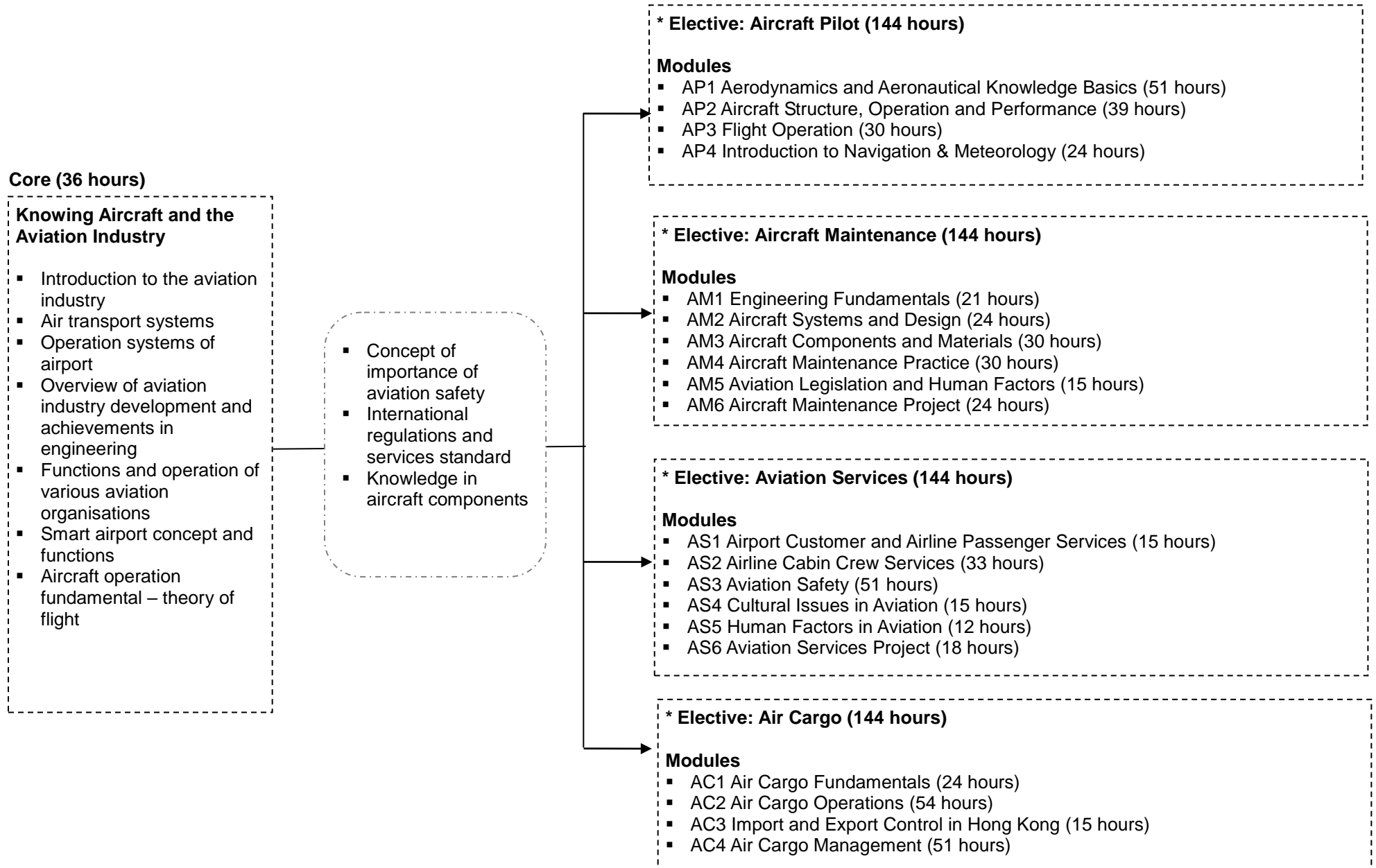


Applied Learning (Senior Secondary Level)**2020-22 Cohort**

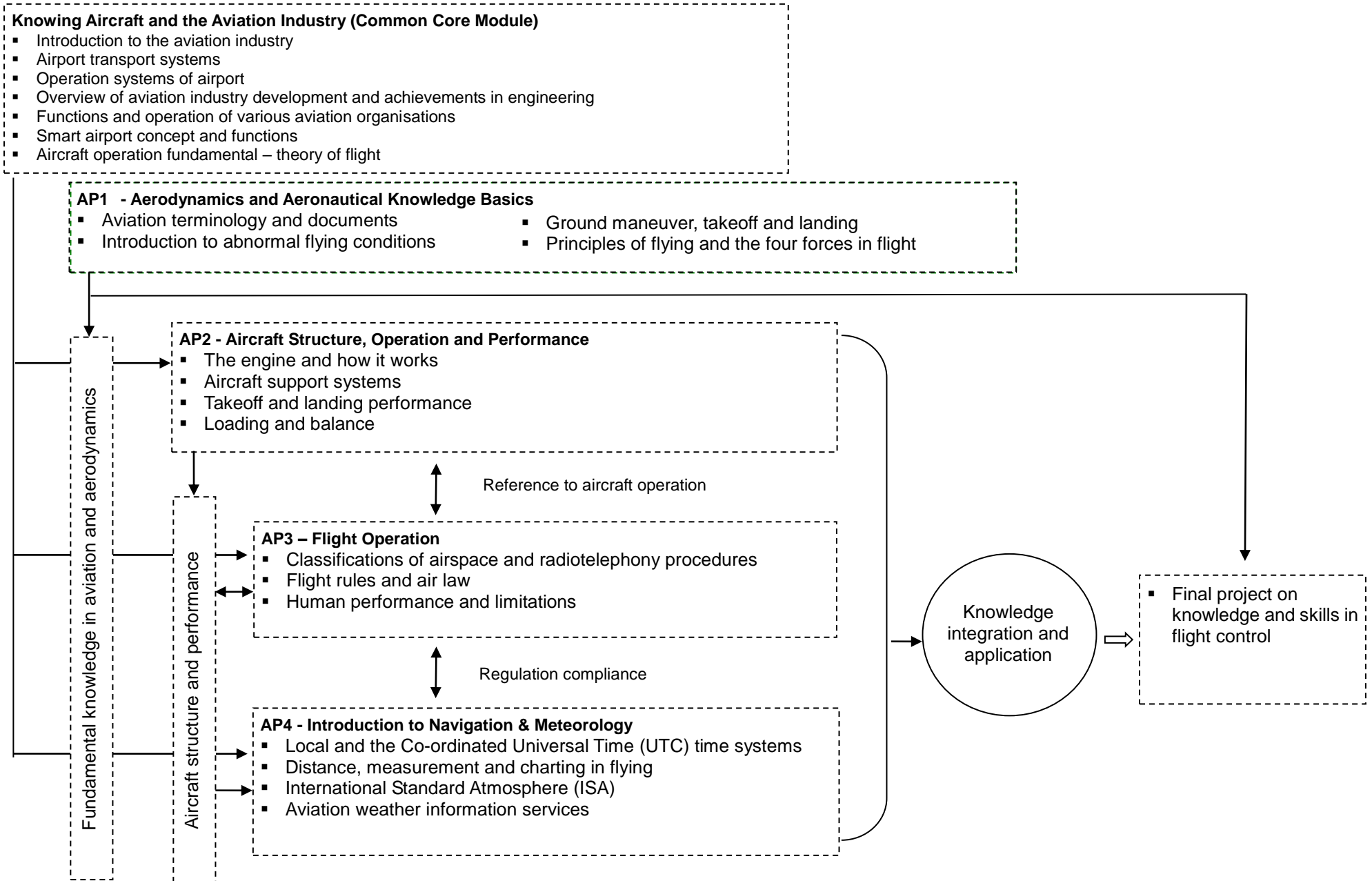
Item	Description
1. Subject Title	Aviation Studies
2. Course Provider	School of Professional and Continuing Education, The University of Hong Kong
3. Area of Studies/ Course Cluster	Engineering and Production/Services Engineering
4. Medium of Instruction	Chinese or English (The course will be conducted in English for students taking “Aircraft Pilot elective”)
5. Learning Outcomes	<p>Upon completion of the subject, students should be able to:</p> <ol style="list-style-type: none"> (1) describe the functions and operation of various aviation organisations including airport authority and airlines; (2) describe international regulations and standard requirements in the aviation industry; (3) apply practical skills in the aviation industry; (4) demonstrate problem-solving skills through tackling aviation-related issues with multi-disciplinary knowledge; (5) appreciate the importance of teamwork and communication in the aviation industry; (6) appreciate the latest development and achievements in engineering in related fields; (7) describe the work ethics and demonstrate positive values and attitudes in the aviation industry; and (8) develop self-understanding for further studies and career development in the related field.

6. Curriculum Map – Organisation and Structure (Aviation Studies – Overview)

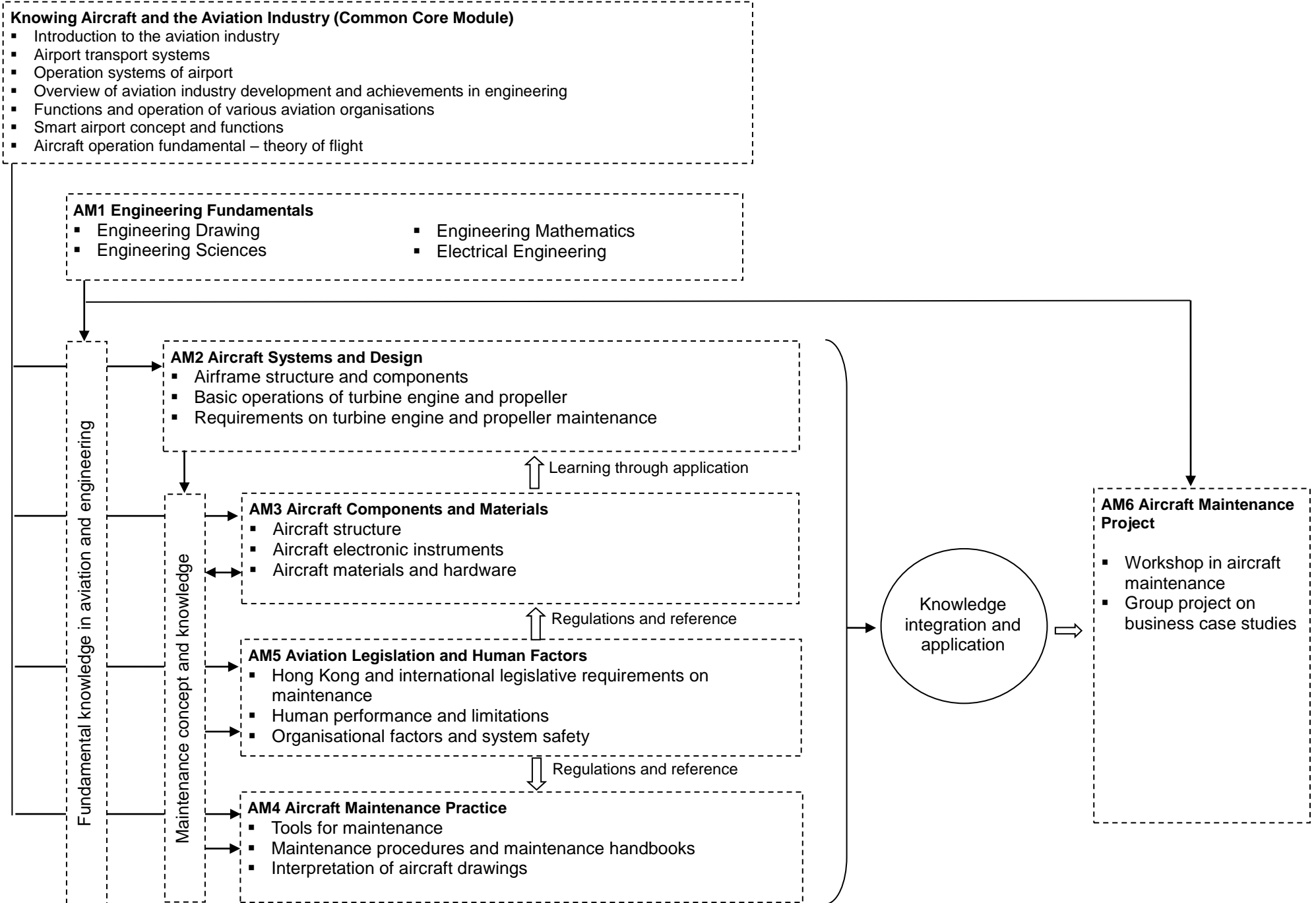


* Choose one of the electives

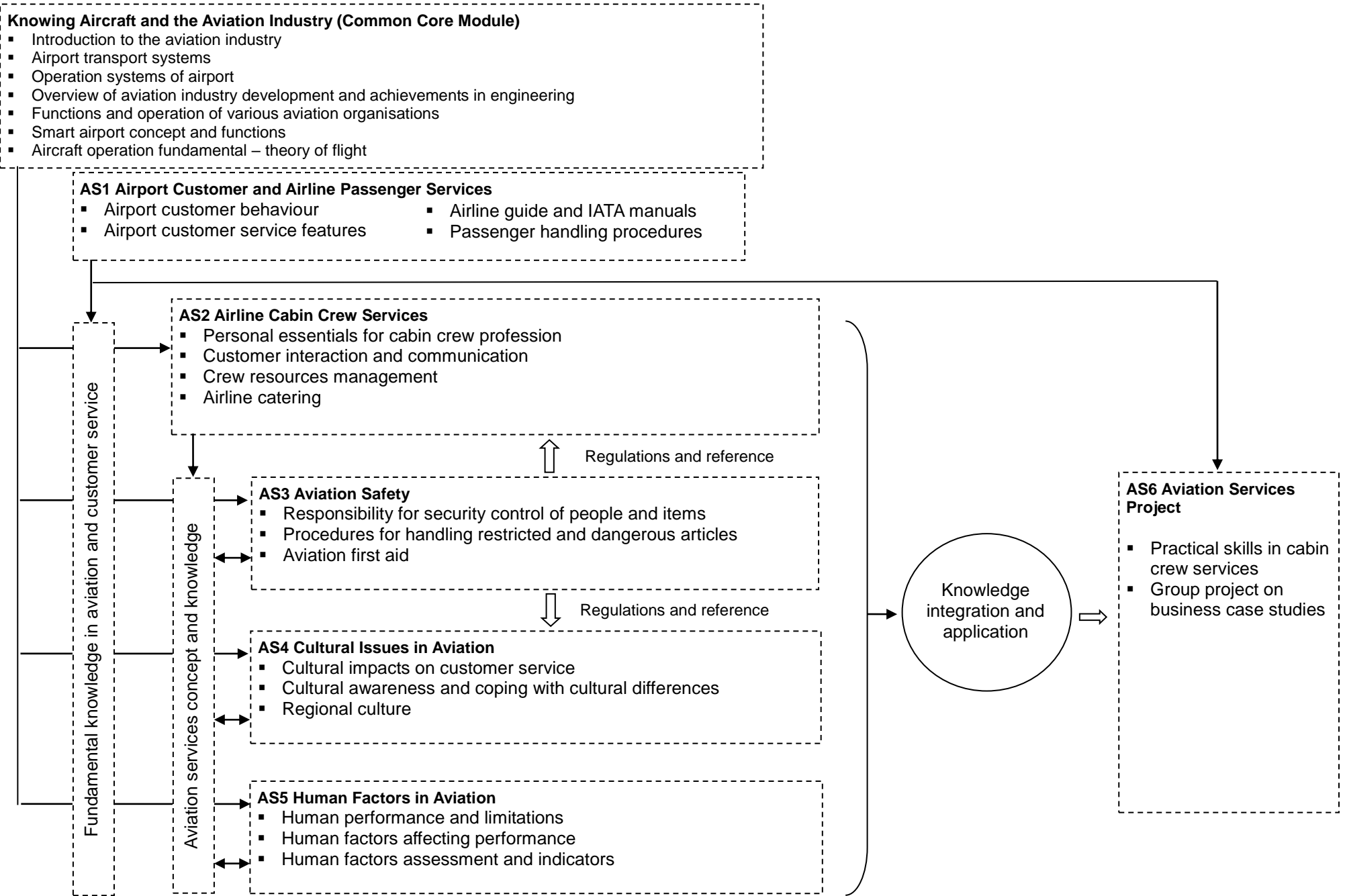
**6. Curriculum Map – Organisation and Structure
(Elective: Aircraft Pilot)**



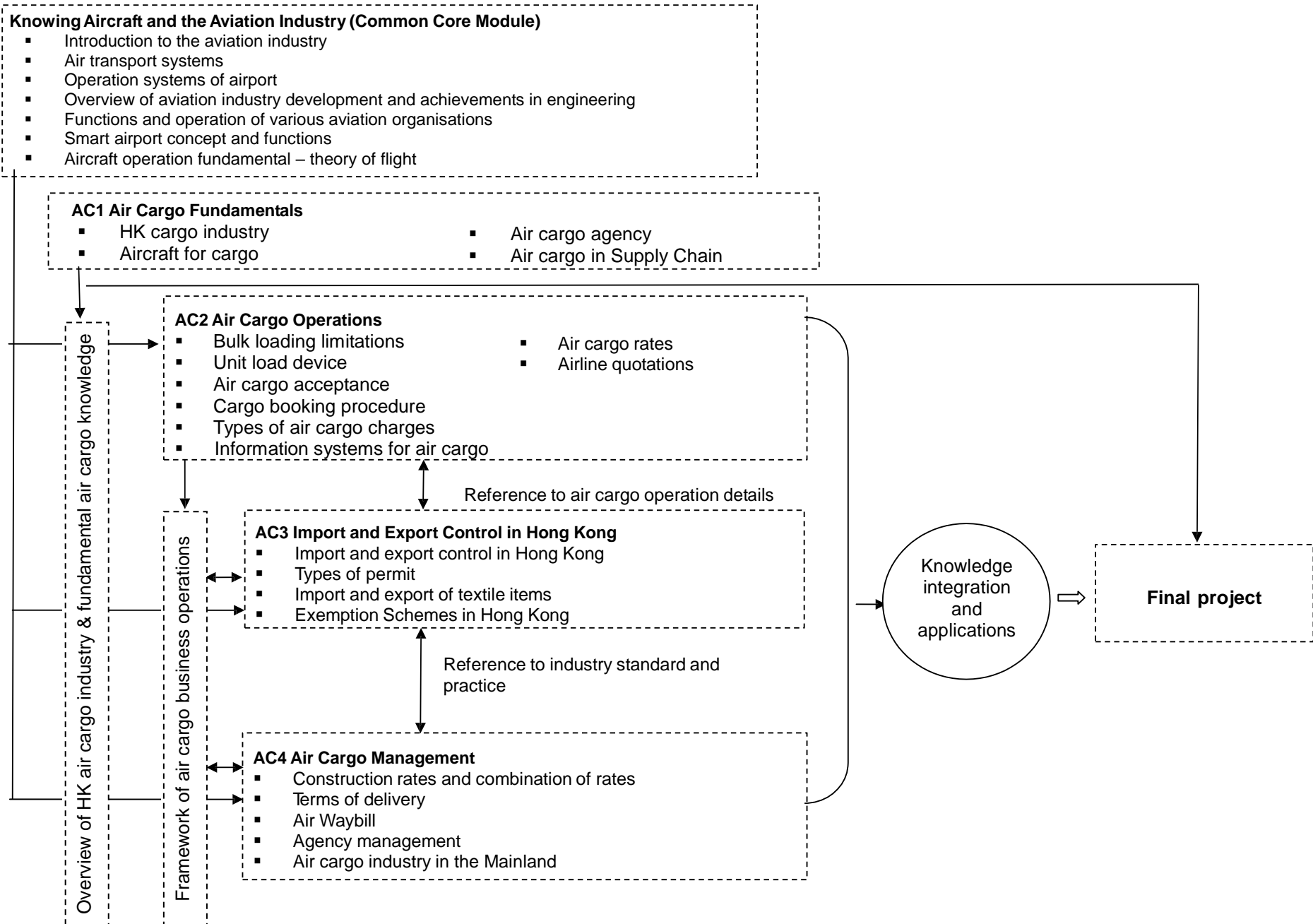
**6. Curriculum Map – Organisation and Structure
(Elective: Aircraft Maintenance)**



**6. Curriculum Map – Organisation and Structure
(Elective: Aviation Services)**



**6. Curriculum Map – Organisation and Structure
(Elective: Air Cargo)**



7. Context

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

Possible further study and career pathways

Further studies

- e.g. aviation, engineering, tourism, human resources management, logistics, transportation

Career development

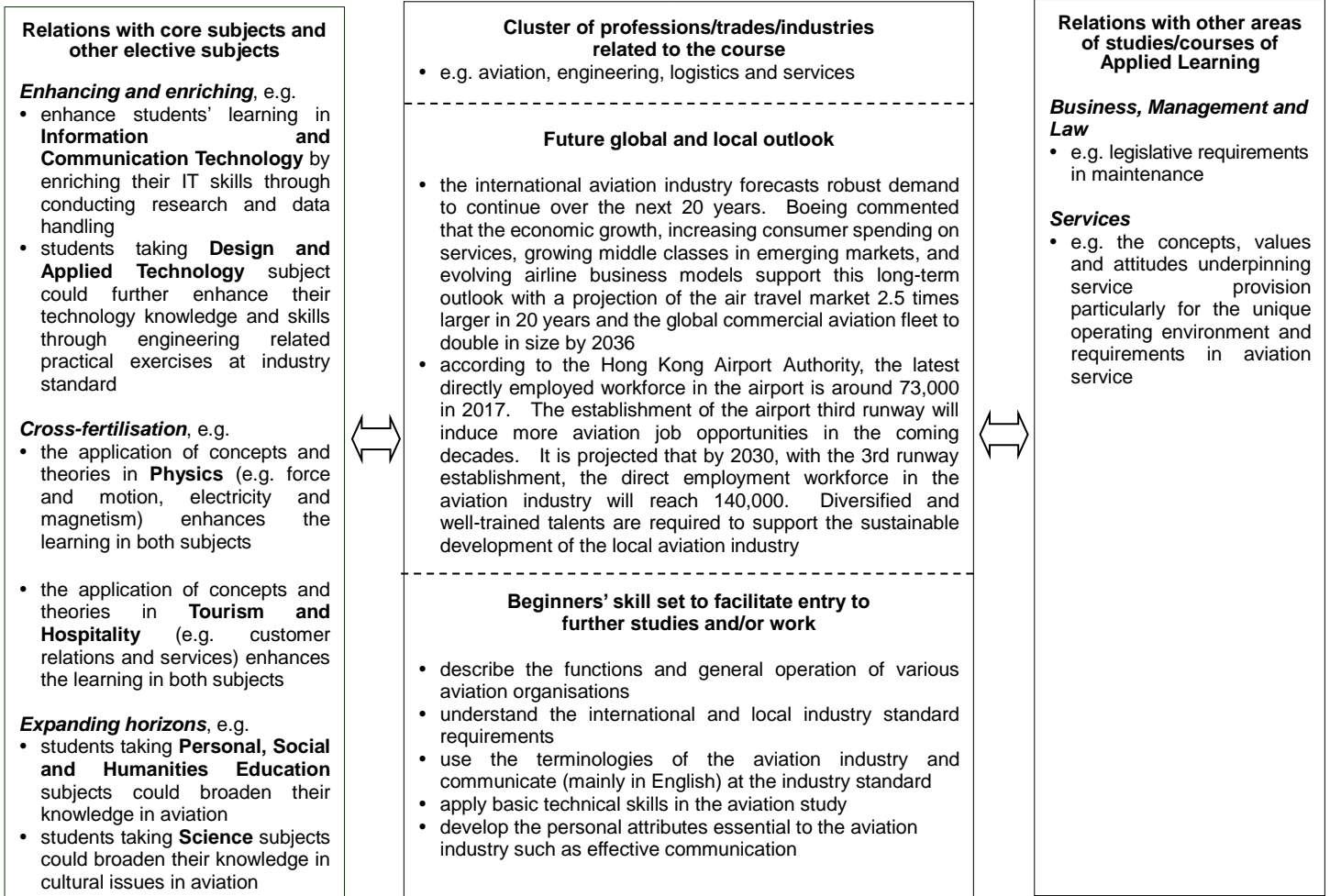
- e.g. aircraft cadet pilot, aircraft maintenance trainee, engineer in aircraft maintenance/aircraft manufacture, mechanical engineer, cabin crew, customer service officer, air cargo officer, ground handling and ramp service agent

Other qualification

- e.g. Aircraft Maintenance elective – Civil Aviation Department HKAR-66 Category A Aircraft Maintenance Licence qualification
- e.g. Aircraft Pilot elective – Private Pilot Licence.

(Note: Additional practical flying training is required in order to fully complete the qualification of Private Pilot Licence. The practical flying sessions are not included in this ApL curriculum and it is optional for students to attend the practical flying sessions. The Aircraft Pilot elective will focus on the theory of flight and practical exercises will mainly be computer-based flight simulation. HKU(SPACE) will provide students with the information on practical flying which will be conducted overseas, such as Adelaide or Brisbane in Australia. Extra expenses are required for the practical flying sessions.)

- e.g. Air Cargo elective – Membership of related professional association such as The Chartered Institute of Logistics and Transport in Hong Kong (CILTHK)
- e.g. Aviation Services elective - Airline Cabin Crew Training qualification as recognised by the International Air Transport Association (IATA)



Foundation knowledge developed in junior secondary education and Secondary 4

This subject is built upon the foundation knowledge students acquired in, e.g.

- **Chinese Language Education and English Language Education** – verbal and written communication
- **Mathematics Education** – data handling, measures and calculation
- **Technology Education** – use of information technology
- **Science Education** – force and motion
- **Geography** – map reading
- **Personal, Social and Humanities Education** – culture and its impact on customer service