



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

SUMMARY ACCREDITATION REPORT

UOW COLLEGE HONG KONG

LEARNING PROGRAMME ACCREDITATION

**HIGHER DIPLOMA IN APPLICATION SYSTEMS
DEVELOPMENT**

HIGHER DIPLOMA IN ROBOTICS ENGINEERING

AND

**HIGHER DIPLOMA IN TELECOMMUNICATIONS AND
NETWORK ADMINISTRATION**

APRIL 2020

1. Terms of Reference

1.1 Based on the Service Agreement (No.: AA611), the Hong Kong Council for Accreditation of Academic and Vocational Qualifications (HKCAAVQ), in the capacity of the Accreditation Authority as provided for under the Accreditation of Academic and Vocational Qualifications Ordinance (Cap. 592), was commissioned by UOW College Hong Kong (UOWCHK) to conduct a Learning Programme Accreditation with the following Terms of Reference:

- (a) To conduct an accreditation test as provided for in the AAVQO to determine whether the following programmes of UOW College Hong Kong (the Operator) meet the stated objectives and QF standards and can be offered as accredited programmes; and
 - (i) Higher Diploma in Application Systems Development
 - (ii) Higher Diploma in Robotics Engineering
 - (iii) Higher Diploma in Telecommunications and Network Administration*
- (b) To issue to the Operator an accreditation report setting out the results of the determination in relation to (a) by HKCAAVQ.

1.2 The accreditation exercise was conducted according to the relevant accreditation guidelines referred to in the Service Agreement. The Education Bureau's *"Updated Revised Common Descriptors for Associate Degree and Higher Diploma Programmes under the New Academic Structure"* was also a guiding document used by the Panel and the Operator in conducting this exercise for the Higher Diploma programmes. An accreditation took place on 11 and 12 February 2020.

2. HKCAAVQ'S Determination

Learning Programme Accreditation

2.1 HKCAAVQ has determined that, the following programmes meet the stated objectives and QF standard at Level 4, and can be offered as accredited programmes with a validity period of four years from 1 September 2020 to 31 August 2024.

- (i) Higher Diploma in Application Systems Development
- (ii) Higher Diploma in Robotics Engineering
- (iii) Higher Diploma in Telecommunications and Network Administration*

**During accreditation, UOWCHK proposed to change the programme title and exit award from Higher Diploma in Telecommunications and Network Administration (which was stated in the Service Agreement) to Higher Diploma in Computer Network and Systems Administration.*

2.2 Validity Period

2.2.1 The validity period will commence on the date specified below. Operators may apply to HKCAAVQ to vary the commencement date of the validity period. Applications will be considered on a case-by-case basis.

2.3 The determinations on the programmes are specified as follows:

Name of Operator	UOW College Hong Kong 香港伍倫貢學院		
Name of Award Granting Body	UOW College Hong Kong 香港伍倫貢學院		
Title of Learning Programme	Higher Diploma in Application Systems Development 應用系統開發高級文憑	Higher Diploma in Robotics Engineering 機械人工程高級文憑	Higher Diploma in Computer Network and Systems Administration 電腦網絡及系統管理高級文憑
Title of Qualification (Exit Award)	Higher Diploma in Application Systems Development 應用系統開發高級文憑	Higher Diploma in Robotics Engineering 機械人工程高級文憑	Higher Diploma in Computer Network and Systems Administration 電腦網絡及系統管理高級文憑
Primary Area of Study and Training	Computer Science and Information Technology	Engineering and Technology	Computer Science and Information Technology
Sub-area (Primary Area of Study and Training)	Computer Science and Information Technology	Electrical, Electronic and Mechanical Engineering and Services	Computer Science and Information Technology
Other Area of Study and Training	Not applicable	Not applicable	Not applicable
Sub-area (Other Area of Study and Training)	Not applicable	Not applicable	Not applicable
Industry	Not applicable	Not applicable	Not applicable

Branch	Not applicable	Not applicable	Not applicable
QF Level	Level 4	Level 4	Level 4
QF Credits	286	286	286
Mode of Delivery and Programme Length	Full-time, 2 years	Full-time, 2 years	Full-time, 2 years
Start Date of Validity Period	1 September 2020	1 September 2020	1 September 2020
End Date of Validity Period	31 August 2024	31 August 2024	31 August 2024
Number of Enrolment	One enrolment per year	One enrolment per year	One enrolment per year
Maximum Number of New Students	50 per year	50 per year	50 per year
Specification of Competency Standards-based Programme	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Address of Teaching Venue	Li Dak Sum Yip Yio Chin Academic Building, Tat Chee Avenue, Kowloon Tong, Kowloon		

2.4 Recommendations

HKCAAVQ also offers the following recommendations for continuous improvement of the programmes.

For HDRE

- 2.4.1 UOWCHK should invite industrial practitioners to share their knowledge and experience of the latest trends in robotic technology and its applications and/or consider developing robotic technology courses to enrich students' learning experience.

For three programmes

- 2.4.2 UOWCHK should organise training activities and staff orientation to enhance teaching staff's understanding of the assessment guidelines and policies on group work.

- 2.5 HKCAAVQ will subsequently satisfy itself whether the Operator remains competent to achieve the relevant objectives and the Programme continues to meet the standard to achieve the relevant objectives as claimed by the Operator by reference to, amongst other things, the Operator's fulfilment of any conditions and compliance with any restrictions stipulated in this Accreditation Report. For the avoidance of doubt, maintenance of accreditation status is subject to fulfilment of any condition and compliance with any restriction stipulated in this Accreditation Report.

3. Introduction

- 3.1 UOW College Hong Kong (UOWCHK) was formerly known as the Community College of City University (CCCU). UOWCHK is a company limited by guarantee registered under the Companies Ordinance (Cap. 622). Under a strategic alliance with City University of Hong Kong (CityU), University of Wollongong (UOW) assumes stewardship of CCCU over a five-year transitional period from June 2015 to June 2020. Following the end of the five-year transition, CityU will resign as a Member of the company and UOWCHK will become wholly-owned by UOW.
- 3.2 UOWCHK commissioned HKCAAVQ to conduct a Learning Programme Accreditation (LPA) for the three programmes. HKCAAVQ formed an expert Panel to conduct an accreditation exercise on 11 and 12 February 2020.

4. Programmes Details

The following programme information is provided by the operator.

4.1 Higher Diploma in Application Systems Development (HDASD)

Programme Objectives

- Provide students with sound knowledge of computing fundamentals, a thorough understanding of ethical issues, and management and planning skills associated with the computing profession.
- Develop students' competence to manage and develop information systems and applications in a contemporary workplace context.

- Prepare students for employment in a related discipline at the para-professional level.
- Cultivate a spirit of lifelong learning, develop the ability to learn how to learn, and encourage the pursuit of active citizenship.

Programme Intended Learning Outcomes

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

- I. Apply information technology and integrate concepts, principles and practices of system development to develop information systems.
- II. Use a range of tools, programming languages, methodologies, technical knowledge and quantitative skills to undertake information systems development work individually or as a team.
- III. Perform skilled tasks requiring some discretion and judgement in the areas of information systems development activities.
- IV. Identify and apply best practice in application development with emphasis on ethical and professional dimensions.
- V. Communicate effectively in English with relevant stakeholders, both orally and in writing, in a culturally diversified workplace.
- VI. Evaluate computer systems development solutions along socio-economic, and environmental dimensions.

4.2 Higher Diploma in Robotics Engineering (HDRE)

Programme Objectives

- Provide an entry level programme in robotics engineering which prepares students for a career and further studies in robotics, electronic, computing and mechanical engineering.
- Develop mathematical and computing skills, analytical and problem solving skills and communicative competence in technical design and implementation.
- Cultivate a spirit of lifelong learning, develop the ability to learn how to learn, and encourage the pursuit of active citizenship.

Programme Intended Learning Outcomes

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

- I. Integrate and apply basic skills from mechanical, computing, electronic and electrical engineering to build simple robots and design robotic systems.
- II. Apply principles and practices of robotics engineering to solve engineering problems related to robotic systems and evaluate their effectiveness and appropriateness.
- III. Apply interpersonal, communication and presentation skills, quantitative and analytical skills as well as experimental skills in engineering technology activities.
- IV. Function effectively in a project, as a member or leader on a technical team, in multi-disciplinary environment.
- V. Evaluate the impact of engineering technology activities in the light of environmental, economic and ethical dimensions.

4.3 **Higher Diploma in Computer Network and Systems Administration (HDCNSA)**

Programme Objectives

- Provide students with sound knowledge of computing fundamentals, a thorough understanding of ethical issues, and management and planning skills associated with the computing profession.
- Develop students' competence for administrating computer systems and networks in a business setting.
- Prepare students for employment in a related discipline at the para-professional level.
- Cultivate a spirit of lifelong learning, develop the ability to learn how to learn, and encourage the pursuit of active citizenship.

Programme Intended Learning Outcomes

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

- I. Apply and integrate basic principles of information technology to generating solutions to computer network problems.
- II. Use a range of tools, methodologies, technical knowledge and relevant skills to undertake computer network and systems administration related works individually or as a team.

- III. Assume a supervisory role and perform skilled tasks in the areas of computer systems and networks installation, maintenance, operation and administration.
- IV. Apply the best practices in computer networking and system administration with emphasis on effective communication and professional ethics.
- V. Evaluate computer networking technology solutions from the social, economic, cultural and environmental perspectives.

4.4 Programme Structure

HDASD

	Courses	No. of courses	Credit Units	QF Credits
Generic Skills and General Education (GE)	English Language Courses	2	6	27.2
	Chinese Language Courses	1	3	13.6
	General Education Courses	2	6	27.2
Programme Core	Discipline-specific Courses (including internship)	14	45	204
	Electives	1	3	13.6
	Total	20	63	286

HDRE

	Courses	No. of courses	Credit Units	QF Credits
Generic Skills and General Education (GE)	English Language Courses	2	6	27.2
	Chinese Language Courses	1	3	13.6
	General Education Courses	2	6	27.2
Programme Core	Discipline-specific Courses	15	45	204
	Electives (Internship or Final Year Robotic Project)	1	3	13.6
	Total	21	63	286

HDCNSA

	Courses	No. of courses	Credit Units	QF Credits
Generic Skills and General Education (GE)	English Language Courses	2	6	27.2
	Chinese Language Courses	1	3	13.6
	General Education Courses	2	6	27.2
Programme Core	Discipline-specific Courses (including internship)	15	48	217.6
	Total	20	63	286

4.5 Graduation Requirements

To be eligible for graduation, students enrolled in the three programmes must have satisfactorily completed 63 credit units, have fulfilled the GE requirement and achieved a CGPA of 1.70 or above.

4.6 Admission Requirements

(a) **Hong Kong Diploma of Secondary Education (HKDSE)**

- (i) Level 2 or above in five HKDSE subjects including Chinese Language¹ and English Language²;
- (ii) If a subject under “other languages” is used for meeting the requirement in (i), a minimum of grade E is required;
- (iii) A maximum of two Applied Learning subjects graded “Attained” or above can be included for meeting the requirement in (i);

1. *For applicants who have either learned Chinese Language for less than 6 years while receiving primary and secondary education or learned Chinese Language for 6 years or more in schools, but have been taught an adapted and simpler Chinese Language curriculum not normally applicable to the majority of students in local schools, alternative Chinese Language qualifications (GCE AL/AS Chinese grade E or GCSE/IGCSE Chinese grade 4 or C) or grade E in HKDSE “other languages” can replace Chinese Language level 2.*
2. *Candidates applying for entry based on their HKDSE*

results cannot replace HKDSE English Language Level 2 with GCE/GCSE/IGCSE subjects or TOEFL or IELTS.

(b) **Other equivalent qualifications**

- Completion of the UOWCHK/CCCU Diploma in General Studies programme or a one-year full-time Pre-Associate Degree programme;
- Grade E or above in one General Certificate of Education A-level (or A2)/International A-Level subject. Two Advanced Subsidiary (AS) level subjects will be considered equivalent to one GCE A-Level. The same subject may not be counted at both the A Level and AS Level;
- A National University Entrance Examination (普通高等學校招生全國統一考試) score above the cut-off lines set for entry into non-government universities (本科三批分數綫) AND a minimum English score of 100.
- Other equivalent qualifications, including International Baccalaureate Diploma, are also accepted as satisfying the entrance requirements.

(c) **Mature Applicant** aged 23 or above by September 1 of the year of admission.

4.7 Teaching and Learning Activities

Three programmes employ a range of teaching and learning activities, such as lectures, tutorials, projects, laboratory exercises and reflective reports to develop students' knowledge and skills.

HDASD and HDCNSA include an internship for 6 QF credits while HDRE consists of an internship or a Final Year Robotic Project.

5. Important Information Regarding this Accreditation Report

5.1 Variation and withdrawal of this Accreditation Report

5.1.1 This Accreditation Report is issued pursuant to section 5 of the AAVQO, and contains HKCAAVQ's substantive determination regarding the accreditation, including the validity period as well as any

conditions and restrictions subject to which the determination is to have effect.

- 5.1.2 HKCAAVQ may subsequently decide to vary or withdraw this Accreditation Report if it is satisfied that any of the grounds set out in section 5 (2) of the AAVQO apply. This includes where HKCAAVQ is satisfied that the Operator is no longer competent to achieve the relevant objectives and/or the Programme no longer meets the standard to achieve the relevant objectives as claimed by the Operator (whether by reference to the Operator's failure to fulfil any conditions and/or comply with any restrictions stipulated in this Accreditation Report or otherwise) or where at any time during the validity period there has/have been substantial change(s) introduced by the Operator after HKCAAVQ has issued the accreditation report(s) to the Operator and which has/have not been approved by HKCAAVQ. Please refer to the '*Guidance Notes on Substantial Change to Accreditation Status*' in seeking approval for proposed changes. These Guidance Notes can be downloaded from the HKCAAVQ website.
- 5.1.3 If HKCAAVQ decides to vary or withdraw this Accreditation Report, it will give the Operator notice of such variation or withdrawal pursuant to section 5(4) of the AAVQO.
- 5.1.4 The accreditation status of Operator and/or Programme will lapse immediately upon the expiry of the validity period or upon the issuance of a notice of withdrawal of this Accreditation Report.

5.2 Appeals

- 5.2.1 If the Operator is aggrieved by the determination made in this Accreditation Report, then pursuant to Part 3 of the AAVQO the Operator has a right of appeal to the Appeal Board. Any appeal must be lodged within 30 days of the receipt of this Accreditation Report.
- 5.2.2 If the Operator is aggrieved by a decision to vary or withdraw this Accreditation Report, then pursuant to Part 3 of the AAVQO the Operator has a right of appeal to the Appeal Board. Any appeal must be lodged within 30 days of the receipt of the Notice of Withdrawal.
- 5.2.3 The Operator should be aware that a notice of variation or withdrawal of this Accreditation Report is not itself an accreditation report and the right to appeal against HKCAAVQ's substantive determination regarding accreditation arises only from this Accreditation Report.

5.2.4 Please refer to Cap. 592A (<http://www.legislation.gov.hk>) for the appeal rules. Details of the appeal procedure are contained in section 13 of the AAVQO and can be accessed from the QF website at <http://www.hkqf.gov.hk>.

5.3 **Qualifications Register**

5.3.1 Qualifications accredited by HKCAAVQ are eligible for entry into the Qualifications Register ("QR") at <http://www.hkqr.gov.hk> for recognition under the QF. The Operator should apply separately to have their quality-assured qualifications entered into the QR.

5.3.2 Only learners who commence the study of the named accredited learning programme during the validity period and who have graduated with the named qualification listed in the QR will be considered to have acquired a qualification recognised under the QF.

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