



DIPLOMA IN INTERNATIONAL TRADE & LOGISTICS (T07)

Course Overview

E-commerce platforms such as Lazada and Amazon have made it incredibly easy and convenient for us to shop online. With more consumers turning to e-commerce for all their needs, and international trade increasing exponentially, the demand for logistics professionals has never been greater.

Whether it's an interest in business innovation or being equipped with the planning and analytical skills required to manage logistics operations, this course has you covered.

Your industry readiness will be ensured through a firm foundation in business studies and specialised training in essential supply chain functions such as freight forwarding operations and supply management.

A holistic learning environment will also help develop your communication and group collaboration skills whilst providing exciting opportunities for real-world industry projects, overseas study trips and internships.



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
2022 Planned Intake	70
Net ELR2B2 aggregate range (2021 JAE)	-

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	Business Accounting This subject provides you with an understanding of the core accounting principles underlying accounting practice; from the preparation of accounting entries to the financial statements of businesses. It also focuses on how various businesses report the results of their activities in the financial statements.	4
BBS1001	Principles of Management 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.	4
BBT1010	Business Technology & Analytics 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.	4
BEC1007	Business Economics	4

	The 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, product differentiation. The subject includes an overview of macroeconomic indicators, the government's macroeconomic objectives and policy tools.		
BLO1001	Business Statistics The 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. The subject also covers the use of computer software application to perform statistical computation for data analysis and interpretation.	4	
BLO1007	Supply Chain Management & Technology 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.	4	
BRM1005	Marketing Fundamentals 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.	4	

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 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.	4	
BLO2017	Logistics Analytics 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.	4	
BLO2018	International Trade & Transport 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.	4	
BLO2010	Distribution Centre Management 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.	4	

BLO2010	Distribution Centre Management 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.	4	
BLO2019	Business Process Improvement Methods 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.	4	
BLO2020	International Trade & Digitalisation 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.	4	
BAF2007	International Finance The subject will cover trade documents and the role of banks in the trade system. This will include an examination of the incoterms (terms of delivery) and how the conduct of trade practices under each term can be used to define the responsibilities, ownership and the risk of importers and exporters. The subject will also cover how firms manage risk exposures to foreign exchange through the use of various financial instruments such as the foreign exchange spot and forward contracts, as well as options.	4	
BBT2004	Enterprise Resource Management 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.	4	

Diploma Elective Subjects

Subject Code	Subject	Credit Units	
BBS2021	Digital Business Development & Strategies 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	Industrial IoT Analytics 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.

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
BLO2021	<p>Chemical & Cold Chain Logistics</p> <p>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.</p>	4
BLO3024	<p>International Freight & Trade Compliance</p> <p>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.</p>	4
BLO3025	<p>Applied Project</p> <p>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.</p>	4

Diploma Elective Subjects






Subject Code	Subject	Credit Units
BLO3026	<p>Urban Logistics & E-Commerce</p> <p>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.</p>	4
EMF3002	<p>Manufacturing Logistics & Simulation</p> <p>This subject covers the concept of logistics in manufacturing, manufacturing planning, purchasing, warehousing, and simulation. PC software will be used to enhance your learning.</p>	4







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

You will also undergo TP Fundamentals (TPFun) – a set of subjects that equips you with the crucial life skills you need to navigate the modern world as an agile and forward-thinking individual, and team player.

TP Fundamentals (TPFun) Subjects

Subject Code	Subject	Credit Units
GTP1301	<p>Current Issues & Critical Thinking</p> <p>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.</p> <p>This subject aims to provide students with the knowledge and skills to:</p> <ul style="list-style-type: none"> • apply critical thinking tools to examine current issues. • effectively search for relevant information from a variety of sources. • evaluate research information. • cite sources to support their views. • articulate an informed opinion about current issues. 	3
BTX1001	<p>Effective Communication</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 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.</p> <p>This subject aims to equip students with the knowledge and skills to:</p> <ul style="list-style-type: none"> • apply the factors that influence effective communication. • structure a compelling point of view through a writing task. • express their ideas convincingly to an audience in an oral presentation. 	3
BTX1002	<p>Professional Communication</p> <p>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.</p> <p>The subject aims to equip students with the knowledge and skills to:</p> <ul style="list-style-type: none"> • communicate effectively in the workplace using principles of effective written communication and interpersonal skills. • apply effective job search and interview skills in their career preparation. 	3
GTP1101	<p>Leadership Fundamentals</p> <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 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.</p>	2

	<p>The aim of this subject is to guide students to:</p> <ul style="list-style-type: none"> • design a personal growth plan based on strengths, values and purpose. • apply the attributes of logical and emotional intelligence to improve team effectiveness. • identify the key messages of respect in relationships. • apply the principles of effective personal financial management. 		
GTP1102	<p>Leadership in Action</p> <p>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.</p> <p>This subject aims to equip students with the knowledge and skills to:</p> <ul style="list-style-type: none"> • plan and carry out a project to demonstrate empathy towards people in a diverse community. • apply diploma core knowledge and skills through the Service Learning platform to address community needs. • reflect on the Service Learning experience when working in teams and with community partners. 	1	
GTP1201	<p>Career Readiness CARE1</p> <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> <p>This subject aims to equip students with the knowledge and skills to:</p> <ul style="list-style-type: none"> • analyse personal characteristics that can contribute positively to achieving personal, educational and career goals. • make career decisions that are aligned with their interests, skills and values. 	1	
GTP1202	<p>Career Readiness CARE2</p> <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> <p>This subject aims to equip students with the knowledge and skills to:</p> <ul style="list-style-type: none"> • identify their work profiles to help them in their career choices in a changing job market environment. • take career ownership for continuous learning and lifelong employability. 	1	
LSW1002	<p>Sports & Wellness</p> <p>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.</p>	2	
BIN1001	<p>Innovation & Entrepreneurship</p> <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>	2	

BGS1002	Global Studies 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 citizens and leaders who can contribute to the global community through effective communication and collaboration.	3	
BGS1003	Managing Diversity at Work* This subject explores the concepts of identity, diversity and inclusion at the workplace. It examines the relationship between identity and diversity, the benefits and challenges of diversity and the strategies that promote inclusion and inspire collaboration in a diverse workplace. Examples of the elements of diversity covered in this subject include nationality, generation, ethnicity and gender. The subject prepares students to be responsible citizens and leaders who can contribute to the global community through effective communication and collaboration.	3	
BGS1004	Global Citizenship & Community Development* Students will examine the meaning and responsibilities of being a Global Citizen, in order to contribute towards a more equitable and sustainable world. In addition, students will learn how sustainable solutions can support community development, and, execute and critique a community action plan that addresses the needs of a specific community/cause. The subject prepares students to be responsible citizens and leaders who can contribute to the global community through effective communication and collaboration.	3	
BGS1005	Expressions of Culture* This subject provides a platform for an understanding of culture and heritage through modes of expression. Students will be introduced to global and local cultures via everyday objects, places and human behaviour seen through time and space. Students will explore issues and challenges in culture and heritage sustainability in community, national and global contexts. The subject prepares students to be responsible citizens and leaders who can contribute to the global community through effective communication and collaboration.	3	
GTP1302	Guided Learning 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.	3	
BSI3031	Student Internship Programme 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.	16	

** Students must choose one of these three electives under the 'Global Studies 2' subject, or take '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
Total Credit Units Completed	min 120 credit units