

Design and Applied Technology

(for students studying in S5 or S6 in the 2013/14 sy and taking the 2015 or 2014 HKDSE Exam)

Why do you need to study Design and Applied Technology (DAT)?

The overarching aim of the Design and Applied Technology (DAT) curriculum is to provide students with fundamental knowledge and skills in technology and design, and to cultivate them the attributes of innovation and entrepreneurship necessary to face the rapid social, economic and technological changes in a knowledge-based economy.

What will 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 and synthesize ideas and put them into practice, and to examine the values and impacts of technology applications. The curriculum structure of the subject is as follows.

Compulsory part:	Elective part:
3 Strands: <ul style="list-style-type: none">➤ Design and Innovation➤ Technological Principles➤ Values and Impact	5 Electives: (Choose any 2 optional modules) <ul style="list-style-type: none">➤ Automation➤ Creative Digital Media➤ Design Implementation and Material Processing➤ Electronics➤ Visualisation and CAD Modeling

How will you be assessed in DAT?

Public examination

The public assessment will consist of a public examination component and a school-based assessment (SBA) component. Public examination Paper 1 (compulsory part) and Paper 2 (Elective part) will carry 30% each of the subject mark.

School-based Assessment

School-based Assessment will carry 40% of the subject mark. Candidates are required to complete a design project in the SBA. A project list will be provided to candidates for selection by the HKEAA.

Highlights of changes in connection to the curriculum and assessment for S6 and S5 students

S6	<ul style="list-style-type: none">• The curriculum and assessment frameworks of DAT remain unchanged.• Although project title list was not provided by the Hong Kong Examinations and Assessment Authority for HKDSE in 2014, but a sample project title list was provided in the “2014 School-based Assessment Teachers’ Handbook” for teachers’ and students’ reference.
S5	<ul style="list-style-type: none">• The curriculum and assessment frameworks of DAT remain unchanged.• Suggested titles for SBA project will be provided by the Hong Kong Examinations and Assessment Authority for HKDSE in and after 2015, details will be published in the “2015 School-based Assessment Teachers’ Handbook”.

How can the subject help you prepare for your future?

DAT will help students to study in areas such as design, technology, engineering and creative industry at the tertiary level or will attract them into the design and advanced technology fields.

- **Further Studies:** Courses related to engineering, design, architectural, media/digital graphic communication, etc.
- **Career Development:** Professions / trades related to engineering, design, architectural, industrial management, applied technologies, creative industry, or education, etc.

For further information, please refer to EDB’s website “New Academic Structure Web Bulletin” (<http://334.edb.hkedcity.net/EN/>) or consult your teacher.