



# DIPLOMA IN INTERNATIONAL TRADE & LOGISTICS (T07)

## Course Overview

The growth of international trade is powered by the smooth functioning of global supply chain by companies and countries alike. Therefore, having sound and current knowledge and skills in international trade and supply chain management will be critical for a logistics professional. This course has you covered in all these areas, and you will also acquire business innovation and necessary digital skills to value-add to your organisation.

You will be trained to be industry-ready through a strong foundation in business studies and specialised training in essential supply chain functions such as freight forwarding operations, supply management and sustainability-driven logistics. You will learn about international trade compliance and acquire digitalisation skills to prepare you to navigate the world of international trade confidently!

In addition, our holistic learning environment will help develop your communication and group collaboration skills whilst you embark on internships and inter-disciplinary projects involving logistics and other domains.

Join us as we prepare you to be movers and shakers to create businesses for tomorrow.

**Get the opportunity to attain the below certification(s) throughout the course of your study:**

- ICDL Asia Digital Skillsets Certification
- Medical Logistics in Pandemics offered by HELP Logistics, a subsidiary of Kuhne Foundations
- SAP Global Certification (Selected students who took the subject, Enterprise Resource Management)
- Certificate in Applying IMDG Code by Singapore Logistics Association (Applicable for WorldSkills Competition competitor)



### PRACTICE-ORIENTED LEARNING

Develop planning and analytical skills through practice-based learning in out-of-classroom activities such as international competitions and local/overseas internships.



### INDUSTRY-FOCUSED

Through industry projects, get deep insights into the digital transformation of freight forwarding and logistics, driven by the exponential growth of the e-commerce industry.



### INTERDISCIPLINARY LEARNING

Gain from interdisciplinary projects which span the fields of business, logistics, IT and engineering.

# Entry Requirements

To be eligible for consideration for admission, applicants must obtain 26 points or better for the net ELR2B2 aggregate score (i.e. English Language, 2 relevant subjects and best 2 other subjects, including CCA Bonus Points) and meet the minimum entry requirements of this course. CCA cannot be used to meet the minimum entry requirements.

Subject	Grade
English Language (EL1)*	1-6
Mathematics (E or A)	1-6
Any three other subjects, excluding CCA	1-6
<b>2023 Planned Intake</b>	<b>70</b>
<b>Net ELR2B2 aggregate range (2023 JAE)</b>	<b>11 - 16</b>

To be eligible for selection, you must also have sat for at least one of the following subjects: Art/Art & Design, Business Studies, Combined Humanities, Commerce, Commercial Studies, Economics, Geography, History, Higher Art, Higher Music, Introduction to Enterprise Development, Literature in English/Chinese/Malay/Tamil, Media Studies (English/Chinese Language), Media Studies (Chinese Language), Music, Principles of Accounts.

\*Sijil Pelajaran Malaysia (SPM)/ Unified Examination Chinese (UEC) holders must have a minimum of grade 6 for the relevant English Language subject (e.g. Bahasa Inggeris).

## What You'll Learn

**YEAR 1**

YEAR 2

YEAR 3

TPFUN

Prepare to immerse yourself in the world of business! You will be exposed to multiple aspects of business fundamentals in your freshmen year. The knowledge picked up will lay the foundations for the next couple of years.

### Core Subjects

Subject Code	Subject	Credit Units
BAF1010	<b>Business Accounting</b> This module provides students with an understanding of core accounting principles from the preparation of accounting entries to the financial statements of businesses. In addition	4

to gaining practical knowledge of accounting, students will also learn to perform financial ratio analysis to draw critical insights, assess business performance and make impactful recommendations to management for improvement.

**BBS1001**

**Principles of Management**

**4**



This subject covers the key management functions of planning, organising, leading and controlling. It addresses the impact of environmental factors that affect business and the relevance of corporate social responsibility in an organisation. It emphasises the roles, responsibilities and challenges faced by supervisors/managers in an organisation.

**BBT1010**

**Business Technology & Analytics**

**4**



This subject provides an overview of how digitalisation and business technology impact the future of work and businesses. It also encompasses the utilisation of digital information and applications to facilitate decision making and problem solving through data analysis and visualisation.

**BEC1007**

**Business Economics**

**4**



This subject covers the fundamental principles of economics for understanding how individuals and firms make decisions. It will focus on the various aspects of the product market: demand and supply, elasticity, market competition and product differentiation. It also includes an overview of macroeconomic indicators, the government's macroeconomic objectives and policy tools.

**BLO1001**

**Business Statistics**

**4**



This subject provides an overview of descriptive and inferential statistics. It includes data description, basic

concepts of probability, correlation and regression, probability distributions, estimation and hypothesis testing. It also covers the use of computer software application to perform statistical computation for data analysis and interpretation.

**BLO1007**

**Supply Chain Management & Technology**

**4**



The subject provides an overview of the supply chain management and technology and their impact on the success of organisations. It focuses on the major functional components in a supply chain and explains how they interact with one another in contributing to the success of a business organisation. The application of technology will be emphasised, as technology is a key driver of business operations in the supply chain.

**BRM1005**

**Marketing Fundamentals**

**4**



This subject provides an understanding of the basic concepts and practices of modern marketing. It focuses on the marketing role and the tools utilised by marketers in developing the appropriate marketing mix for target market segments.

YEAR 1

**YEAR 2**

YEAR 3

TPFUN

You will pursue your chosen elective cluster: E-Commerce Logistics Cluster or Manufacturing Logistics Elective Cluster. Beyond classroom learning, you will be enriched with engaging experiences such as hands-on sessions at our Centres of Excellence, industry projects, industry talks and study trips.

**Core Subjects**

**Subject Code**

**Subject**

**Credit Units**

**BLO2016**

**Procurement & Materials Management**

**4**



This subject provides an overview on the strategies applied in global procurement as well as management

of suppliers worldwide. Material management techniques in ensuring optimal purchase and production of materials will be covered and the use of technology (such as ERP and/or RPA) in managing materials efficiently will also be introduced.

**BLO2017**

**Logistics Analytics**

**4**



This subject provides the basic tools and concepts of the various analytics techniques used for decision making and resource planning purposes. The broad themes of predictive and prescriptive analytics cover areas such as decision analysis, forecasting and regression techniques, queuing theory, linear programming and transportation methods. Relevant computer software will be incorporated to solve practical business problems.

**BLO2018**

**International Trade & Transport**

**4**



This subject provides an overview on the roles of international trade in supporting the economy and the various aspects of transport operations. Import & export procedures, international commercial terms and documents used in shipping and trade will be covered. Internet of things (IoT) platforms used in transport operation such as route planning and optimisation will also be introduced.

**BLO2010**

**Distribution Centre Management**

**4**



This subject provides an overview of the role of a Distribution Centre (DC) in the supply chain. It also covers the various activities performed within a DC and the significance of these activities on customer service and total logistics costs. It focuses on the major resources to be applied in a DC and explains how they interact with one another in contributing to the DC's

effectiveness and efficiency. It will also cover the significance of providing DC services to the Third-Party Logistics industry.

**BLO2019**

**Business Process Improvement Methods**

**4**



This subject provides the understanding of concepts, theories and methods used in process improvement. Necessary background, knowledge and application of logistics and operations measurement techniques such as time study, work sampling and other relevant analyses will be covered.

**BLO2020**

**International Trade & Digitalisation**

**4**



This subject provides an overview on international trade operations in an increasingly digitalised world. Trade theories and concepts underpinning international trade will be covered. Technologies and digital trade platforms such as the Singapore Networked Trade Platform (NTP) and Blockchain, which are changing the way resources are allocated and affecting how international trade operates will be introduced.

**BAF2007**

**International Finance**

**4**



This module introduces the documentation, methods of payment and the responsibilities of different parties in international trade, including the banks. It also covers the risk exposures of international trade and the measures of risk mitigation. Students will develop a broad vision and enhance their understanding of the role and nature of finance in a globalised world.

**BBT2004**

**Enterprise Resource Management**

**4**



This subject covers how an enterprise automates and integrates core

business processes such as taking customer orders, scheduling operations and keeping inventory records and financial data with the use of business software.

## Diploma Elective Subjects

Subject Code	Subject	Credit Units	
BBS2021	<b>Digital Business Development &amp; Strategies</b>  The subject covers business strategies and practices in marketing, pricing, sales, channel relationships and contract management for businesses dealing with technology products and services. It will examine current practices such as omni channel strategy that integrates with the partners. It also introduces steps to start up a new technology business from writing business proposal, identifying key personnel, funding to exit strategies.	4	^
ECC2014	<b>Industrial IoT Analytics</b>  This subject covers the essential concepts and skills needed for implementing digital transformation in smart manufacturing plants. It covers the application of industrial software platforms to wirelessly interconnect sensors, Internet of Things (IoT) devices and equipment. Students will learn to develop dashboard for acquiring, analysing and displaying data that is commonly found in Advanced Manufacturing. Modern approaches in activation of hardware and software responses when interventions are required for process improvement or corrective actions are also covered in detail.	4	^

Students in the E-Commerce Logistics Cluster and Manufacturing Logistics Elective Cluster will be taking BBS2021 and ECC2014 respectively.

YEAR 1

YEAR 2

**YEAR 3**

TPFUN

Harness your accumulated knowledge and apply them in real work settings! In your final year, you will experience the working world via an internship as well as an industry project.

### Core Subjects

Subject Code	Subject	Credit Units
<b>BLO2021</b>	<b>Chemical &amp; Cold Chain Logistics</b>  This subject provides an overview of the logistics activities performed by the chemical industry and cold chain industry. It covers basic knowledge of the international and Singapore regulations that governs the logistical aspects of storing, handling and transport of hazardous chemical products and chilled/frozen products. Topics related to health and safety factors that are associated with the storage, handling and transport of hazardous chemical products and chilled/frozen products will be covered to give a good understanding of the practices in these specialised industry.	<b>4</b>
<b>BLO3024</b>	<b>International Freight &amp; Trade Compliance</b>  This subject provides an overview in freight management and focuses on the significance of freight transport and trade compliance in the global business setting. Topics related to freight tariff systems, costing, operational flows, key performance indicators, customs documentation and clearance procedures will be covered to give a good understanding of the practices in international freight and trade compliance.	<b>4</b>



**BLO3025****Applied Project****4**

This subject requires the final year students to put together domain knowledge learnt in the course in the areas of International Trade and Logistics. It covers the various stages and processes that are needed to complete an applied project. The first stage involves understanding the project requirements so as to decide on the project objectives and to plan the appropriate research methodology. The second stage involves the research, data collection, analysis and evaluation. For the final stage, the entire findings of the project are to be communicated to the relevant parties and industry partners.

**Diploma Elective Subjects****Subject Code****Subject****Credit Units****BLO3026****Urban Logistics & E-Commerce****4**

This subject provides an overview of the logistical demands from e-commerce channels and focuses on the back-end supply chain management to support e-commerce. Topics related to the distribution networks and logistics resources that handle the online order fulfilment, transportation and delivery of goods within urbanised city landscape will be covered to give a good understanding of the practices in the e-commerce industry. This subject also covers the various new technologies adoption in e-commerce logistics to maximise the utilisation of resources and the new modes of collaborations to ensure long term sustainability of the industry.

**EMF3002****Manufacturing Logistics & Simulation****4**

This subject covers the concept of logistics in manufacturing, manufacturing planning, purchasing, warehousing, and simulation. PC software will be used to enhance your learning.

Students in the E-Commerce Logistics Cluster and Manufacturing Logistics Elective Cluster will be taking BLO3026 and EMF3002 respectively.

YEAR 1

YEAR 2

YEAR 3

**TPFUN**

You will also take this set of subjects that equips you with the crucial 21st-Century life skills you need to navigate the modern world as an agile, forward-thinking individual and team player.

### TP Fundamentals (TPFun) Subjects

Subject Code	Subject	Credit Units
<b>BSI3040</b>	<p><b>Student Internship Programme</b></p> <p>This structured programme is designed to link your learning with the real work environment. You will be placed in organisation(s) with opportunities to apply the concepts and skills acquired in the course of your study. Besides reinforcing technical concepts and mastering of skills in areas that you have been trained, the practical training will enable you to build important skills such as problem-solving, communication, teamwork, and to cultivate good attitude and a strong work ethic.</p>	<b>16</b>
<b>BTX1001</b>	<p><b>Effective Communication</b></p> <p>This subject introduces the fundamentals of effective communication. It also covers how to communicate with and convince an audience through writing and speaking tasks. The skills in this subject will include the application of strategies for communication, appropriate vocabulary, language features, visual</p>	<b>3</b>

aids, tone and style. The **Message, Audience, Purpose and Strategy** (MAPS) framework will also be applied when planning and engaging in written and verbal communication. There will be opportunities to communicate and collaborate through active learning activities, apply digital and information literacy skills and build competence through self-directed learning.

**BTX1002**

**Professional Communication**

**3**



This subject covers professional communication skills for the workplace and employability skills in the areas of career preparation. It covers communication and interpersonal skills, including effective virtual communication etiquette, and conducting oneself professionally in the workplace. In addition, essential career preparation skills such as resume writing and interview skills, needed to seek and secure work would be included. The **Message, Audience, Purpose and Strategy** (MAPS) framework would also be applied when engaging in written and verbal communication. There will be opportunities to communicate and collaborate through active learning activities, apply digital and information literacy skills and build competence through self-directed learning.




**GTP1301**




**Current Issues & Critical Thinking**

**3**



This subject covers current issues, including diverse local and global concerns, that will impact lives and may have critical implications for Singapore. There will be opportunities to build competence through self-directed learning, communicate and collaborate in active discussions and objectively analyse issues using digital and information literacy skills and critical thinking scaffolds.

<b>GTP1201</b>	<b>Career Readiness</b>	<b>1</b>	
<p>This subject focuses on personal management skills. It develops an understanding of one's career interests, values, personality and skills for career success. It covers the necessary knowledge, skills and attitudes needed to succeed in the workplace and achieve professional goals. There will be exposure to apply digital and information literacy skills, build competence through self-directed learning methods, and acquire the skills of being a lifelong learner.</p>			
<b>GTP1202</b>	<b>Career Management</b>	<b>1</b>	
<p>This subject focuses on career management skills. It covers the importance of workplace readiness skills to adapt and respond to the changing job market environment. Career ownership and continuous learning for lifelong employability will be emphasised. There will be exposure to apply digital and information literacy skills, build competence through self-directed learning, and acquire the skills of being a lifelong learner.</p>			
<b>BGS1002</b>	<b>Global Studies</b>	<b>3</b>	
<p>This subject provides essential skills and knowledge to prepare students for an overseas experience. They will examine the elements of culture and learn the key principles of cross-cultural communication. In addition, they will gain an appreciation and awareness of the political, economic, technological and social landscape to function effectively in a global environment. The subject prepares students to be responsible global citizens and leaders who can contribute to the global community through effective communication and collaboration.</p>			

<b>GTP1302</b>	<b>Guided Learning*</b>	<b>3</b>	
<p>The subject introduces students to the concepts and process of self-directed learning in a chosen area of inquiry. The process focusses on four stages: planning, performing, monitoring and reflecting. Students get to plan their individual learning project, refine and execute the learning plan, as well as monitor and reflect on their learning progress and project. The learning will be captured and showcased through a curated portfolio. The self-directed learning project will broaden and/or deepen a student's knowledge and skills. Students will enhance their problem solving and digital literacy skills through this subject.</p>			
<b>BIN1001</b>	<b>Innovation &amp; Entrepreneurship</b>	<b>2</b>	
<p>The subject is designed for learners from all disciplines to embrace innovation in either their specialised field or beyond. Learners will be taught to apply the Design Thinking framework to develop problem statements, ideate and identify feasible solutions. Learners will be exposed to several tools for prototyping. In addition, commercial awareness will be imbued in learners through various innovation and entrepreneurship concepts or tools. This subject also prepares students to be self-directed lifelong learners who are digital and information literate. It nurtures communicative and collaborative citizens who can use objective analysis in problem-solving.</p>			
<b>GTP1101</b>	<b>Leadership Fundamentals</b>	<b>2</b>	
<p>This subject focuses on self-leadership based on the values of integrity, respect, and responsibility. Increasing awareness of self and others will lay the foundations for personal and relationship effectiveness. Consequential thinking, clear articulation of personal values</p>			

and visions, emphatic listening, and collaboration in serving others are some of the essential skills covered in this leadership journey. There will be opportunities to build and to apply the concepts of being a values-centred leader.

**GTP1102**

**Leadership in Action**

**1**



This subject focuses on Service Learning as an experiential platform to apply the tenets of Self and Team Leadership. Service Learning will be the capstone project for this subject, which will require an analysis of the diverse needs of the community, collaboration with community partners and demonstration of learning, including key elements of empathy. There will be opportunities to build and to apply the concepts of being a values-centred leader.

**LSW1002**

**Sports & Wellness**

**2**



The subject enables students to build a good foundation for healthy living. Students will have the opportunity to participate in hands-on practical sessions where they will experience and develop both physical and technical skills in their chosen sports or fitness activities. Through a structured curriculum that facilitates group participation, practice sessions and mini competitions, students will be able to build lifelong skills such as resilience, leadership, communication and teamwork. Physical activity sessions will also be supplemented by health-related topics that span the dimensions of health, such as diet, nutrition, stress and weight management, to provide students with a holistic approach to healthy living. This subject also prepares students to be self-directed and accountable for lifelong learning for good health.

**TGS1001**

**Sustainability & Climate Action\***

**3**



This subject prepares students to be responsible global citizens and future leaders who can contribute to the global community. It introduces the topics of sustainability and explores how human societies can act to build a sustainable future. This subject focuses on the impact of climate change, potential solutions to climate change, and the future of the green economy from global and local perspectives.

\* Students must choose to take either **Sustainability & Climate Action** or **Guided Learning**.

## GRADUATION REQUIREMENTS

Cumulative Grade Point Average	min 1.0
TP Fundamentals Subjects	40 credit units
Diploma Subjects-Core Subjects	72 credit units
Diploma Subjects-Elective Subjects	min 8 credit units
<b>Total Credit Units Completed</b>	min 120 credit units