公開評核要求甚麼課業？

校本評核佔本科目40%的比重。考生將獲發設計作業的題目，及須於指定時期完成設計作業，並呈交製作成品/ 模型及資料夾。

「設計與應用科技」校本評核設計作業展覽及資源

EDB.GOV.HK/TC/TE/DAT-SBA/

為何選擇修讀設計與應用科技？

踏入21世紀，科技已融入我們的日常生活中，成為我們生活中不可或缺的一部分。學生修讀「設計與應用科技」科，有助他們掌握運用科技與設計的能力以面對社會、經濟及科技的急劇轉變。

甚麼是本科的學習範圍？

設計與應用科技課程旨在為學生提供科技與設計的基礎知識和技能，培養他們具備創新及富創業精神的特質，以面對在知識型經濟環境中的高速發展。

你能夠透過本科的學習學到些甚麼？

透過本科的學習，學生能理解和應用一系列科技領域中的知識，以處理特定的設計需要和期望，能探討如何綜合意念與實踐，並檢視科技對社會和環境的影響。

本科如何裝備你為未來作出準備？

修讀「設計與應用科技」科，有助學生在設計、科技、工程和創意工業等方面繼續升學或投身設計及高科技行業。

職業發展

例如：工程/設計/應用科學/建築/教育

與設計及應用科技有關的本地與海外大學學位課程

例如：電子及電機工程、建築學、工程管理、智能製造工程、設計或媒體/數碼圖象傳意、生物醫學工程、材料科學與工程、航空及機械工程、環境設計、產品設計、社會創新設計、城市研究、創意與數碼藝術、創新與科技

課程結構

必修部分(三個學習範疇)

- 設計與創新
- 科技原理
- 價值與影響

選修部分(選修其中兩個單元)

- 自動化操作
- 創意數碼媒體
- 電子
- 設計實踐與材料處理
- 視像化及電腦輔助設計模塑

高中 設計與應用科技

What are the coursework of the public assessment ?

The School-based assessment will carry 40% of the subject mark. A project list will be provided to candidates. Candidates are required to complete the project work and submit the artefacts / models and portfolio by a specified time.

Exhibition and Resources of Design and Applied Technology School-based Assessment Design Projects

EDB.GOV.HK/EN/TE/DAT-SBA/

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 / Architectural / Education

Related Local/ Overseas Degree Programmes
e.g. Electronic / Electrical Engineering, Architectural Studies, Engineering Management, Intelligent Manufacturing Engineering, Automation and Computer-aided Engineering, Biomedical Engineering, Materials Science and Engineering, Aviation and Mechanical Engineering, Environmental Design, Product Design, Social Design, Urban Studies, Creative and Digital Arts, Innovation and Technology Design

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 DAT 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 DAT?

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

SENIOR SECONDARY
DESIGN & APPLIED TECHNOLOGY