

# Common ICT Programme



Are you excited and curious about new technologies? Do you desire to apply technology to enrich the lives of those around you in your community, in businesses and organisations? Are you the type of person who wants to be the first to try out new technologies? Do you want a career in which you work with emerging technologies in fields such as analytics, artificial intelligence, big data, cyber-security, financial technologies or game development? If your answer to most of these questions is "YES", then the Common ICT Programme is one that you should consider.

The Common ICT Programme lasts for one year. In this programme you will learn the fundamentals of information technology through a strong foundation in modules such as coding and computational thinking, data analytics, IT systems security and user experience. Before you complete the one-year programme, you will be asked to choose which of the following diploma courses you want to undertake for the next two years of study:

- Big Data & Analytics
- Cybersecurity & Digital Forensics
- Financial Business Informatics
- Game Design & Development
- Information Technology

The Common ICT Programme gives you time to learn more about the diploma courses offered in the School and to make a more informed decision on the job role you want to pursue.

## **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 214.

## Course Structure

TP FUNDAMENTALS (TPFun) SUBJECTS				
SUBJECT CODE	SUBJECT	LEVEL	CREDIT UNITS	
CCS1006	Communication & Information Literacy	1	2	
CCS1007	Workplace Communication	1	2	
CGS1002	Global Studies	1	3	
GCC1001	Current Issues & Critical Thinking	1	2	
LEA1011	Leadership: Essential Attributes & Practice 1	1	1	
LSW1002	Sports & Wellness	1	2	
MCR1001	Career Readiness 1	1	1	

DIPLOMA SUBJECTS – CORE SUBJECTS				
SUBJECT CODE	SUBJECT	LEVEL	CREDIT UNITS	
CCF1C02	IT Systems Security Essentials	1	4	
CIA1C06	Database Application Development	1	4	
CIA1C07	Logic & Mathematics	1	3	
CIA1C10	Data Analytics	1	4	
CIT1C14	Data Structures & Algorithms	1	4	
CIT1C18	Computational Thinking	1	4	
CIT1C19	User Experience & Interface Design	1	3	
CIT1C20	Coding & Development Project	1	4	
CMC1C08	Network Technology	1	4	