of the module, students should be able to coordinate and process goods return for waste minimisation and sustainability.

Material Handling Equipment

On completion of the module, students should be able to plan and carry out MHE operations according to WSQ forklift driver certificate requirements.

SPECIALISATION MODULES

Urban Logistics

On completion of the module, students should be able to provide urban and green logistics services through planning and monitoring driver assignments and performing real-time dispatching and order tracking.

Basics of Cold Chain Logistics

On completion of the module, students should be able to perform in-bound, out-bound and despatch arrangements for a cold-chain environment via air, land & sea.

Dangerous Goods Transportation

On completion of the module, students should be able to coordinate packing, documentation and transport for DG goods by air, land & sea.

Ship Agency Operations

On completion of the module, students should be able to provide agency support in the management of maritime commercial vessels, and carry out ship agency functions relating to vessel operations, management, and cargo shipment.

Industry Attachment

On completion of the module, students should be able to apply the skills and knowledge acquired to take on a range of job scopes at the company

CROSS DISCIPLINARY CORE MODULES

Design Thinking for Business Services

On completion of the module, students should be able to develop innovative solutions in a business environment via transdisciplinary thinking approach that meets stakeholders' needs.

Robotic Process Automation for Business

On completion of the module, students should be able to appreciate the applications of Robotic Process Automation (RPA) and be equipped with RPA skills to automate repetitive business processes and operations.

Food Sustainability

On completion of the module, students should be able to gain an overview of food security system and the importance of sustainable food supply in Singapore. Students should also be able to understand the different types of sustainable farming and food production for plant, animal and aquaculture and the technologies applied.

Basic Data Management & UX Design

On completion of the module, students should be able to customise system settings to suit the needs of the business while controlling the access to data using point and click security tools, and be able to visualise key business metrics in real-time.

Advanced Data Management & UX Design

On completion of the module, students should be able to review the organisation's security design requirements, control user access to data and update the security design.

Blockchain in Business Application

On completion of the module, students should be able to gain an overview of blockchain, its importance and the development of blockchain technology in Singapore. Students will also identify blockchain opportunities in business and demonstrate the use of common blockchain applications.

Digital Design Principles

On completion of the module, students should be able to apply design elements and principles onto digital designs.

ELECTIVES

Effective Business Networking

On completion of the module, students should be able to provide general sports massage treatments for athletes and clients.

ASEAN Business Basics

On completion of the module, students should be able to research and provide credible and relevant information on ASEAN country's business culture and business operations

Customer Experience Design

On completion of the module, students should be able to appreciate and understand how customers think, behave, share, and consume products/services from a customer journey perspective. This in turn will help students better understand how they can design better customer experiences to increase customer loyalty and generate more revenue.

Infographics for Presentation & Marketing

On completion of the module, students should be able to communicate their presentation information more effectively through colours, visuals and infographics.

Life Skills Modules

For details, click [here](#).