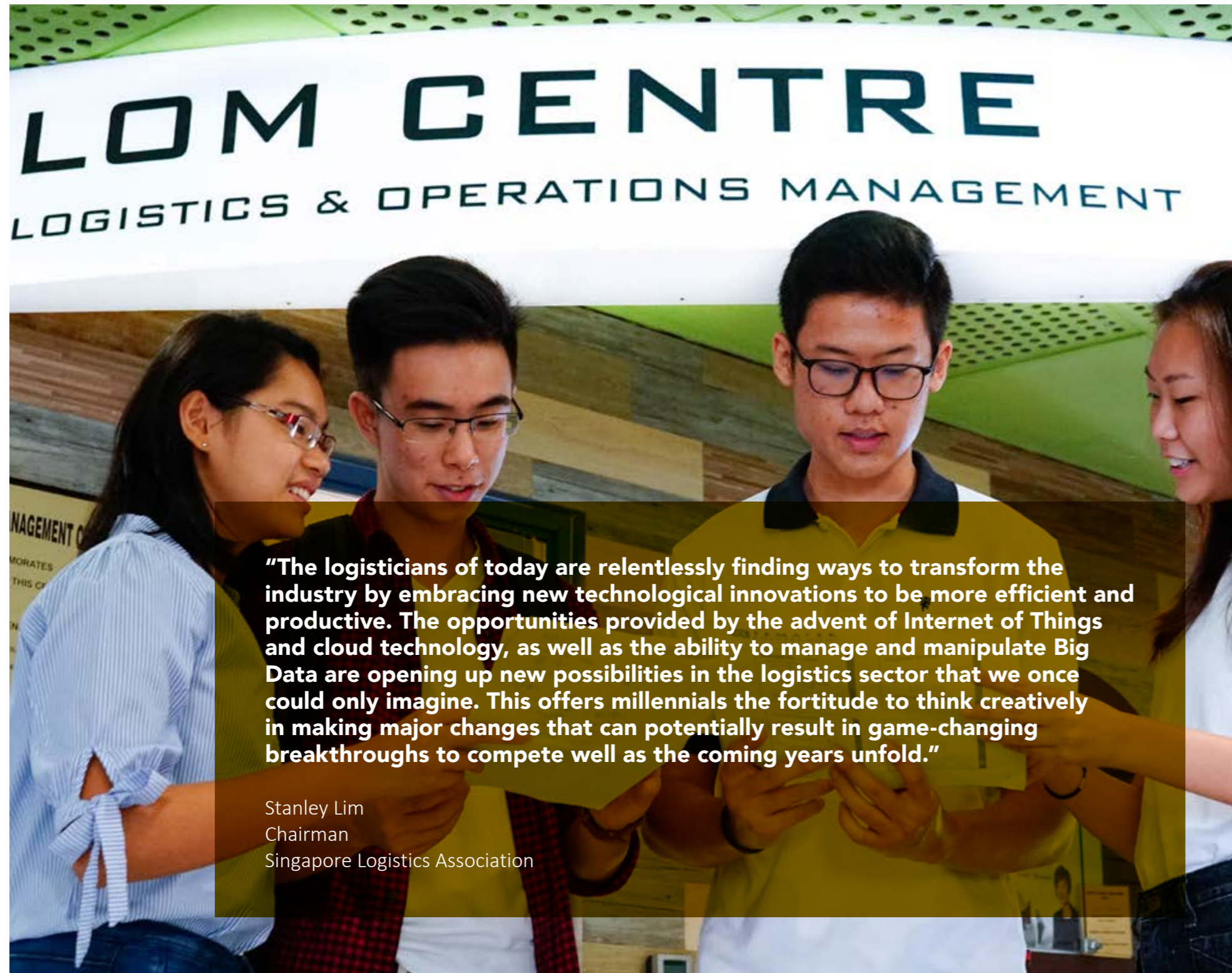


Logistics & Operations Management



"The logisticians of today are relentlessly finding ways to transform the industry by embracing new technological innovations to be more efficient and productive. The opportunities provided by the advent of Internet of Things and cloud technology, as well as the ability to manage and manipulate Big Data are opening up new possibilities in the logistics sector that we once could only imagine. This offers millennials the fortitude to think creatively in making major changes that can potentially result in game-changing breakthroughs to compete well as the coming years unfold."

Stanley Lim
Chairman
Singapore Logistics Association

Any company that is involved in making, storing or selling a product, or providing a service, needs people with knowledge and skills in logistics and operations. The employment opportunities and career prospects are abundant as organisations extend their geographical reach and influence. Companies need trained people who understand the nature of logistics and supply chain in an increasingly connected world.

Besides TP Fundamental (TPFun) subjects that aim to nurture you as a Lifelong Learner, Future-oriented Creator and Values-centred Leader, the course provides you with relevant knowledge and up-to-date skills for the exciting logistics industry.

The course provides you with a strong business foundation in the Freshmen year through subjects such as Business Accounting, Business Technology & Analytics, Business Statistics, Business Economics, Economics in a Globalised World, Principles of Management and Marketing Fundamentals. In the Junior year, you will develop core Logistics & IT competencies through both quantitative and qualitative subjects such as Supply Chain Management & Technology, Operations Management, Purchasing Principles & Practice, Quantitative Analysis for Business, Distribution Centre

Management, Materials Management, Transport & Freight Management, International Freight Practices, Enterprise Resource Management and Business Process Management & Simulation.

In order to help you consolidate your learning of relevant knowledge, integrate the skills acquired from the course, and to better prepare for the practicality of logistics and operations activities in the real world, you will be required to participate in the 20-week SIP and to undertake an industry-based project in your Senior Year. To broaden your international trade knowledge and entrepreneurial skillsets in a globalised economy, you will also be introduced to International Finance and can opt for an elective in Business Startup Launchpad, Marketing Account Management or Data Mining & Social Media Analytics.

The overall emphasis of the training is guided by a practical approach, which relies on up-to-date computer-based learning materials and methodologies, and software application packages used in the industry to enhance digital literacy. You will also develop communication, interpersonal, team and problem-solving skills.

Career Opportunities

The multi-disciplinary nature of the course prepares you for a wide range of career opportunities with local and multinational businesses in industries with Logistics & Supply Chain operations such as freight forwarders, shippers, retailers, hospitals, banks and manufacturers. Entry level positions include Business Analyst, Buyer, Purchasing Officer, Customer Service Officer, Import/ Export Coordinator, Inventory Controller, Operations Executive, Supply Chain Analyst, Transport Executive and Warehouse Executive. Besides opportunities in the logistics industry, you can also explore other career opportunities in the Trade & Connectivity cluster including wholesales trade and transport sectors.

You will be well-prepared to pursue your passions or further skills-deepening opportunities in post-diploma programmes such as the Earn & Learn Programme in logistics and other related sectors, or undergraduate courses with universities.

Graduation Requirements

Cumulative Grade Point Average : min 1.0

TP Fundamentals Subjects : 24 credit units

Diploma Subjects

Core Subjects : 80 credit units

Elective Subjects : 4 credit units

Total Credit Units Completed : min 124 credit units

Application

Apply during the Joint Admissions Exercise following the release of the GCE O Level results. For other categories of local applicants, please refer to the section on “Admission and Requirements”. For international students, please refer to the section on “Information for International Students”.

Entry Requirements for Singapore-Cambridge GCE O Level Qualification Holders

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.

For details on GCE O Level Minimum Entry Requirements, refer to page 41.

Course Structure

TP FUNDAMENTALS (TPFun) SUBJECTS				
SUBJECT CODE	SUBJECT	LEVEL	CREDIT UNITS	
BCS1011	Communication & Information Literacy	1	2	
BCS1012	Workplace Communication	1	2	
BCS1013	Persuasive Communication	1	2	
BGS1002	Global Studies	1	3	
BGS1003	Managing Diversity at Work*	1	3	
BGS1004	Global Citizenship & Community Development*	1	3	
BGS1005	Expressions of Culture*	1	3	
BIN1001	Innovation & Entrepreneurship	1	2	
GCC1001	Current Issues & Critical Thinking	1	2	
LEA1011	Leadership: Essential Attributes & Practice 1	1	1	
LEA1012	Leadership: Essential Attributes & Practice 2	1	1	
LEA1013	Leadership: Essential Attributes & Practice 3	1	1	
LSW1002	Sports & Wellness	1	2	
MCR1001	Career Readiness 1	1	1	
MCR1002	Career Readiness 2	1	1	
MCR1003	Career Readiness 3	1	1	
TGL1001	Guided Learning	1	3	
BSI3031	Student Internship Programme	3	16	

** Students must choose one of these three subjects or TGL1001 Guided Learning.*

DIPLOMA SUBJECTS – CORE SUBJECTS

SUBJECT CODE	SUBJECT	LEVEL	CREDIT UNITS
BAF1010	Business Accounting	1	4
BBS1001	Principles of Management	1	4
BBT1010	Business Technology & Analytics	1	4
BEC1007	Business Economics	1	4
BEC1008	Economics in a Globalised World	1	4
BLO1001	Business Statistics	1	4
BRM1005	Marketing Fundamentals	1	4
BAF2007	International Finance	2	4
BBT2004	Enterprise Resource Management	2	4
BLO2004	Operations Management	2	4
BLO2005	Purchasing Principles & Practice	2	4
BLO2010	Distribution Centre Management	2	4
BLO2011	Materials Management	2	4
BLO2013	Supply Chain Management & Technology	2	4
BLO2014	Quantitative Analysis for Business	2	4
BLO2015	Transport & Freight Management	2	4
BLO3016	International Freight Practices	3	4
BLO3023	Business Process Management & Simulation	3	4
BMP3007	Major Project	3	8

DIPLOMA SUBJECTS – ELECTIVE SUBJECTS

SUBJECT CODE	SUBJECT	LEVEL	CREDIT UNITS
BBS2013	Startup Launchpad	2	4
BBT2005	Data Mining & Social Media Analytics	2	4
BMK2021	Marketing Account Management	2	4