



香港學術及職業資歷評審局
Hong Kong Council for Accreditation of
Academic & Vocational Qualifications

SUMMARY ACCREDITATION REPORT

Federation for Self-financing Tertiary Education

**School of Business and Information Systems
Vocational Training Council**

Programme Validation at QF Level 3

**Certificate in Motorcycle Servicing
and Automotive Technology
(Elective Cluster of Yi Jin Diploma)**

June 2014

This accreditation report is issued by the Hong Kong Council for Accreditation of Academic and Vocational Qualifications (HKCAAVQ) in its capacity as the Accreditation Authority as provided for under the Accreditation of Academic and Vocational Qualifications Ordinance (Cap 592) (AAVQO). This report outlines the HKCAAVQ's determination, the validity period of the determination as well as any conditions or restrictions on the determination.

1. Introduction

- 1.1 The Yi Jin Diploma (YJD) programme was accredited by the HKCAAVQ in August 2013 with a validity period of three years starting from the 2013/14 academic year to be operated by seven member institutions of the Federation for Self-financing Tertiary Education (FSTE) including the School of Business and Information Systems, Vocational Training Council (SBI, VTC/the Operator). At the time of the accreditation exercise for the YJD programme, the HKCAAVQ was informed that the FSTE member institutions may propose new and/or revamped Elective Clusters before commencement of each academic year.
- 1.2 For implementation in the 2014/15 academic year, the SBI, VTC proposed an Elective Cluster, Motorcycle Servicing and Automotive Technology [電單車及汽車科技], which was developed with reference to the Specification of Competency Standards (SCS) developed by the Automotive Industry Training Advisory Committee of the Qualifications Framework (QF) and the Qualifications Guidelines for the SCS-based Courses under the QF.
- 1.3 Following the advice of the Education Bureau to the FSTE and its member institutions to award standalone qualifications to YJD students on successful completion of a SCS-based Elective Cluster/Course, this Elective Cluster of SBI, VTC is to be accredited by the HKCAAVQ leading to the SCS-based qualification leading, Certificate in Motorcycle Servicing and Automotive Technology (Elective Cluster of Yi Jin Diploma) [電單車及汽車科技 (毅進文憑選修群組) 證書] and to be uploaded separately on the Qualifications Register of the QF. On successful completion of the Elective Cluster, students of the YJD programme will be awarded the Certificate in Motorcycle Servicing and Automotive Technology (Elective Cluster of Yi Jin Diploma).
- 1.4 Based on the agreement, the HKCAAVQ was commissioned by the FSTE to assess and determine whether the following learning programme of the SBI, VTC achieves the stated objectives and meets the QF standard at QF Level 3:
 - (1) Certificate in Motorcycle Servicing and Automotive Technology (Elective Cluster of Yi Jin Diploma)
- 1.5 The accreditation exercise was conducted according to the relevant accreditation guidelines referred to in the agreement and the terms stated therein.

2. HKCAAVQ's Accreditation Determination

Having due consideration of the accreditation panel's observations and comments as presented in this Report, the HKCAAVQ makes the following accreditation determination:

2.1 Programme Validation

☒ Approval

Name of Operator	School of Business and Information Systems, Vocational Training Council 職業訓練局工商資訊學院
Name of Award Granting Body	School of Business and Information Systems, Vocational Training Council 職業訓練局工商資訊學院
Title of Learning Programme	Certificate in Motorcycle Servicing and Automotive Technology (Elective Cluster of Yi Jin Diploma) 電單車及汽車科技 (毅進文憑選修群組) 證書
Title of Qualification (Exit Award)	Certificate in Motorcycle Servicing and Automotive Technology (Elective Cluster of Yi Jin Diploma) 電單車及汽車科技 (毅進文憑選修群組) 證書
Primary Area of Study / Training	Other Technical Studies and Training
Other Area of Study / Training	Not applicable
Industry	Automotive
Branch	Operation, Sales, Services and Parts Management
QF Level	Level 3
QF Credit	45
Mode of Delivery and Programme Length	Full-time: 1 year [450 notional learning hours (including 180 contact hours)] Part-time: 2 years [450 notional learning hours (including 180 contact hours)]
Intermediate Exit Award	Not applicable
Validity Period	2 years (1 September 2014 – 31 August 2016)
Number of Enrolments	Not applicable
Maximum Number of New Students	Maximum of 35 students per class
Specification of Competency Standards Based Programme	☒ Yes ☐ No
Programme Specific Requirement	Not applicable
Remark to be indicated	This programme is an Elective Cluster, Motorcycle Servicing

on the QR	and Automotive Technology, of the Yi Jin Diploma programme. 此課程屬於毅進文憑課程的「電單車及汽車科技」選修群組。
Address of Teaching/Training Venue	VTC Pro-Act Training and Development Center (Automobile) Kwai Chung Training Complex 13-19 San Kwai Street, Kwai Chung, N.T. 職業訓練局卓越培訓發展中心 (汽車業) 新界葵涌新葵街 13-19 號葵涌訓練中心綜合大樓

3. Programme Details

The following is the programme information provided by the Operator.

3.1 Programme Objectives

The programme aims at focusing on the devising process plan in Automotive Technology. Students will be provided with the necessary knowledge related to vehicle technology, reasoning ability and practical skills which are appropriate to industry needs, and to use them to complete occupational tasks successfully. They will be equipped with all-round and balanced learning opportunities in the areas of social, cultural and professional competencies; building up problem-solving and decision making abilities in the industry context and life-long personal development. Furthermore, they will be trained to strengthen their communication and presentation skills as required by the industry. Students are encouraged to be observant, critical, appreciative and responsive in the ever changing and challenging world of vehicle repair industry.

3.2 Programme Intended Learning Outcomes

Upon completion of the programme, students should be able to:

- apply the knowledge and skills in the operation and working principles of the main systems of vehicles;
- carry out inspection, servicing and trouble shooting on brake and suspension systems;
- carry out inspection, servicing and trouble shooting on petrol engine management systems;
- carry out inspection, servicing and trouble shooting on petrol and diesel engines;
- carry out inspection, servicing and trouble shooting on transmission systems;
- carry out testing and inspection of motorcycle components; and
- carry out inspection, servicing and trouble shooting on diesel fuel and LPG fuel systems.

3.3 Programme Structure

Elective Course (1): Vehicle Servicing and Trouble Shooting

Module Title	Unit of Competency	QF Credit
Occupational Safety Health and Environmental	AUSDCN313A	-

Protection in Vehicle Servicing	AUSDWM302A	
Wheel and Tyre Servicing	AUSDCN313A	-
Inspect and Repair the Brake Systems	AUSDST306A AUSDCN313A	-
Inspect and Repair the Steering System	AUSDST307A AUSDCN313A	-
Inspect and Repair the Suspension System	AUSDCN313A	-
Inspect and Repair Engine Management System	AUSDST304A	-
Recognize Automotive Electrical Circuit	-	-
Basic Design of Automotive Electronic Circuits	-	-
Install Accessories on Vehicle	-	-
Recognize Automotive Air Conditioning Systems	AUSDCN313A	-
Total		15

Elective Course (2): Powertrain Servicing and Maintenance

Module Title	Unit of Competency	QF Credit
Engine Overhaul	AUSDCN313A AUSDWM302A AUSDST310A	-
Clutch Overhaul	AUSDCN313A	-
Repair Manual Gearbox	AUSDCN313A	-
Repair Automatic Gearbox	AUSDWM302A AUSDCN313A AUSDST309A	-
Differential Overhaul	AUSDCN313A	-
Total		15

Elective Course (3): Motorcycle and Other Fuel Systems Servicing

Module Title	Unit of Competency	QF Credit
Motorcycle Servicing	AUSDCN313A	-
LPG Fuel Systems Servicing	AUSDCN313A AUSDWM302A AUSDST301A	-
Other Fuel Systems Servicing	AUSDCN313A AUSDWM302A AUSDST301A AUSDST330A	-

		Total	15
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3.4 Graduation Requirements

- Achieve an attendance rate of 80% or above in each Elective Course; and
- Achieve at least 50% overall mark in each Elective Course.

3.5 Admission Requirements

- Students of Yi Jin Diploma programme

4. Substantial Change

- 4.1 The maintenance of the HKCAAVQ accreditation status during the validity period is subject to no substantial change being made without prior approval by the HKCAAVQ.

5. Qualifications Register

- 5.1 Qualifications accredited by the HKCAAVQ are eligible for entry into the Qualifications Register (QR) at <http://www.hkqr.gov.hk> for recognition under the Qualifications Framework (QF). Operators should apply separately to have their quality-assured qualifications entered into the QR.
- 5.2 Only learners who are admitted to the named accredited learning programme during the validity period and who have graduated with the named qualification uploaded in the QR will be considered to have acquired a qualification recognised under the QF.

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