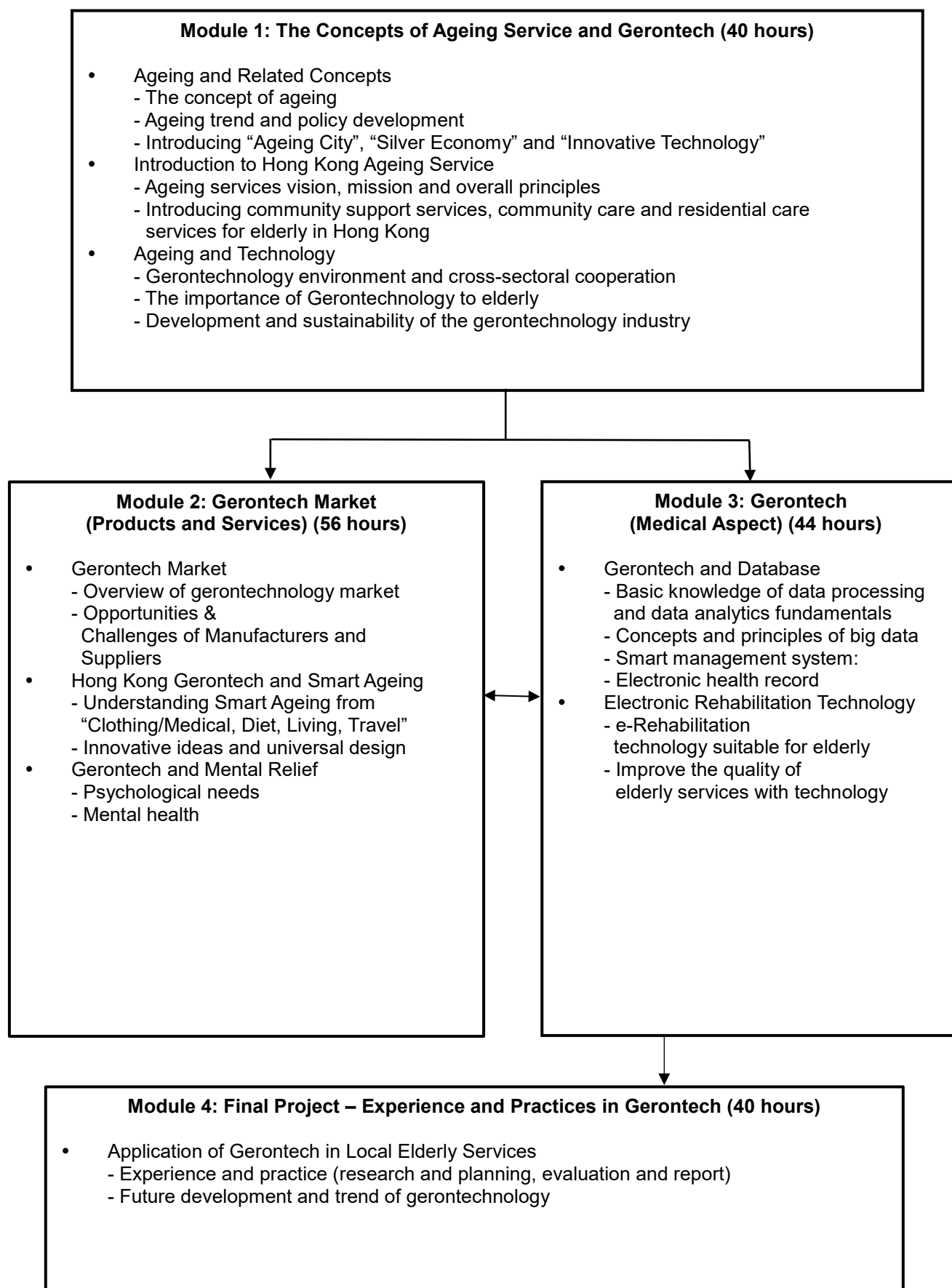


Applied Learning

2024-26 Cohort; 2026 HKDSE

Item	Description
1. Course Title	Gerontech and Services
2. Course Provider	Hong Kong College of Technology
3. Area of Studies/ Course Cluster	Services/ Personal and Community Services
4. Medium of Instruction	Chinese
5. Learning Outcomes	<p>Upon completion of the course, students should be able to:</p> <ul style="list-style-type: none"> (i) demonstrate a basic understanding of the concept related to ageing services and gerontechnology; (ii) demonstrate proper values and attitudes to face the challenges of population ageing; (iii) explain the importance of gerontechnology to improve the quality of elderly services from technology and people-oriented perspectives; (iv) identify the application of different gerontechnology products; (v) apply different gerontechnology products to improve the quality of elderly services, thereby demonstrating communication skills and problem-solving skills; and (vi) enhance self-understanding and explore directions on further studies and career pursuits.

6. Curriculum Map – Organisation and Structure



7. The Context

- The information on possible further study and career pathways is provided to enhance students' understanding of the wider context of the specific Applied Learning course.
- The recognition of Applied Learning courses for admission to further studies and career opportunities is at the discretion of relevant institutions. Students who have successfully completed Applied Learning courses have to meet other entry requirements as specified by the institutions.

Possible further study and career pathways

Further studies

- e.g. courses related to social services, social work, gerontology, rehabilitation services, health care, occupational therapy, information technology, product design

Career development

- e.g. welfare worker, care worker, programme assistant, community health worker, nursing assistant, gerontechnology application counsellor, occupational therapy assistant, product design assistant

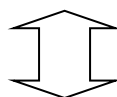
Complementarity with core subjects and other elective subjects

Enhancing and enriching, e.g.

- students taking **Health Management and Social Care** may enhance the understanding on how technology improves the quality of elderly services

Expanding horizons, e.g.

- students taking **Technology and Living** and/or **Information and Communication Technology** may broaden their horizons of the technology application in elderly services



Gerontech and Services

Relations with other areas of studies/ courses of Applied Learning

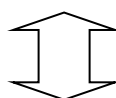
e.g.

Business, Management and Law

- this course can inspire business ideas and opportunities in the gerontechnology and services industry

Applied Science

- students taking the course in Medical Science and Health Care can understand the most up-to-date technology to elderly services



Foundation knowledge developed in junior secondary education

The course is built upon the foundation knowledge students acquired in, e.g.

- **Chinese Language Education** and **English Language Education** – listening and speaking skills
- **Personal, Social and Humanities Education** – mutual respect, social responsibility, community living

8. Learning and Teaching

In this course, student-centred learning and teaching activities are designed to enable students to understand fundamental theories and concepts, develop their generic skills, and address their career aspirations in gerontechnology and ageing services.

Different modes of activities are employed to provide students with a systematic understanding about the context (e.g. lecture on understanding the concept of ageing services and gerontechnology) and eye-opening opportunities to experience the complexity of the context (e.g. visit to Gerontechnology Production Company to understand the professional knowledge of the latest technology application in the industry of eldercare).

Students acquire an understanding of the requirements, fundamental knowledge and skills essential for further learning within the area through learning-by-practising opportunities in an authentic or near-authentic environment (e.g. Students visit regional residential care homes to understand the daily needs of elderly and to propose a design concept related to “clothing/medical, diet, living and travel” to improve the quality of life of the elderly).

Students are also encouraged to develop and apply conceptual, practical and reflective skills to demonstrate entrepreneurship and innovation. Students are given opportunities to integrate the knowledge and skills acquired and consolidate their learning (e.g. Students work in group to do the project learning on a gerontechnology product, and introduce the related concepts, services and products of gerontechnology as stated in the proposal.).

9. Curriculum Pillars of Applied Learning

Through related contexts, students have different learning opportunities, for example:

(i) **Career-related Competencies**

- describe the development trend of ageing services and gerontechnology related industry;
- introduce relevant gerontechnology products to the public to enhance public attention to the quality of life of elderly; and
- integrate the knowledge acquired to propose solutions to improve the quality of elderly services.

(ii) **Foundation Skills**

- communicate effectively in conveying ideas and opinions to audiences; and
- apply information technology skills in multimedia presentation.

(iii) **Thinking Skills**

- use problem-solving and decision-making skills to suggest suitable gerontechnology products, services and systems; and
- analyse the development and sustainability of the gerontechnology.

(iv) **People Skills**

- demonstrate interpersonal skills through how to handle conflicts with team members during group activities;
- cultivate team spirit through displaying and introducing gerontechnology products, services and systems to the public in group projects; and
- develop self-management skills through composing the study logs and compliance with the guidelines in using gerontechnology products.

(v) **Values and Attitudes**

- demonstrate willingness to learn the latest gerontechnology products when promoting elderly services; and
- demonstrate a positive, caring and dedicated attitude in dealing with the elderly.