



中華人民共和國香港特別行政區政府總部教育局
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Clerk to Public Works Subcommittee
Legislative Council Secretariat
Legislative Council Complex
1 Legislative Council Road
Central, Hong Kong
(Attn.: Ms Connie HO)

Dear Ms HO,

Public Works Subcommittee
Follow-ups to the meeting on 21 April 2021

8021EM - Development of the Vocational Training Council
Aviation and Maritime Education Centre at Tsing Yi

At the meeting on 21 April 2021, the Public Works Subcommittee requested the Administration to provide the supplementary information in respect of the planning of the aviation and maritime-related programmes offered by the Vocational Training Council (VTC), and how the proposed development of the Aviation and Maritime Education Centre (AMEC) at Tsing Yi would enhance these programmes. Our reply is set out in the ensuing paragraphs for Members' reference.

At present, the VTC offers a total of 20 aviation and maritime-related pre-employment and in-service programmes. The practical training sessions of the relevant programmes have to be carried out on different campuses of the VTC due to a lack of dedicated training facilities, which include the Hong Kong Institute of Vocational Education (IVE), Youth College and Maritime Services Training Institute. Moreover, there is a lack of training facilities in Hong Kong for students to fulfil the practical training requirements for the issuance of various licences and qualifications required for practising in the aviation and maritime trades, such as the Aircraft Maintenance Licence by the Civil Aviation Department and the Local Vessel Engine Operator Certificate of Competency by the Marine Department. As a result, students have to attend a majority part of their practical training on premises of the outsourced training providers outside Hong Kong. In response to the manpower needs of the aviation and maritime industries, as well as the shortage of practical training facilities for students, the VTC proposes to develop the AMEC to provide quality and authentic training experiences for students, with a view to supporting the long-term manpower needs of the two industries.

The proposed AMEC will provide state-of-the-art facilities, including simulated aviation and maritime operation facilities, such as the aircraft structure and sheetmetal maintenance practicing workshop, aero engine and aircraft system repair training workshop, and maritime engineering laboratories that incorporate smart technologies and innovative design with reference to the latest technological advancement and training needs of the industries. They will not only enable the VTC to provide enhanced in-house practical training, which will significantly improve quality, coordination, and consistency of the teaching and learning by offering such VPET services under the same roof, but also enable the students of the relevant aviation and maritime programmes to undergo the required practical training in the AMEC for fulfilling the relevant licence and qualification requirements.

Upon the commissioning of the proposed AMEC and in the long run, the VTC will consider launching suitable new programmes and reviewing the contents of the existing programmes, having regard to the manpower needs of the industries. According to the VTC's preliminary plan, the VTC will consider launching six new programmes to step up its manpower training in areas including aircraft maintenance and maritime engineering. Under this preliminary plan, the long-term planned intake of the relevant programmes will increase from 786 in the 2020/21 AY to about 1 500 in the 2025/26 AY. Nevertheless, through programme and class reshuffling, the VTC will ensure that the planned student intake figures of the IVE(Tsing Yi) campus will remain

at the 2020 level, i.e. 7 500 students. Details about the relevant aviation and maritime-related programmes are at Annex.

Yours sincerely,

A handwritten signature in black ink, appearing to be 'Kasper NG', written in a cursive style.

(Kasper NG)

for Secretary for Education

Annex**The existing and planned aviation and maritime-related programmes
of the VTC**

Existing programmes	Programme Nature	Planned intake in 2020/21 AY	Actual enrolment in 2020/21 AY	Planned intake in 2025/26 AY
Aviation				
B.Eng (Hon) in Aircraft Engineering (Note 1)	Pre-employ subvented	56	38	60
Higher Diploma in Aircraft Maintenance Engineering (Note 1)	Pre-employ subvented	120	112	125
Higher Diploma in Aircraft Maintenance Engineering	In-service self-financed	56	N/A (Note 2)	60
Diploma of Vocational Education (Aircraft Maintenance) (Note 1)	Pre-employ subvented	50	62	90
Diploma of Vocational Education (Aircraft Maintenance)	In-service self-financed	28	N/A (Note 2)	30
Higher Diploma in Aviation (Note 1)	Pre-employ subvented	60	44	90
Higher Diploma in Aviation and e-Logistics	Pre-employ subvented	30	24	80
Higher Diploma in Aviation Services and Passenger Transport (Note 1)	Pre-employ subvented	30	57	100
Diploma of Foundation Studies (Aviation)	In-service self-financed	30	4	50
Total		460	341	685
Maritime				
Higher Diploma in Mechanical Engineering (Maritime Elective)	Pre-employ subvented	N/A	8	30
Higher Diploma in Maritime Studies (Note 1)	Pre-employ subvented	60	43	45
Certificate for Junior General Purpose Ratings	Pre-employ subvented	70	57 (Note 2)	80
Upgrading Courses for Class 3 (Sea-going) (Deck) Certificate of Competency (Note 1)	In-service self-financed	22	78 (Note 2)	110

Existing programmes	Programme Nature	Planned intake in 2020/21 AY	Actual enrolment in 2020/21 AY	Planned intake in 2025/26 AY
Upgrading Courses for Class 2/1 (Sea-going) (Deck) Certificate of Competency (Note 1)	In-service self-financed	18	35 (Note 2)	100
High Voltage Technology for Maritime Industry (Note 1)	In-service self-financed	5	0 (Note 2)	10
Maritime Resources Management Course	In-service self-financed	43	43 (Note 2)	50
Local Vessel Engine Operator Grade 3 (Note 1)	In-service self-financed	14	N/A (Note 2)	90
Local Vessel Engine Operator Grade 2 (Note 1)	In-service self-financed	12	N/A (Note 2)	10
Local Coxswain Grade 3 (Note 1)	In-service self-financed	58	42 (Note 2)	180
Local Coxswain Grade 2 (Note 1)	In-service self-financed	14	8 (Note 2)	15
Total		316	314	720

Note 1: Practical training will be conducted in the AMEC

Note 2: Student admission will go on later in the 2020/21 AY

Planned programmes	Programme Nature	Planned intake in 2025/26 AY
Aviation		
Certificate in Aircraft Maintenance Skills and Practices (Note)	Pre-employ subvented	28
Certificate in Aircraft Maintenance Skills and Practices	In-service self-financed	28
Professional Diploma in Aviation Operations	In-service self-financed	27
Professional Diploma in Aviation Management	In-service self-financed	27
Total		110
Maritime		
Higher Diploma in Maritime and Yacht Technology (Note)	Pre-employ subvented	30
Diploma of Vocational Education (Maritime)	Pre-employ subvented	20
Total		50

Note: Practical training will be conducted in the AMEC