Why do you need to study Design and Applied Technology (DAT)?
In the 21st century, technology has become an integral part of our life. DAT will equip students with the ability of using technology and design to face the rapid social, economic, and technological changes.

What is it about?
The overarching aim of DAT is to provide students with the fundamental knowledge and skills in technology and design, and cultivate in them the necessary attributes of innovation and entrepreneurship in order to face the rapid changes in a knowledge-based economy.

What can you learn from it?
DAT calls for the understanding and application of knowledge in a range of technological areas to address particular needs and aspirations. It encourages students to explore the synthesis of ideas and practices, and examine the effect of technology on society and the environment.

Curriculum Structure:
- Compulsory part (3 strands)
  - Design and Innovation
  - Technological Principles
  - Value and Impact
- Elective part (any 2 optional modules)
  - Automation
  - Creative Digital Media
  - Electronics
  - Design Implementation and Material Processing
  - Visualisation and CAD Modelling

Examples of design project:
- **Underground Shopping Mall**
  Tsang King Chun, Student of HICKLA Buddhist Ching Kok Secondary School
  “A good architectural design will not only have a pleasing outlook, but also fit in harmony with the environment surroundings. I learnt a lot of design skills through this design coursework.”

- **Floor Cleaning Robot**
  Lee Kwok Chuen, Student of Po Leung Kuk C W Chu College
  “Robot technology is not difficult for me any more. My interest and understanding towards product design were boosted. I realised that technology and living were interrelated.”

- **Merry Go Round Coin Box**
  Chan Chi Hang, Student of S.T.E.A.M. Seaward Woo Woo College
  “The design process has greatly enhanced my skills and experiences in modelling and electronics, as well as my aspiration to perfection and ever-improving quality has been cultivated.”

How can DAT help you prepare for your future?
Students will find DAT helpful in further studies or attracting them into the design and advanced technology fields in the areas such as design, technology, engineering and creative industry.

Possible Areas for Career Development
e.g. Engineering / Design / Applied Science / Media Communication / Education

Related local / overseas Degree Programmes
e.g. Electronic / Electrical Engineering, Automation and Computer-aided Engineering, Design, Media / Digital Graphic Communication and Engineering Management

We cultivate the attributes of Innovation and Entrepreneurship
Technology Education Key Learning Area

- Operations and Manufacturing
- Systems and Control
- Materials and Structures

Government of Hong Kong Special Administrative Region, Education Bureau, Technology Education Section
www.edb.gov.hk/cd/te