



# Digital Trends and Applications

## 數碼趨勢及應用

領域

Area D

## Objectives 領域目標

- Demonstrate how the rapid development of information and communication technology (ICT) in the 21st century has altered the landscape of a literate environment  
展示 21 世紀快速的信息和通信技術發展如何改變識字環境的面貌
- Describe the unprecedented changes brought by technology to modern life  
說明科技對現代生活所帶來前所未有的變化
- Promote good digital proficiency, technological awareness, digital culture, and the integration of technology into various aspects of life  
推進良好的數碼能力、技術認知、數碼文化和科技結合於生活的各方面中

## Course List 科目選擇

- The courses are as below (courses offered in each semester will be adjusted depending on the availability):  
科目如下 (每個學期提供的科目會因應需要而作出調整) :

Code	Course Title	Medium	Enrolment Constraints
GED105	Mathematical Elements in Human Life	English	
GED110	Predicting Human Behavior with Big Data	English	Not for students who passed GEB107
GED111	Data and Society	English	Not for students who passed GEB111
GED112	Network Fundamental and Cybersecurity	English	
GED113	Understanding Metaverse – Trends and Applications	English	
GED114	Diving into the Language Data Pool	English	
GED115	3D Beginners' Village: Introductory Bootcamp for 3D Design	English	
GED211	Writing Your First Apps Using Python Programs	English / Cantonese	Not for students who passed GEB204
GED212	Writing Apps for both Android and iOS Mobile Phones	English	Not for students who passed GEB208
GED213	Artificial Intelligence (AI) in Everyday Life	English	Not for students who passed GEB210
GED214	Smart Cities - Technologies and Applications	English	Not for students who passed GEB211
GED215	Cloud Computing Features and Applications	English	Not for students who passed GEB212
GED216	Introduction to Spatial Data and Geographic Information System (GIS)	English	
GED217	Exploring Data Analysis and Visualisation with R	English	
GED218	Digital Safety in Daily Life	English	

Code	Course Title	Medium	Enrolment Constraints
GED219	Legal Pitfalls in the Digital Era	English	
GED220	Becoming Computational Thinkers: Solving Problems in Arts and Humanities	English	