



Information sheet 1

City & Guilds and the Engineering Council UK

Working together to bring you

Eng Tech, IEng and CEng Examinations and a route to becoming an Internationally recognised top level Professional Engineer

About City & Guilds

City & Guilds' mission as the world's leading provider of qualifications and learning support for work and adult life is to enrich peoples lives. We are committed to the spirit of lifelong learning as a means for all to fulfill their potential. Employers worldwide rely on us to help to develop a qualified workforce, equipped with the competencies that have made the City & Guilds name synonymous with workplace excellence.

As a registered charity and a royal chartered institute, City & Guilds receives no direct government grants but operates by charging enough to cover its costs and to support future investment while maintaining value for money. City & Guilds started with just 202 candidates in 1878; now we issue over a million and half certificates every year to candidates in 100 countries. We have sustained growth by constantly adapting to meet the requirements of employers and learners, and this has never been more important than today – when competition is increasing, industries are global, and the pace of change in occupations and skills is accelerating ever more rapidly.

City & Guilds exists to encourage education and training in, and for, the workplace. City & Guilds is the leading vocational awarding body in the UK, and, as the only awarding body solely dedicated to vocational learning, it offers companies worldwide a recognised skills benchmark.

The work of City & Guilds provides the foundations which underpin modern systems of vocational education and training by :-

- establishing occupational standards
- preparing syllabuses in technical and vocational subjects
- designing assessments to measure the ability of learners
- developing effective systems for exam administration and quality assurance
- educational research

Our qualification programmes and assessments are delivered through colleges of further and higher education, universities, businesses, private training providers, and armed forces. We have a network of 9 regional and 3 national offices in the UK and 7 international offices and various representatives to support centres and partners.

City & Guilds offers a range of qualifications in vocational and general subjects. The qualifications developed by City & Guilds are designed to provide a combination of practical experience and theoretical knowledge. They are therefore recognised by employers as evidence that the holder has the right skills to do a particular job, yet equally they provide a route to further and higher education and training.

City & Guilds does not itself provide training or education courses, nor does it always specify lengths of study preparation. The role of City & Guilds is to provide examinations and other forms of assessments, and award certificates, diplomas or advanced diplomas for achievement. We work locally with colleges and other education or training establishments (known as 'centres') who will effect training locally and who will enter candidates for assessment when they are deemed to be ready.

Registration and assessment entries

Please note that all registrations and entries for City & Guilds assessments must be made through an approved City & Guilds examination centre or the Branch office in South Asia at Gurgaon.

Obtaining approval

Organisations wishing to offer Engineering Council programmes (or other City & Guilds awards) must apply for and receive formal approval before starting training provision.

To obtain approval to run a course, the centre will need to complete an application form and provide assurances (and details when requested) regarding suitability of the proposed teaching staff and their qualifications, existing accommodation, workshop facilities, equipment and tools and administration systems.

Recognition

Certificates, diplomas and advanced diplomas awarded by City & Guilds are accepted throughout the world as evidence of skills and knowledge certificated to UK standards.

Furthermore, a growing number of educational institutions and professional bodies have formally recognised achievement of certain City & Guilds qualifications as meeting entry requirements and enabling exemption from some examinations.

Qualification levels explained

City & Guilds qualifications progress through seven levels, from basic literacy to our Senior Awards, which recognise professional achievement up to the equivalent of postgraduate level.

NQF Levels	City and Guilds Levels	Vocational	Academic
8	7 The highest level of technical and managerial achievement	City & Guilds Fellowship (FCGI)	PhD Postgraduate levels
7	6 Senior management level	City & Guilds Membership (MCGI) MPD (Master professional Diplomas)	EC Postgraduate Diploma (set at the final year of a British MEng first degree course which is four years in length) Masters Degree
6	5 Requires the application of complex principles and techniques involving responsibility for human and material resources	City & Guilds Graduateship (GCGI) UK NVQ / SVQ Level 5	EC Graduate Diploma (set at the standard of the final year of a British BEng (Hons) three year degree course) Honours Degree

<p>5</p> <p>4</p>	<p>4</p> <p>Demands specialist or technical expertise and the ability to undertake professional work, at the level of Master Craftsman in Europe</p>	<p>Full Technician Diploma (FTD)</p> <p>IVQ Advanced Technician Diploma</p> <p>City & Guilds Licentiate (LCGI) UK NVQ / SVQ level 4</p> <p>Higher Professional Diplomas (HPDs)</p>	<p>EC Certificate</p> <p>(set at the standard expected of an undergraduate at the end of a first degree course)</p> <p>BTEC HND / HNC</p> <p>Foundation Degree</p>
<p>3</p>	<p>3</p> <p>Advanced level</p> <p>Recognises complex skilled work involving supervisory ability</p>	<p>IVQ Technician Diploma</p> <p>IVQ Advanced Vocational Diploma</p> <p>UK NVQ / SVQ Level 3</p>	<p>A Level</p> <p>BTEC National Certificate / Diploma</p>
<p>2</p>	<p>2</p> <p>Intermediate level</p> <p>Acknowledges individual responsibility, and a degree of specialist knowledge and ability</p>	<p>IVQ Technician Certificate</p> <p>IVQ Vocational Diploma</p> <p>UK NVQ / SVQ Level 2</p>	<p>GCSE grade A-C</p> <p>BTEC First Certificate</p>
<p>1</p>	<p>1</p> <p>Foundation level</p> <p>Indicates the ability to perform routine tasks, basic knowledge and understanding as the basis of progression</p>	<p>IVQ Vocational Certificate</p> <p>UK NVQ / SVQ Level 1</p>	<p>GCSE grade D-G</p>

About the Engineering Council UK

Achieve your potential

The Engineering Council UK is the UK registration authority for professional engineers, working in partnership with 35 professional engineering institutions. It regulates the engineering profession in the UK, and through its international network, helps to maintain a world-class engineering workforce and provides standards against which overseas professional engineers may be judged.

City & Guilds and the Engineering Council UK have joined forces in order to extend the availability of the EC examinations around the world.

The Engineering Council Examinations (managed by City & Guilds) are the ideal choice for engineers looking for a qualification to help them reach their goals within their chosen profession.

As well as meeting the entry requirements for higher degree studies at many British Universities, the Examinations are recognised by many professional membership bodies worldwide. The Engineering Council Examinations are held at City & Guilds approved centres in the UK and throughout the world in May each year.

The Examinations are recognised as the academic standard for registration as a Technician Engineer (Tech Eng), Incorporated Engineer (IEng) and Chartered Engineer (CEng). They are also an excellent choice for those wishing to complete a respected British engineering qualification without pursuing an accredited degree. Equally they are for those who have a non-accredited degree and wish to undertake further qualifications to meet the required standard. In addition the EC examinations provide a route to the "International professional engineers register".

Engineering Council examinations

The Engineering Council examinations are available at three distinct, progressive levels and have been designed to provide a flexible route for meeting the academic standard for Chartered Engineer registration as required under UK-SPEC (see below).

The Engineering Council Examinations do not set any restrictions on the combination of subjects selected or the length of time taken to complete a component. However prospective candidates must be aware that, if they wish to join a professional institution in order to gain Tech Eng, IEng or CEng registration or to further their career in general, the institution may set its own limits in order to meet particular membership standards. It is vital, therefore, that prospective candidates seek the advice of the respective professional UK engineering institution prior to beginning their study.

Candidates aspiring to CEng registration may need to undertake further study as outlined in UK-SPEC. The Engineering Council Postgraduate Diploma is at MEng standard.

What is UK-SPEC

These are the standards for recognition of professional engineers and professional engineering technicians in the UK.

UK-SPEC is published by the Engineering Council UK, a chartered educational charity, responsible for maintaining the UK register of Chartered Engineers, Incorporated Engineers and Engineering Technicians. UK-SPEC was developed by panels representing **professional engineering institutions, employers, and engineering educators**. The Standards may only be changed and updated by the authority of the governing **Board of ECUK**, whose members come from each of these stakeholder groups.

Institutions use the UK-SPEC Regulations to assess applications for registration. Many Institutions include additional or interpretive requirements. Intending applicants for registration are encouraged to contact their chosen Institution directly.

For more information refer to www.cityandquilds.com/ecukexams

Progressive levels

The structure permits an individual to study at their own pace once a choice of subjects has been made, and to take as few or as many papers as they wish each year: there is no time limit for the completion of any of the three levels which are:

The Engineering Council Certificate

The Engineering Council Graduate Diploma

The Engineering Council Postgraduate Diploma

The examinations have five main professional institute groupings. These are Mechanical, Civil, Electrical, Chemical and Information Technology.

After or during training the candidate must register with City and Guilds through an approved Engineering Council examination centre or British Council office. Once registration has been confirmed, entries for examinations may take place.

Why Follow the Engineering Council Examinations route?

1. The Engineering Council route is transparent, complies with **UK-SPEC** and is acceptable to many overseas professional institutions for the fulfilment of their academic requirements for registration
2. Many UK universities, upon application, accept the EC Post Grad Dip as entry into MSc programmes
3. EC exams can be used as a progression route by holders of certain City & Guilds IVQs and also Higher National Diplomas (HNDs)
4. The EC route is well recognised in its own right as providing respected British Engineering Qualifications
5. To gain academic qualifications acceptable for entry into certain UK Professional Institutions at Tech Eng, IEng and C.Eng levels.
6. Students can study at their own pace with a wide variety of subjects to choose from according to the students own expertise and intended future direction. Students can take as many or as few papers as they wish at each sitting.
7. The engineering faculties of Universities are likely to cover a large proportion of the EC syllabuses and so coverage of the EC syllabuses may require only top up courses or study
8. The modular system parallels the systems used in most Universities
9. The City & Guilds name is known in over 100 countries so bringing international recognition to EC through the association.
10. The EC examinations provide a route to the “International professional engineers register”
11. There is no academic penalty for failing a paper
12. Students can incorporate studies into their lifelong learning plan (continuous professional development – CPD)
13. Students can progress to the highest levels of Engineer status at their own pace and as circumstances allow.
14. Holders of CEng, IEng and Eng Tech may apply for City & Guilds Senior Awards of MCGI, CGCI and LCGI respectively by means of reciprocal recognition.

How much will it cost?

Fees are charged for registration and for entry to each subject. A separate fee is charged for the project components.

Details of the fees can be obtained from your locally approved centre or British Council office.

How long will it take?

That's up to the individual. The only stipulation is that the student must have suitable and approved entry credentials. Each paper represents the equivalent of about 300 hours of study, 120 are taught hours, but these figures may vary widely according to personal circumstances and experience.

International Professional Engineer (IntPE) Register

This Register is governed by the Engineers' Mobility Forum (EMF), which consists of the national engineering organisations of Australia, Canada, Hong Kong, Ireland, Japan, Korea, Malaysia, New Zealand, South Africa, UK and USA.

Entry to the Register, which began operation in 2002 - is open to engineers who:

1. have been assessed within their own economy as eligible for independent practice
2. have academic qualifications equivalent to an accredited degree
3. have seven years post-graduation experience
4. have spent at least two years in responsible charge of significant engineering work
5. are maintaining relevant continuing professional development at a satisfactory level

UK-Int PE Registered Engineers

Admission to the UK Section of the Register is open to Chartered Engineers who meet the above criteria. UK applications should be made through the member Institution.

ECUK is unable to receive applications from Chartered Engineers who have achieved this status through the Mature Candidate Route, Career Appraisal Route, or the Senior Route. Whilst, ECUK recognises the competency of these engineers, the International Register of Professional Engineers Agreement does not yet accept applicants through what our partners in the Agreement would consider 'competency routes'.

UK-registered engineers wishing to register on the International Register of Professional Engineers can download an application form or contact the membership department of their UK Chartered Engineering Institution for application forms.

Incoming Engineers (overseas engineers applying for UK registration)

The engineering profession in the United Kingdom is regulated by the ECUK through 35 engineering Institutions who are licensed to include suitably qualified members on the ECUK's Register of Engineers. The Register has three sections: Chartered Engineer, Incorporated Engineer and Engineering Technician. These titles are protected by the ECUK's Royal Charter and may only be used by Registrants.

All candidates for Registration as professional engineers must satisfy the competence standards set by the ECUK and be members of the appropriate licensed engineering Institution.

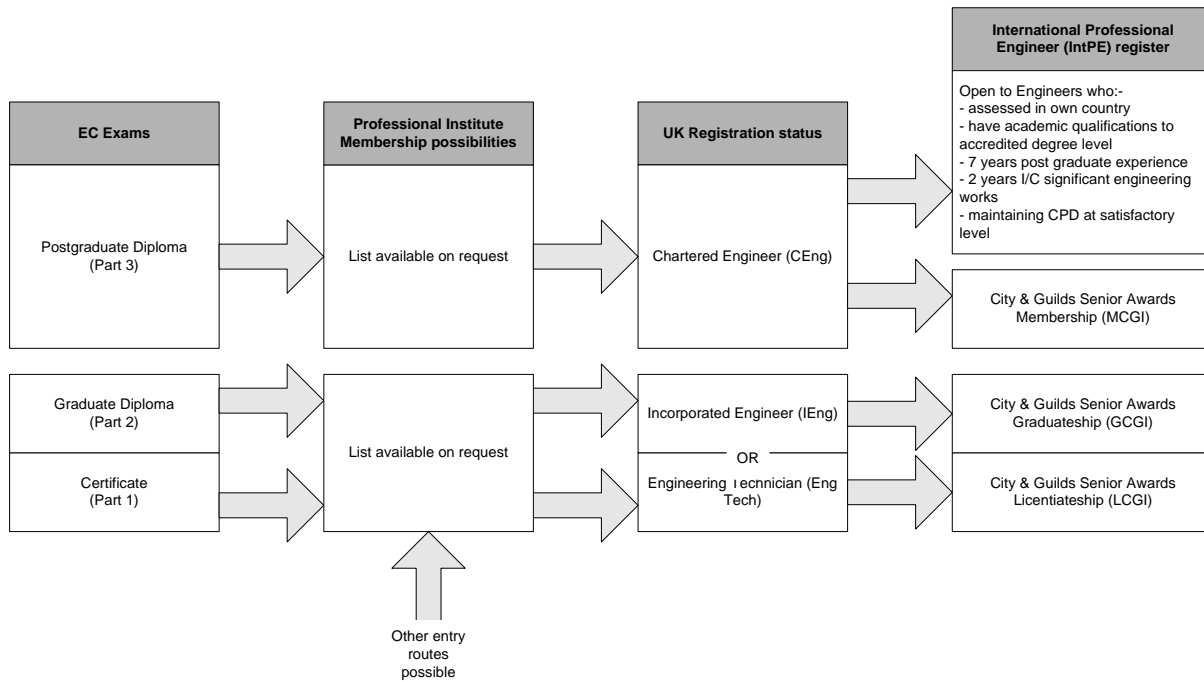
Who are Registered Professional Engineers?

1. Are engineers and technicians who have demonstrated that their academic qualifications, training and professional experience meet the requirements to register with the Engineering Council UK
2. Are entitled to use the designatory letters of CEng (Chartered Engineer), IEng (Incorporated Engineer) or EngTech (Engineering Technician) after their names.

Why should you become a Registered Professional Engineer?

1. Registration is the assurance that a person has received education and training which meet UK and international professional standards
2. It gives an advantage when applying for a job
3. It is a sign of commitment to a code of professional conduct and ensures the spread of best practice (refer UK SPEC).

Route to CEng status and IntPE register



Further information

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