Why become professionally registered?

Professional registration is an important milestone for any engineer or technician wishing to demonstrate their commitment to engineering.

In particular, registration shows your peers and employers that you have a commitment to professional standards, and to developing and enhancing competence.

Professional registration establishes proven knowledge, understanding and competence in engineering, whilst registering through INCOSE UK demonstrates a specific commitment to Systems Engineering and the Systems Engineering discipline in particular.

Key benefits include:

- **Recognition** as a professional in your field
- **Improved self-motivation, career opportunities** and **salary prospects**
- **Greater influence** within your organisation and industry
- Confirmation that you are a **competent engineering professional**
- **Connecting you** with innovative, influential and inspirational people
- **Internationally recognised** qualification awarded by the Engineering Council

Transferring registration to INCOSE UK from elsewhere

It is recognised that over the course of a career, an individual's natural "home" may change from one discipline to another. This is particularly true of systems engineers, who often start their career in one discipline (e.g. Electronics, Mechanical, Physics, Aerospace) before reaching a stage in their career when they regard Systems Engineering as their natural "home" discipline.

You can request to transfer your CEng, IEng or EngTech professional registration from another UK engineering institution to INCOSE UK. There are some procedures to follow but we can help you with the transfer. For more information, contact profdev@incoseonline.org.uk.

Need Help?

This leaflet is intended only as a brief introduction to professional registration for systems engineers through INCOSE UK.

For further information, advice and links to helpful websites go to: http://www.engc.org.uk/professional-registration/ where you can download UKSPEC.

Download copies of this leaflet and other Systems Engineering resources online at: www.incoseonline.org.uk

For more information about the worldwide Systems Engineering professional community, go to: www.incose.org

For information on all aspects of professional development as a systems engineer through INCOSE UK, contact: profdev@incoseonline.org.uk

Series editor: Hazel Woodcock
comms-director@incoseonline.org.uk

Lead author: Ian Presland
pd-director@incoseonline.org.uk

INCOSEUK   @incoseuk   INCOSEUK

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What is professional registration through INCOSE UK?

Professional registration with the UK Engineering Council recognises your competence, commitment, skills and experience as an engineer.

INCOSE UK believes that this is a key step in your professional development as a systems engineer.

As an affiliate to the Engineering Council, INCOSE UK can now offer professional registration as a systems engineer through our professional registration partner.

Applying for professional registration

You must be a member of INCOSE UK before applying for professional registration as a systems engineer. For more information on becoming a member, please visit the INCOSE UK website.

Once you are a member, you can apply through the INCOSE UK website. The first step is to download and study the application pack and supporting registration guidelines. It is advisable to seek the advice of a registration mentor, either through your employer, or INCOSE UK.

Mentors understand the competencies required and ensure that your application reflects your own experiences in an appropriate manner.

Current fees for professional registration are published on the INCOSE UK website.

INCOSEUK

Who governs Professional Registration?

The **Engineering Council** is the UKs regulatory authority for registration of Chartered and Incorporated Engineers and Technicians. It holds a register of these and governs standards and procedures for registration, which it delegates to **licensed member institutions** to operate. Over 222,000 engineers and technicians are registered.

INCOSE UK is formally affiliated to the Engineering Council, but as it is not yet a licensing member, it is authorised to work in partnership with one of the 35 licensed member institutions to provide professional registration to its members. Our chosen partner is the **Society of Environmental Engineers (SEE)**. This institution specialises in supporting smaller council affiliates.

What levels are on offer?

Through our partnership with the SEE, systems engineers can apply for any of the three professional engineering qualifications defined in the UK Standard for Professional Engineering Competence (UK-SPEC):

- **Chartered Engineer (CEng)**
- **Incorporated Engineer (IEng)**
- **Engineering Technician (EngTech)**

Which level is for me?

See which box below best applies to you...

Do you apply Systems Engineering techniques to:

- Develop new or existing technology?
- Problem solve?
- Make a key contribution to your business' success, through innovation, creativity and change?
- Promote advanced designs or design methods?
- Develop better production techniques, marketing or construction concepts?
- Pioneer technology or engineering services and management methods?

If you do, then applying at Chartered Engineer (CEng) level may be the appropriate level to consider.

Do you apply Systems Engineering techniques to:

- Maintain and manage applications of current and developing technology?
- Apply existing and emerging technology in your work?
- Problem solve?
- Contribute to continuous improvement in your business processes?
- Manage the planning, budgeting and organisation of tasks, people and resources?
- Have involvement in design development, manufacture, construction and operation

If you do, then applying at Incorporated Engineer (IEng) level may be the appropriate level to consider.
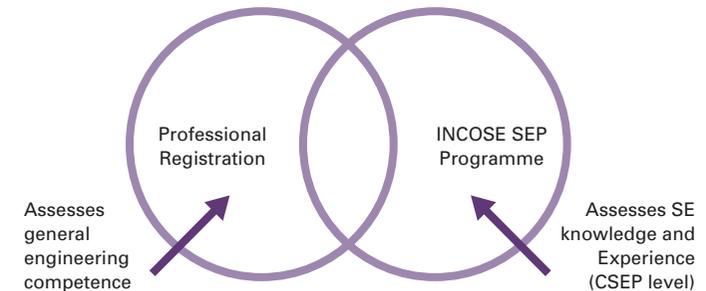

Do you:

- Apply proven techniques and procedures to practical systems engineering problems?
- Hold supervisory or technical responsibility?
- Contribute to systems design, development, manufacture, commissioning, decommissioning or operation?
- Maintain products, equipment, processes or services for a system?
- Show a creative approach to your work?
- Apply safe systems of working?

If you do, then applying at Engineering Technician (EngTech) level may be the appropriate level to consider.

What about the INCOSE SEP Programme?

The INCOSE **Systems Engineering Certification (SEP)** and **Professional Registration** are complementary programmes. Each standard is looking for different things, although there is an overlap.

Professional Registration — Assesses general engineering competence

INCOSE SEP Programme — Assesses SE knowledge and Experience (CSEP level)

The INCOSE SEP programme (at CSEP level) is looking primarily for **knowledge and experience in Systems Engineering**, whereas Professional Registration is focused on demonstrating **competence in key engineering areas** (which as a systems engineer will include the application of many Systems Engineering skills).

For this reason, INCOSE UK recommends that systems engineers consider participating in both schemes as part of their professional development planning.

Maintaining your registration

Joining the register confirms your commitment to the Engineering Council's Guidelines for Institutions' Codes of Conduct and the INCOSE UK Code of Ethics and your obligation to remain professionally competent through **Continuing Professional Development (CPD)**.

You can maintain a record of CPD activities with the INCOSE UK CPD **MyCareerPath**® tool.