Sheffield Hallam University

BEng (Hons) Electronic Engineering

Programme Overview
The programme aims to:

▪ Produce high quality graduate electronic engineers with the specialist academic knowledge and complementary professional and personal skills for a successful career in industry and commercial engineering enterprises;

▪ Provide the academic basis for initial registration with the Engineering Council as an Incorporated Engineer as defined by United Kingdom-Standard for Professional Engineering Competence (UK-SPEC)¹;

▪ Provide knowledge and understanding of the essential facts, concepts, theories and principles of electronic engineering and the underpinning science and mathematics;

▪ Develop the intellectual skills to analyse and solve electronic engineering problems and formulate creative and innovative solutions and designs;

▪ Develop an appreciation of the wider multidisciplinary engineering context and the social, environmental, ethical, economic and commercial considerations affecting professional engineers;

▪ Develop the practical laboratory and workshop skills necessary to function as a professional electronic engineer in an industrial or commercial engineering environment; and

▪ Provide a positive and enjoyable learning experience which lays the foundations for life long-learning.

¹ Graduates from VTC HD Feeder Programmes have achieved this level of competence as they are eligible to be an Associate Member of the Hong Kong Institution of Engineers (HKIE), which is also recognised in the United Kingdom based on the Sydney Accord.

Programme Structure

<table>
<thead>
<tr>
<th>Semester</th>
<th>Module</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Project and Quality Management</td>
</tr>
<tr>
<td></td>
<td>Microprocessor Systems Applications</td>
</tr>
<tr>
<td>2</td>
<td>Computer Networks 2</td>
</tr>
<tr>
<td></td>
<td>Electronic Engineering 3</td>
</tr>
<tr>
<td>3</td>
<td>Optical Fibre Communications</td>
</tr>
<tr>
<td></td>
<td>Digital Signal Processing and Mobile</td>
</tr>
<tr>
<td></td>
<td>Communications</td>
</tr>
<tr>
<td>1 to 3</td>
<td>Project (IEng)</td>
</tr>
</tbody>
</table>

Entry Requirements

VTC Higher Diploma in Computer and Information Engineering / Computer Engineering / Electronic and Communications Engineering.

Applicants holding equivalent qualifications or experience (in terms of relevant credits and competency) will be considered on a case-by-case basis according to SHU’s policy on the Recognition of Prior Learning (RPL). They should have fulfilled the academic requirements for an Associate Member of the HKIE in a relevant discipline.

English Proficiency Requirement

▪ An overall band score of 6.0 in the International English Language Testing Systems (IELTS) or equivalent; or

▪ VTC Higher Diploma graduates* are deemed to have met the English language requirement.

* having spent 2 years on the programme
Assessment
Assessment is based on coursework, examinations and a major project.

Qualifications Framework
BEng (Hons) Electronic Engineering is recognised under the Qualifications Framework (QF) (www.hkqf.gov.hk).

<table>
<thead>
<tr>
<th>QF Level</th>
<th>Level S</th>
</tr>
</thead>
<tbody>
<tr>
<td>QR Registration No.</td>
<td>15/002710/L5</td>
</tr>
<tr>
<td>Validity Period</td>
<td>01/09/2015 – 31/08/2019</td>
</tr>
</tbody>
</table>

This programme accredited by the HKCAAVQ enjoys similar status of locally-accredited honours bachelor’s degree programmes.

External Information

<table>
<thead>
<tr>
<th>Study Mode and Duration</th>
<th>Part-time, 18 months</th>
</tr>
</thead>
<tbody>
<tr>
<td>Study Location</td>
<td>IVE (Sha Tin)</td>
</tr>
<tr>
<td>Fees</td>
<td>Application: HK$200, Registration: HK$3,200, Tuition: HK$78,000 by 3 instalments</td>
</tr>
<tr>
<td>Application Deadline</td>
<td>30 June 2016</td>
</tr>
<tr>
<td>Commencement</td>
<td>September 2016</td>
</tr>
</tbody>
</table>

Enquiries

<table>
<thead>
<tr>
<th>Programme Co-ordinator</th>
<th>Ir Dr. Shum Yu Hing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tel no.</td>
<td>2256 7531</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:yhshum@vtc.edu.hk">yhshum@vtc.edu.hk</a></td>
</tr>
<tr>
<td>General Enquiries</td>
<td>SHAPE (Sha Tin Office)</td>
</tr>
<tr>
<td>Tel no.</td>
<td>2256 7873</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:fannyto@vtc.edu.hk">fannyto@vtc.edu.hk</a></td>
</tr>
</tbody>
</table>

It is a matter of discretion for individual employers to recognise any qualification to which this course may lead.
Application Form 2016/17

Please complete the form in **ENGLISH** and print in **BLOCK LETTERS** with black ball pen.

**SECTION 1 – PROGRAMME APPLIED FOR**

Please indicate the programme you are applying for by ticking "✓" the appropriate box. (**Please "✓" ONE only**)

<table>
<thead>
<tr>
<th>Top-up Degree Programmes</th>
<th>Offering Site</th>
</tr>
</thead>
<tbody>
<tr>
<td>BA (Hons) Business and Finance, Full-time (Registration No.: 252134)</td>
<td>IVE (Sha Tin)</td>
</tr>
<tr>
<td>BA (Hons) Business and Human Resource Management, Full-time (Registration No.: 252133)</td>
<td>IVE (Tsing Yi)</td>
</tr>
<tr>
<td>BA (Hons) Business Management, Full-time (Registration No.: 252135)</td>
<td>IVE (Tsing Yi)</td>
</tr>
<tr>
<td>BA (Hons) Jewellery and Metalwork, Full-time (Registration No.: 252251)</td>
<td>DILWL</td>
</tr>
<tr>
<td>BA (Hons) Jewellery and Metalwork, Part-time (Registration No.: 252251)</td>
<td>DILWL</td>
</tr>
<tr>
<td>BEng (Hons) Electronic Engineering, Part-time (Registration No.: 252554)</td>
<td>IVE (Sha Tin)</td>
</tr>
<tr>
<td>BSc (Hons) Events and Leisure Management, Full-time (Registration No.: 251420)</td>
<td>IVE (Chai Wan)</td>
</tr>
<tr>
<td>BSc (Hons) Hospitality Business Management, Full-time (Registration No.: 251510)</td>
<td>IVE (Chai Wan)</td>
</tr>
<tr>
<td>BSc (Hons) Sport Business Management, Full-time (Registration No.: 251511)</td>
<td>IVE (Chai Wan)</td>
</tr>
<tr>
<td>BSc (Hons) Sport Coaching, Full-time (Registration No.: 252564)</td>
<td>IVE (Chai Wan)</td>
</tr>
<tr>
<td>BSc (Hons) Tourism Management, Full-time (Registration No.: 251421)</td>
<td>IVE (Chai Wan)</td>
</tr>
</tbody>
</table>

**SECTION 2 – PERSONAL DETAILS**

<table>
<thead>
<tr>
<th>Title (Mr / Ms / Mrs / Miss)* delete if inappropriate</th>
<th>IVE / SBI / HKDI Student No. (if any)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gender</td>
<td></td>
</tr>
<tr>
<td>male</td>
<td>female</td>
</tr>
</tbody>
</table>

**Name in English** (As shown on your HK Identity Card / Passport)

<table>
<thead>
<tr>
<th>Surname</th>
<th>First / Other Names</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Name in Chinese**

<table>
<thead>
<tr>
<th>Chinese Character Codes</th>
<th>Day (DD) / Month (MM) / Year (YY)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Type of Identification Document</th>
<th>HKID Card No.</th>
<th>Passport No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>HKID Card No.</td>
<td>()</td>
<td>Passport No.</td>
</tr>
</tbody>
</table>

**Contact Detail**

<table>
<thead>
<tr>
<th>Mobile Phone No.</th>
<th>Residential No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Email Address</th>
<th>Fax No.</th>
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</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Do you require a student visa / entry permit to study in Hong Kong?</th>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SECTION 3 – APPLICANT WITH SPECIAL NEEDS**

We offer equal opportunities to all applicants with or without disabilities. If you have a disability, please enter the type of disability in the box. Otherwise, leave it blank. Your indication of this information is voluntary but essential for us to provide appropriate services (e.g. special examination arrangements) for you. Such information will not affect your chances of admission.

**Code**

1. Blind (visually handicapped)
2. Profound hearing loss
3. Severe / moderate / mild hearing loss
4. Low vision (this does not include those people who are able to read with the help of normal spectacles or contact lenses)
5. Wheelchair user
6. Using crutch / callipers
7. Polio / Rheumatoid Arthritis / Spine problem
8. Other kinds of impaired movement
9. Others (please specify) ________________________

For Office Use Only

Application No.
Accept / Reject (delete as appropriate)
Application Fee Paid By
Handled By
SECTION 4 – EDUCATION
(Qualifications and examinations including professional training. Please attach certified copies of relevant academic documents.)

<table>
<thead>
<tr>
<th>Place of study</th>
<th>Award and Course Title</th>
<th>Main Subjects Studied</th>
<th>Results (including grade)</th>
<th>Date of Award or Expected Award</th>
<th>Mode of Study</th>
</tr>
</thead>
</table>

SECTION 5 – ENGLISH PROFICIENCY
Is English your first language?  
☐ Yes (if yes, go onto section 6)  ☐ No

English language qualifications (please attach copies of all certificates)

Awarding organisation  

Award and course title  

Results (including grade)  

Date of award or expected award  Month       Year

SECTION 6 – SUPPLEMENTARY INFORMATION
You may enter information which you feel is relevant to your application.

SECTION 7 – CRIMINAL CONVICTIONS
Do you have any criminal convictions?  
☐ Yes  ☐ No

SECTION 8 – ENQUIRIES
All enquiries should be directed to the programme offering campus as follows:

Offering Campus: IVE (Chai Wan)
SHAPE, Chai Wan Office, Room 012, G/F, Academic Block, 30 Shing Tai Road, Chai Wan, Hong Kong  
Tel: 2595-8357  Fax: 2976-5702

Offering Campus: IVE (Tsing Yi)
SHAPE, Tsing Yi Office, Room C217, 20 Tsing Yi Road, Tsing Yi Island, New Territories, Hong Kong  
Tel: 2436-8600 / 2436-8379  Fax: 2434-5652

Offering Campus: IVE (Sha Tin)
SHAPE, Sha Tin Office, Room 309C, 21 Yuen Wo Road, Sha Tin, New Territories, Hong Kong  
Tel: 2256-7239  Fax: 2696-2049

Offering Campus: DILWL
SHAPE, DILWL Office, Room D938, 9/F., Tower D, 3 King Ling Road, Tseung Kwan O, NT  
Tel: 3928-2485  Fax: 3928-2988

SECTION 9 – APPLICATION FORM SUBMISSION AND ACKNOWLEDGEMENT
1. Application form should be submitted by mail or in person to the SHAPE OFFICE OF YOUR PROGRAMME CHOICE. Please check Section 1 and Section 8 for the correct address. You may also return the application form to a drop box located at IVE and HKDI campuses.
2. We will acknowledge receipt of your application by email. Please make sure your email address provided on page 1 of this application form is correct.
SECTION 10 – TUITION FEE PAYMENT AND REFUND ARRANGEMENTS

1. Total programme fee for BSc (Hons) Events and Leisure Management, BSc (Hons) Hospitality Business Management, BSc (Hons) Sports Business Management, BSc (Hons) Sport Coaching and BSc (Hons) Tourism Management, is **HK$69,600**. This consists of a registration fee of **HK$3,200** and a tuition fee of **HK$66,400**. Tuition fee is payable by 2 instalments and will be collected within 1 month before the commencement of the semester.

2. Total programme fee for BA (Hons) Business and Finance, BA (Hons) Business and Human Resource Management, and BA (Hons) Business Management is **HK$69,600**. This consists of a registration fee of **HK$3,200** and a tuition fee of **HK$66,400**. Tuition fee is payable by 2 instalments for full-time programmes and 3 equal instalments for part-time programmes. All instalment payments will be collected within 1 month before the commencement of the semester.

3. Total programme fee for BA (Hons) Jewellery and Metalwork is **HK$75,600**. This consists of a registration fee of **HK$3,200** and a tuition fee of **HK$72,400**. Tuition fee is payable by 2 instalments for full-time programme (each instalment: **HK$36,200**) and 3 instalments for part-time programme (1st instalment: **HK$24,200**; 2nd & 3rd instalment: **HK$24,100**). All instalment payments will be collected within 1 month before the commencement of the semester.

4. Total programme fee for BEng (Hons) Electronic Engineering is **HK$81,200**. This consists of a registration fee of **HK$3,200** and a tuition fee of **HK$78,000**. Tuition fee is payable by 3 instalments and will be collected within 1 month before the commencement of the semester.

5. If you accept the offer, you should pay the registration fee and the 1st instalment of the tuition fee in full before the deadline stated in the offer letter to complete the registration procedures.

6. All fees paid less application fee will be refunded if the programme is withdrawn or not offered.

7. On premature cessation of the programme, all fees and charges that have been collected in respect of any part of the programme failing to be conducted on or after the date of the cessation will be refunded within 1 month of the premature cessation.

SECTION 11 – APPLICATION FEE PAYMENT

The application fee is **HK$200** and is **NON-REFUNDABLE**. Please indicate your payment method with a “✓” and glue the original payment receipt in the box provided.

If the application fee is paid by ATM (Automatic Teller Machine) Transfer Services, please follow the below instructions in making payment:

**HSBC & Hang Seng Bank ATM**
- Select “Bill Payment Service”
- Select “Education – Others”
- Select “Vocational Training Council”
- Enter Type: “01”
- Enter Payment Number: please see payment number below
- Enter Amount: HK$200

**JETCO ATM**
- Select “JET Payment”
- Enter Merchant Code: “9151”
- Enter Type: “01”
- Enter Payment Number: please see payment number below
- Enter Amount: HK$200

**Payment Number for ATM Transfer Services:**
- Campus of Your Programme Choice: **IVE (Chai Wan)**
  - 6700001
- Campus of Your Programme Choice: **IVE (Tsing Yi)**
  - 6700007
- Campus of Your Programme Choice: **IVE (Sha Tin)**
  - 6700004
- Campus of Your Programme Choice: **DILWL**
  - 6700011

If the application fee is paid at 7-Eleven, the QR code for payment at 7-Eleven is shown below.

**Campus of Your Programme Choice: IVE (Chai Wan)**

3050107700001900048

**Campus of Your Programme Choice: IVE (Tsing Yi)**

3050107720001700050

**Campus of Your Programme Choice: IVE (Sha Tin)**

3050107735001900096

**Campus of Your Programme Choice: DILWL**

3050107700004400054

Please glue the original receipt here.

***Application form without attaching the original payment receipt WILL NOT be processed.***

*** Please DO NOT send in any cheque or cash. We WILL NOT deposit the application fee on your behalf.***
CHECKLIST FOR APPLICANT

Before submitting your application, please check if you have:
- [ ] Completed the form in full.
- [ ] Signed and dated the form.
- [ ] Enclosed copies of relevant academic documents and transcripts.
- [ ] Enclosed the original receipt of application fee payment.
- [ ] A waiver of application fee may be granted to eligible applicants. For details, please visit www.shape.edu.hk.

SECTION 13 – DECLARATION (Application form without signature will not be processed)

1. I declare that the information given in the application is, to the best of my knowledge, accurate and complete. I understand that this information will be used in the admission process of the programmes offered by the School for Higher and Professional Education and the Sheffield Hallam University.

2. I authorise the School for Higher and Professional Education and the Sheffield Hallam University to obtain, and the Vocational Training Council to release, information about my student record in the member institutions of the Vocational Training Council for the purpose of processing this application.

3. I authorise the School for Higher and Professional Education and the Sheffield Hallam University to use my data to carry out checks on multiple applications and checks on records of current and previous studies in the member institutions of the Vocational Training Council.

4. I authorise the School for Higher and Professional Education and the Sheffield Hallam University to obtain, and the relevant institutions to release, further academic information or official student records if necessary, and / or where my work experience is relevant, to verify my employment records, for the purpose of making an informed decision about my application.

5. I understand that, upon my registration in a programme in the School for Higher and Professional Education and the Sheffield Hallam University, the data contained in the application form will become part of my student record and may be used for all purposes relating to my study in accordance with the procedures of the School for Higher and Professional Education and the Sheffield Hallam University.

6. I understand that the School for Higher and Professional Education and the Sheffield Hallam University may use my application data for statistical purposes. The application form and other related personal information will be disposed of after the completion of the 2016/17 admissions exercise. Nevertheless, if I have indicated in Section 12 that I wish to receive information from the School for Higher and Professional Education and the Sheffield Hallam University, my application data will be retained.

7. I understand that in accordance with the Personal Data (Privacy) Ordinance, I have the right to request access to, and the correction of my personal data. I should submit written request to the School for Higher and Professional Education at Room 008, Academic Block, 30 Shing Tai Road, Chai Wan, Hong Kong if I wish to access or make corrections to my data.

8. I fully understand the Intellectual Property Policy (the Policy) indicated at www.shape.edu.hk (Admission – Point to Note) which is applicable to students of all VTC member institutions. I understand and agree that adherence to the Policy is a condition of continued enrolment and graduation.

9. I understand that provision of any false or misleading information therein shall lead to DISQUALIFICATION of application without notice and cancellation of any resulting registration. Any fees paid will NOT be refunded.

Applicant’s Signature: __________________________ Date: __________________________

SECTION 12 – SOURCE OF KNOWING SHAPE PROGRAMMES

From which of the following sources have you heard about SHAPE programmes? Please indicate your source(s) with a “✓” in the appropriate boxes (You may select more than one):

- [ ] SHAPE Website
- [ ] VTC Lecturers
- [ ] SHAPE Prospectus / Leaflets
- [ ] Information Panels
- [ ] Yahoo / Google Keyword Search
- [ ] Information Day
- [ ] Education Fair
- [ ] Newspaper / Magazine (Title: ____________)
- [ ] Others (Please specify: ____________)

Do you wish to receive information in relation to any programmes, admission and events of the School for Higher and Professional Education, member institutions of the Vocational Training Council and the Sheffield Hallam University? [ ] YES  [ ] NO