HIGHER NITEC IN LOGISTICS & SUPPLY CHAIN MANAGEMENT (3 YEARS)

CERTIFICATION

Credits required for certification:

Foundation Modules	: 24
Core Modules	: 25
Specialisation Modules	: 20
Life Skills Modules	: 10
Cross Disciplinary Core Modules	: 9
Electives	: 8
Total	: 96

COURSE STRUCTURE

Module Title	Credits
FOUNDATION MODULES	
Basics of Data Analytics	3
Social Media Marketing	3
Principles of Business	3
Business Communication	3
Service Excellence	3
Innovation & Entrepreneurship	3
Fundamentals of Business Operations	3
Sales Techniques & Engagement	3
CORE MODULES	
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
Industry Attachment 1	4
SPECIALISATION MODULES	
Urban Logistics	3
Basics of Cold Chain Logistics	3
Dangerous Goods Transportation	3
Ship Agency Operations	3
Industry Attachment 2	8
CROSS DISCIPLINARY CORE MODULES	
Design Thinking for Business Services	3
Robotic Process Automaton for Business	3

Module Title	Credits
Food Sustainability	3
ELECTIVES	
Effective Business Networking	2
ASEAN Business Basics	2
Customer Experience Design	2
Infographics for Presentation & Marketing	2
ELECTIVES (GENERAL) AND 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

Foundation Modules

Basics of Data Analytics
On completion of the module, students should be able to adopt spreadsheet and analytics software to visualise and analyse data, and generate formatted reports to facilitate informed business decision.

Social Media Marketing

On completion of the module, students should be able to develop social media content and apply online media tools to execute the organisation's social media marketing strategies.

Principles of Business
On completion of the module, students should be able to understand basic business concepts and relate the impact of political, economic, social and technological factors on business activities.

Business Communication
On completion of the module, students should be able to apply essential communication skills to prepare business documents and presentations.

Service Excellence
On completion of the module, students should be able to understand the principles of service delivery, identify and respond to customers' needs, create and deliver value to build positive customer experience and increase organisational profitability

Innovation & Entrepreneurship
On completion of the module, students should be able to explore opportunities for value-creation with an innovative mind-set and apply the fundamental concepts of entrepreneurship to develop a business plan for an entrepreneurial venture.

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.

Core Modules

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.

Industry Attachment 1
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.

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 2
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 companyElectives (General) and Life Skills Modules

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.

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.

Electives (General) and Life Skills Modules

For details, click here.