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# Obtaining BCS Fellowship & Chartered Status

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Keith Taylor kindly provided some of these slides

- Honorary FBCS, BCS John Ivinson Medal
- Freeman of the City of London,
- Liveryman of the Worshipful Company of Chartered Engineers,  
**MBE** for services to education by Prince Charles  
Actively Involved with the BCS for many years
- Past BCS Trustee Board and Council member
- Currently
- Chair Hampshire Branch - Vice Chair Quality SG and eLearning SG
- Committee of following SGs – GreenIT Cybercrime Forensics, Animation and Games Development, BCSWomen and Digital Divide



# BCS Fellowship & Chartered Status

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We will consider how to upgrade

- SFI*Aplus* v8
- MBSC
- CITP
- CEng
- Eurling
- Csci
- FBCS
- BCS Life Membership

Further webinar on **CITP** on **Monday 28 February**

And on **CEng** on **Monday 21 March**, both by Russ Friend

# Personal Development

The following qualities are the sorts of things we look for in people working in Information Technology:

- Technical skills
- Autonomy
- Professionalism

- Good communication
- Business awareness
- Influence

- Innovation

- Leadership
- Eminence

**SFIA 4**

- Membership level  
**MBCS**

- Chartered level

**CITP**

- I. Eng. C. Eng.  
C. Sci

- Fellowship level  
**FBCS**

**SFIA 7**

**SFIA 5**

SFIA= Skills Framework for the Information Age

# MBCS Criteria

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MBCS



SFIA= Skills Framework for the  
Information Age

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# What is SFIA ?

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The *Skills Framework for the Information Age (SFIA)* provides a common reference model for the identification of the skills needed in Information Technology

## The SFIA Foundation:

BCS – Chartered Institute for IT

E-skills UK - Sector Skill Council for IT and Telecoms.

IET – Institute of Engineering and Technology

IMIS – Institute for the Management of Information Systems

*it*SMF UK – IT Service Management Forum

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# SFI*Aplus* version 8

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The aim of the framework is to create a common language to benchmark IT competences and develop IT professionals.

SFI*Aplus* v8 is latest version of the BCS's extended version of SFIA (broken down into 7 levels)

It can be accessed by signed-on BCS members via

**MyBCS**, then

**Career Development**, then

**Go to Browse SFI*Aplus***

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# SFIAplus levels

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SFIAplus defines seven levels of competency from 1 (very junior) to 7 (very senior)

1. Follow
2. Assist
3. Apply
4. Enable
5. Ensure, advise
6. Initiate, influence
7. Set strategy, inspire, mobilise

To obtain CITP (and other professional registrations), you need **usually to be working at level 5 or above**

# Stratature and Architechure section



Strategy and planning	Strategic planning								5	6	7		
	Information systems coordination									6	7		
	Information management							4	5	6	7		
	Enterprise and business architecture								5	6	7		
	Solution architecture							4	5	6			
	Innovation								5	6	7		
	Emerging technology monitoring							4	5	6			
	Research							2	3	4	5	6	
	Demand management									5	6		
	Investment appraisal									4	5	6	
	Financial management									4	5	6	
	Measurement									3	4	5	6
	Sustainability									4	5	6	
	Continuity management								2	3	4	5	6

# Stratature and Architechure section



Security and privacy	<u>Information security</u>			<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>
	<u>Information assurance</u>			<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>
	<u>Personal data protection</u>					<u>5</u>	<u>6</u>	
	<u>Vulnerability research</u>			<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
	<u>Threat intelligence</u>		<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
Governance, risk and compliance	<u>Governance</u>						<u>6</u>	<u>7</u>
	<u>Risk management</u>			<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>
	<u>Audit</u>			<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>
	<u>Quality management</u>			<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>
	<u>Quality assurance</u>			<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
Advice and guidance	<u>Consultancy</u>				<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>
	<u>Specialist advice</u>				<u>4</u>	<u>5</u>	<u>6</u>	
	<u>Methods and tools</u>			<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	

# SFI Aplus version 8



<small>People and skills</small>	
<b>People management</b>	<u>Performance management</u> <u>Employee experience</u> <u>Organisational facilitation</u> <u>Professional development</u> <u>Workforce planning</u> <u>Resourcing</u> <u>Learning and development management</u>
<b>Skills management</b>	<u>Learning design and development</u> <u>Learning delivery</u> <u>Competency assessment</u> <u>Certification scheme operation</u> <u>Teaching</u> <u>Subject formation</u>
<b>Relationships and engagement</b>	<u>Sourcing</u> <u>Supplier management</u> <u>Contract management</u> <u>Stakeholder relationship management</u>
<b>Stakeholder management</b>	<u>Customer service support</u> <u>Business administration</u> <u>Marketing</u> <u>Selling</u> <u>Sales support</u>
<b>Sales and marketing</b>	

# SFIAplus skill codes

SFIAplus defines skill codes divided into sub-categories and

Skills do not normally span all levels 1-7

Only two does not include level 5, which are only at level 6 and 7

These skill codes should include most of those working in IT

Background of Sustrainability	1	2	3	4	5	6	7
Previous Experience				X	X	X	
Prior Knowledge and Skills				X	X	X	
Educational Background				X	X	X	

## Sustainability – level 5 – Skills Level – CPD

Undertaking **pro bono (unpaid) activities** that can help to develop professional skills or offer additional insight into, or understanding of, own working role, for example mentoring, coaching, teaching.

Undertaking learning in subjects relevant to, but not directly related to, own role (e.g. **foreign language** courses, mentoring skills, cultural awareness and diversity training), perhaps through self-study and using free on-line courses like MOOCs (Massive Open Online Courses).

Standing in for supervisor or manager on a temporary basis during periods of absence.

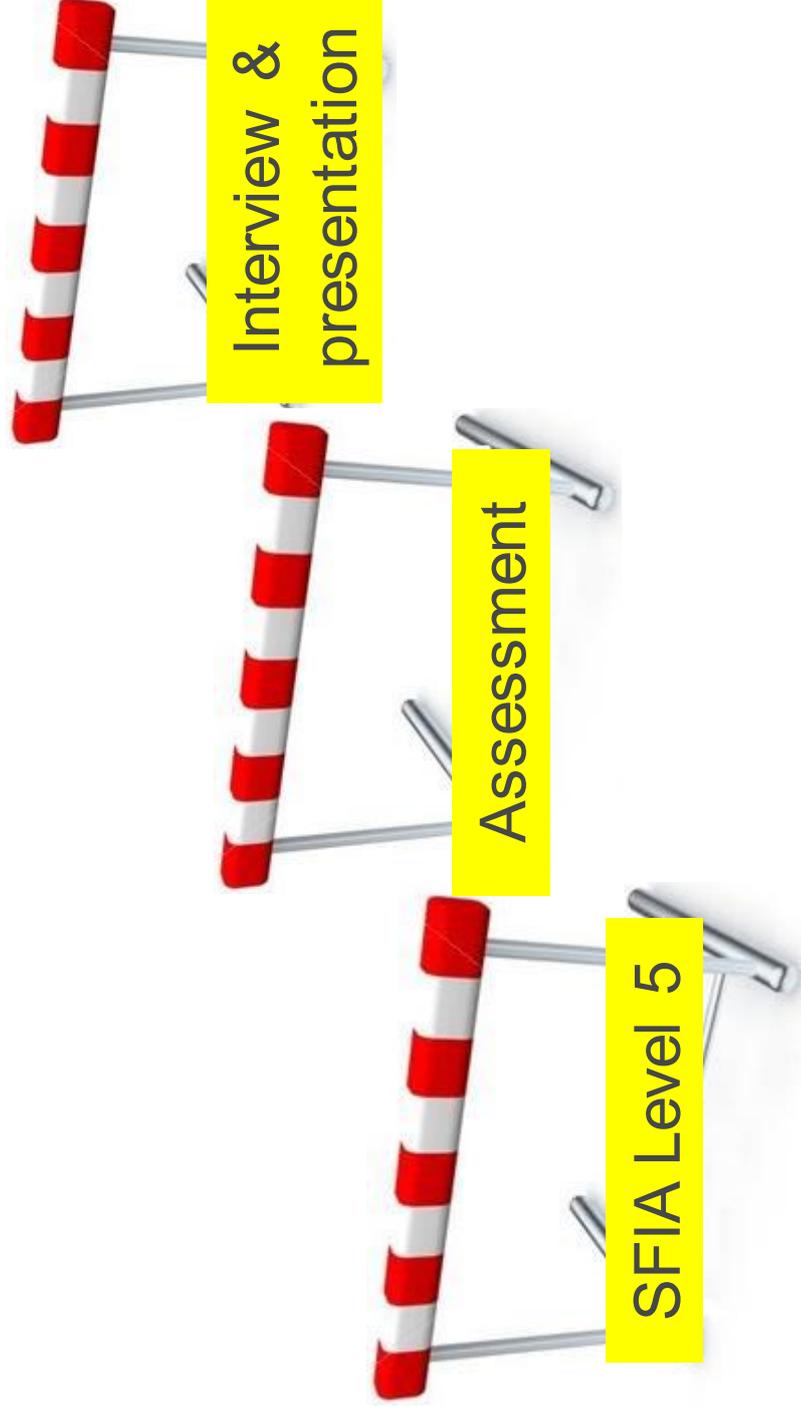
**Plus many other, including:**  
**Participation in Professional Body Affairs; Publications; Education/Learning Delivery; Mentoring; Team Leadership, Standards and Legislation**



# Chartered IT Professional (CITP)

# CITP Criteria

CITP



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# Application requirements and Process

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- Your current CV or résumé
- A personal statement detailing your experience (required only if this information is not covered in sufficient detail in your CV or résumé)
- Payment by credit or debit card
- Details of one or more supporters, at your or higher level, who can validate your application

## Stages

- Education and Experience Review (via CV),
- Specialist Competence Interview and presentation

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## CV hints and tips

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- Be positive about **YOUR** qualities, but have suitable evidence
- State details of **YOUR** job responsibilities for at least the last 5 years –the most recent is the most important
- Include responsibilities for systems, staff and budgets
- List all IT qualifications, include business training
- State distinctions or awards gained
- Give membership of other professional bodies or committees
- List conferences, publications and patents (if any)
- Include any relevant hobbies or social activities

# Stage 1 - Initial Assessment

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## Stage 1 criteria

- Working at SFIAPlus level 5 in a *challenging role*
- Full accountability for your own work (**Autonomy**)
- Responsibility and influence with colleagues, peers, or customers
- Demonstrate a range of complex technical skills in IT
- Business skills both general, and specific to the business you work in

# SFI Aplus level 5 - *Ensure, advise*

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## **Autonomy**

- Works under broad direction
- Accountable for own technical work or project
- Establishes milestones and delegates responsibilities
- Work is often self-initiated

# SFI Aplus level 5 - *Ensure, advise*

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## **Influence**

- Influences organisation, customers, suppliers and peers
- Builds appropriate and effective business relationships
- Decisions that impact on assigned projects - deadlines and budgets
- Allocates resources

# SFIAplus level 5 - *Ensure, advise*

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## **Complexity**

- Work requires application of fundamental IT principles in a wide and unpredictable range of contexts
- Works on a variety of complex technical and/or professional activities
- Understands relationship between specialism and wider organisational requirements

# SFIAplus level 5 - *Ensure, advise*

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## **Business skills - 1**

- Advises on the available standards, methods, tools and applications in own area of specialisation
- Clear understanding of the relationship between own area of responsibility /specialisation and user requirements of the employing organisation
- Keeps skills up to date and mentors colleagues
- Takes account of relevant legislation

# SFI Aplus level 5 - *Ensure, advise*

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## **Business skills - 2**

- Can analyse, diagnose, design, plan, execute and cost work
- Communicates effectively; formally and informally
- Demonstrates leadership; facilitates collaboration
- Demonstrates creativity and innovation in applying solutions
- Can analyse user requirements and advise users

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## CITP Summary – 28 Feb CITP and CoCC webinar

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- Applicant working at SFI*Aplus* Level 5 or above?
- Autonomy, influence and business skills?
- Specialist IT technical knowledge?
- Have they used all these in their challenging job (together with professionalism)?
- Interview (with 2 Assessors in your chosen specialism) and **Presentation** (maximum 10 minutes)
- **Certificate of Current Competence (CoCC) 5 years after CITP**
  - Resubmit updated CV and CPD evidence, repeat every 5 years to retain CoCC

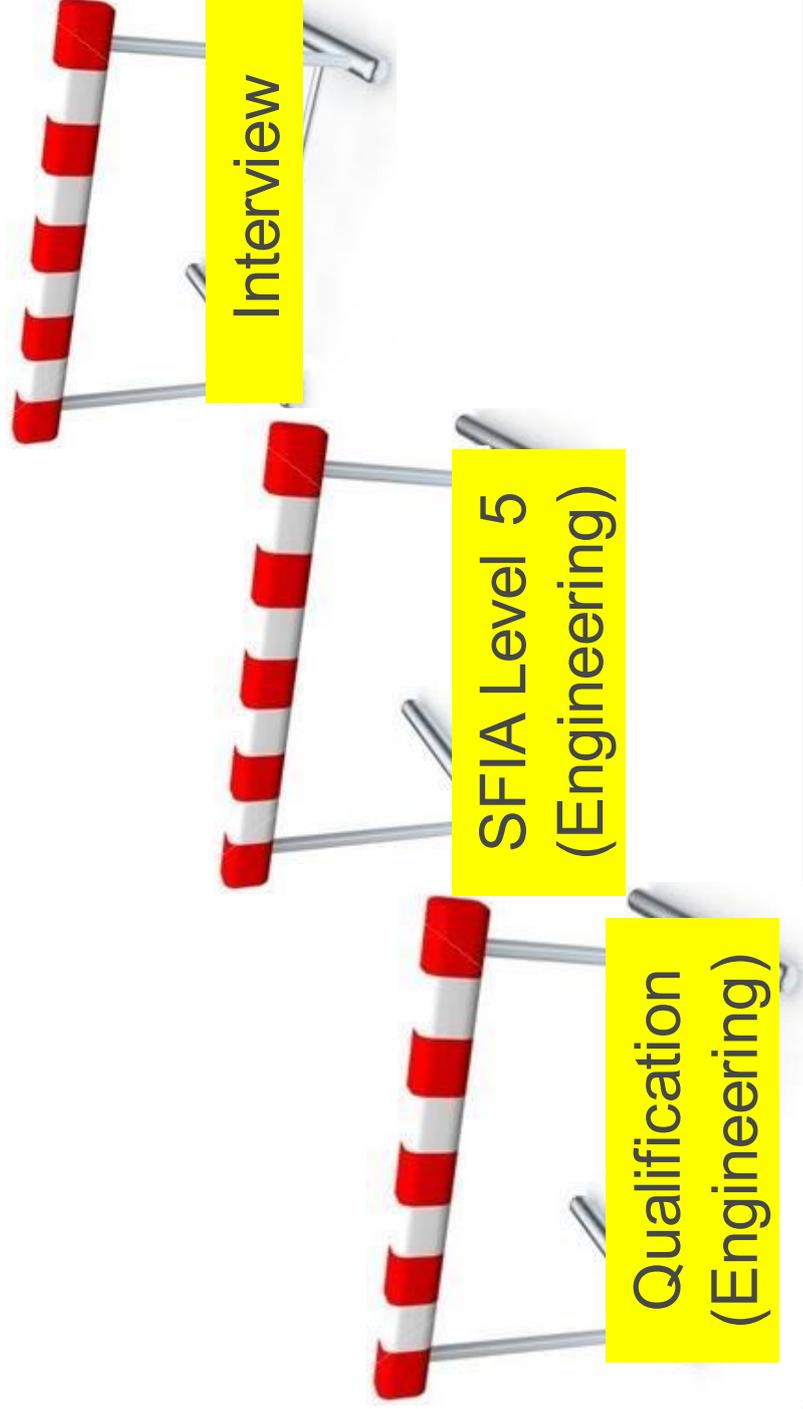


# **Engineering Council**

– Monday 21 March CEng webinar

# Engineering Council Criteria

C.Eng, I. Eng



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## Engineering Council

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- Has applicant got academic qualifications<sup>†</sup> accredited for EC registration?
- Have they been working at SFIA level 5 or above\*?
- Can they apply engineering methods in their job?
- Do they have creative, innovative skills (for C.Eng) ?
- Are they committed to professional standards?

\* † *Applicants can apply the individual route of a technical report or apply for exemption by an individual review on their experience*

## I.Eng and C.Eng differences

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- I.Eng and C.Eng are fairly similar; both are for engineers
- C.Eng must be capable of innovation and development of new technology (I.Eng. about existing technology)
- For I.Eng you need an accredited bachelors or honours degree (otherwise take the Individual route etc.)
- For C.Eng you need an accredited honours degree and a masters degree, or a MEng (otherwise take the Individual route etc.)
- Competencies are assessed according to ECUK Spec described on the EC website



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## PRI Interview

- The interview is by 2 assessors and lasts 45 to 60 minutes. It will normally be carried out on-line using conferencing software and secure document portals but can be face-to-face on request.
- During the interview you need to provide specific evidence relating to the competencies defined by the Engineering Council
- If you are applying for Chartered Engineer, you will need to demonstrate innovation and development skills.

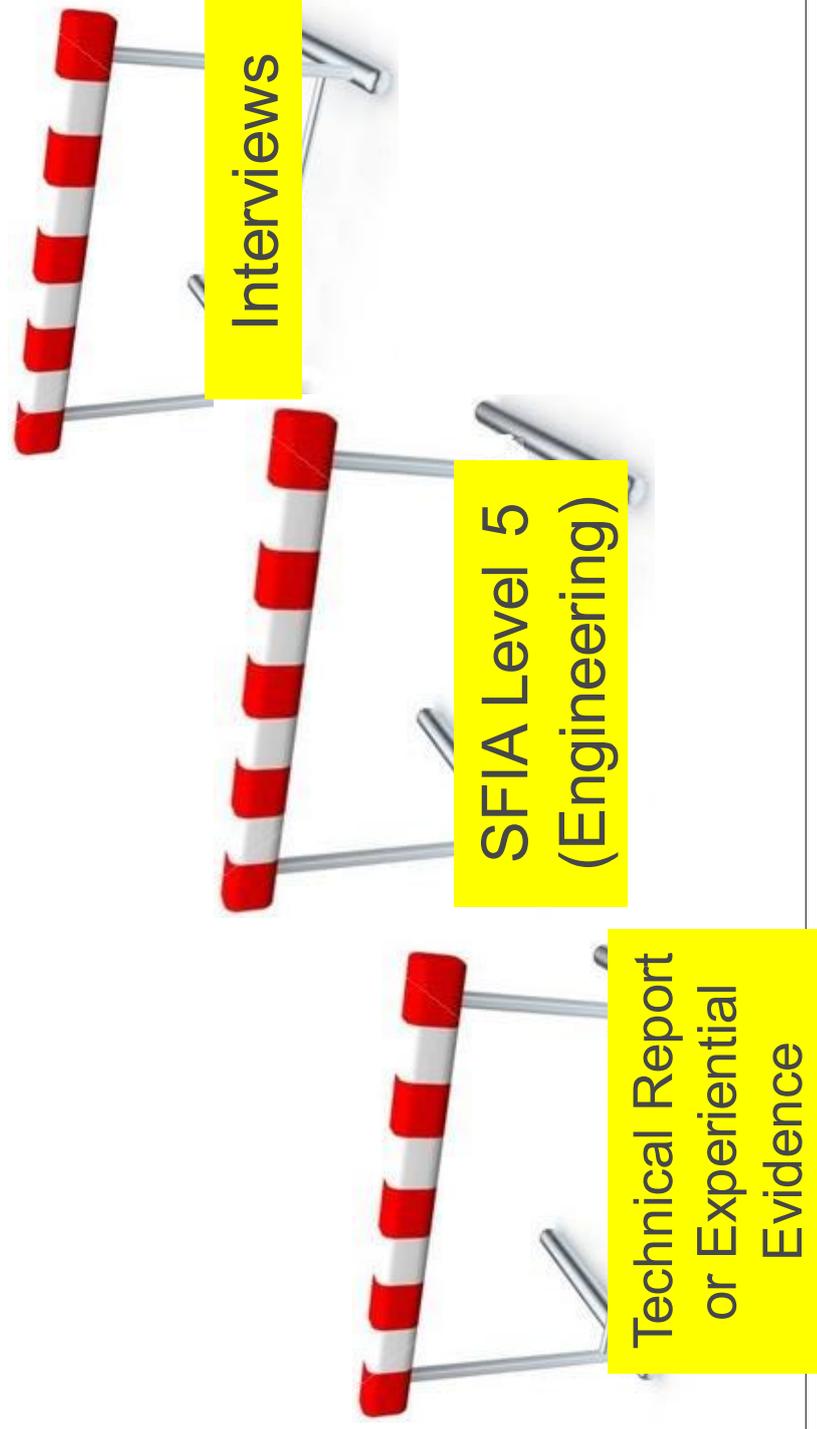


## Criteria for the award of CEng include demonstration of

- Maintain and extend a sound theoretical approach and engage in the creative and **innovative** development of **engineering** technology and solutions
- Apply appropriate theoretical and practical methods to the analysis and solution of engineering problems:
- Identify potential projects and opportunities
- Provide technical and commercial **leadership**
- Bring about continuous improvement through quality management
- Demonstrate effective interpersonal skills and personal and social skills
- Demonstrate a personal commitment to **professional standards**:
- Comply with relevant codes of conduct
- Manage and apply safe systems at work
- Undertake engineering activities in a way that contributes to sustainable development
- **Carry out CPD** to maintain and enhance competence in own area of practice

# Engineering Council Criteria for Individual Route

C.Eng, I. Eng



## **IEng/CEng Individual Route – Technical Report process**

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**See: “BCS Guidance notes for Professional members seeking Chartered status registrations IEng/CEng”**

- Applicant writes Synopsis
- Synopsis reviewed by Assessor
- Technical report must be received within 6 months
- Technical report reviewed by Assessors
- Technical Report Interview by two assessors (both CEng)

Followed by..

- Engineering Council Professional Review Interview based on ECUK by two assessors (both CEng)

## **IEng/CEng Individual Route – Experiential Evidence process**

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- Applicants that do not hold relevant accredited qualifications.
- Provide evidence of knowledge and understanding through demonstration of experience.
- Knowledge and understanding assessed against 3 key areas.
  - Science and Mathematics
  - Design
  - Engineering practice
- This will be assessed during Initial Review and if successful candidates progress to Interview with presentation.

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## Career-based assessment

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**Each assessor considers whether “the experiential route” might be appropriate, and if so scores the applicant**

Further information can also be asked for

**Two assessors have to agree that the applicant passes**

If there is disagreement, a third assessor has the casting vote

Failure to “pass” means the applicant must choose a different route

# European Engineer (Eurlng)

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- **International professional qualification for engineers in over 30 European countries.**
- Granted by national members of the European Federation of National Engineering Associations (**FEANI**), such as the UK EC
- European Engineer requires **proven experience in the application of knowledge, level of skill, safety and environmental consciousness, sense of responsibility, ability to communicate and level of supervision** received.
- **In UK Chartered Engineer is a pre-requisite requirement for an application for the Eurlng title, see .**  
**<https://www.bcs.org/membership-and-registrations/get-registered/engineer-ceng/european-engineer-eurlng/>**
- Some foreign European language skills are desirable but not mandatory at present

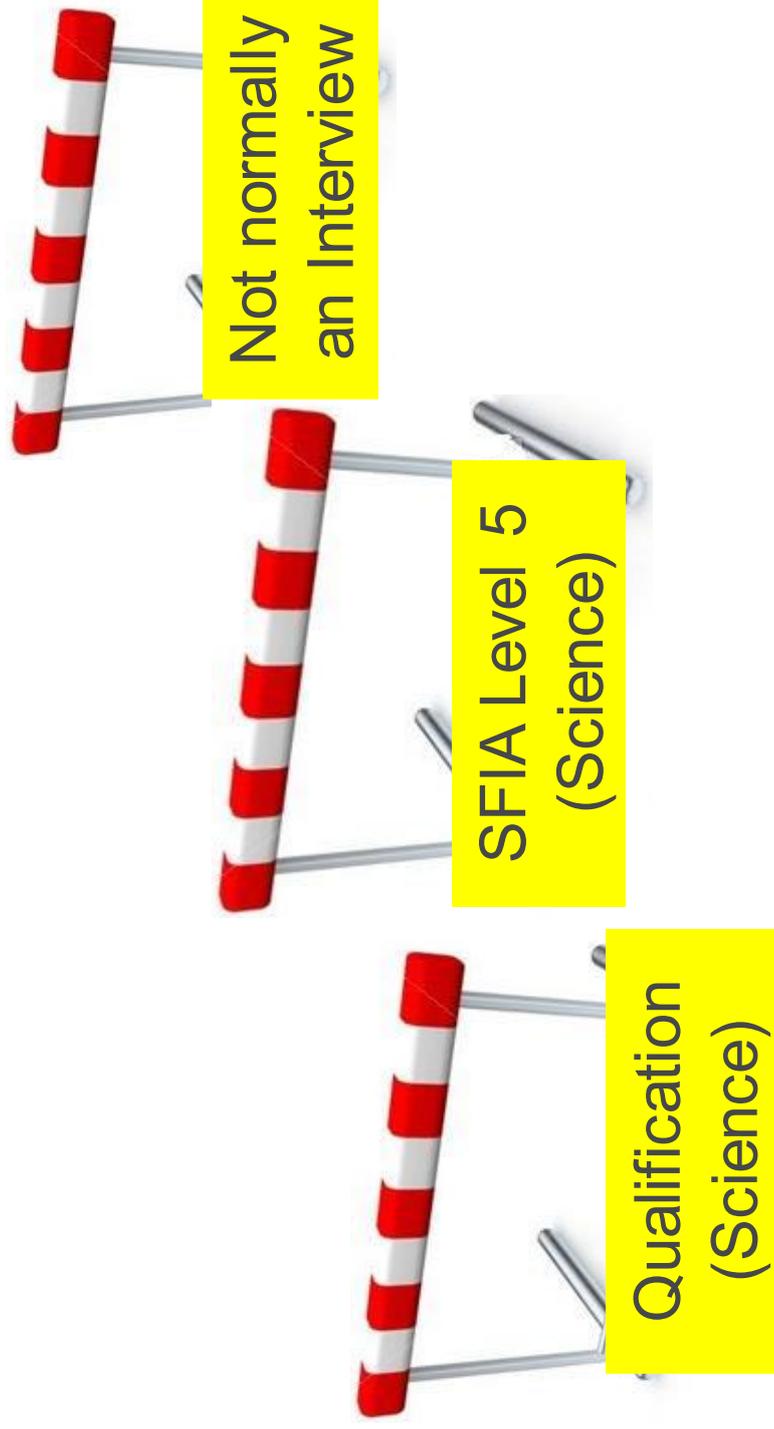
# European Engineer (Eurlng)

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- European Engineer (Eurlng) is awarded by the **Federation Europeene d'Associations Nationales d'Ingenieurs (FEANI)** and entitles those registered to use the title **Eurlng**.
- All those registered as Eurlng are listed in the FEANI Register, a database maintained by the Secretariat General in Brussels. Currently over 30,000 European Engineers are listed in the register.
- The Eurlng application form, guidance notes and guide to the FEANI register are available at **<https://www.feani.org/feani/eur-ing-title/who-can-and-how-apply-eur-ing-title>**
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# Science Council Criteria – not via BCS

C.Sci.



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## Chartered Scientist check list – not via BCS

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- Has applicant got academic qualifications† accredited for SC registration?
- Are they working at **equivalent of SFIA level 5** or above?
- Do they work in science, IT or computer science?
- Does their work help advance scientific knowledge?
- Do they use scientific methods in their work?
- Do they have other business and professional skills?



## Criteria for the award of CSci include demonstration of :

- Use of the **scientific method** to apply appropriate subject knowledge
- Use theoretical and practical methods to analyse and solve problems
- Communicate effectively
- Exercise self-direction and **originality** in solving problems
- Evidence of operating at the **professional level** for at least two years
- Plan and organise projects effectively and work effectively in a team
- Use effective influencing, negotiating and **business skills**
- Continue to advance their knowledge, with a **commitment to CPD**
- Demonstrate an commitment to Health & Safety and environmental issues

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## Chartered Scientist , CSci – not via BCS

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- Relevant **Masters degree** or
- “**Equivalence Report**” option (proving evidence of equivalent knowledge and applied through work experience)
- Normally no interview
- **CSci - Chartered Scientist** - 4-5 years experience, leading team
  - **RSci - Registered Scientist** - 2-3 years experience, member of a team
  - **RSciTech - Registered Science Technician** - 1 years experience, possibly with A level or equi
  - **CSciTeach - Registered Science Teacher** /
- You need to be a scientist or computer scientist;  
<https://sciencecouncil.org/scientists-science-technicians/which-professional-award-is-right-for-me/csci/>

## Chartered Scientist – not via BCS

- Evidence of annual Continuous Professional Development needed,
  - Aims and plan for PPD over the next 12 months
  - Professional biography (a mini CV)
  - Activities undertaken (>2 of the 5 types)

1	Work based (e.g. acquiring new skills, refining existing skills, devising/delivering training programmes, writing articles/papers, reflective practice)
2	Professional activity (e.g. involvement in a professional body, mentoring)
3	Formal / Educational (e.g. attending conferences, obtaining qualifications)
4	Self-directed learning (e.g. reading journals, reviewing books / articles, researching topics)
5	Other (e.g. voluntary work, public service, non-work-related studies)



# Fellowship of the BCS

*Note that Fellowship by itself is not chartered status*

# BCS Fellowship Criteria

FBCS

Interview

SFIA 6-7

Eminence

Authority

SFIA 7

Seniority

# FBCS Criteria – Eminence, Authority, Seniority

## Experience

To achieve BCS Fellowship you'll be a leader in IT, recognised for your eminence, authority or seniority in your field.

## Eminence: **you're an expert in your IT field**

You're likely to have a substantial record of **published work and public speaking**, and have made a significant contribution to **advancing the knowledge and understanding** of your discipline.

**Authority:**  
you're recognised for your knowledge and influence

**Seniority:**  
you've held a senior position in IT for several years

**CV** - covering your IT experience, detailing the positions you've held, **your key achievements**

# FBCS Criteria – Eminence, Authority, Seniority

## Experience

To achieve BCS Fellowship you'll be a leader in IT, recognised for your eminence, authority or seniority in your field.

**Eminence**  
: you're  
an expert  
in your IT  
field

**Authority: you're recognised for your  
knowledge and influence**

You might have **influence** in the areas of system and organisational development; or be **recognised** for developing a technique which is now widely used.

You could be involved in a **national or international standards committee, or professional body** like BCS, in a **technical or professional capacity**; or you hold a **senior technical position** in which you demonstrate significant influence.

**Seniority**  
: you've  
held a  
senior  
position  
in IT for  
several  
years

# FBCS Criteria – Eminence, Authority, Seniority

To achieve BCS Fellowship you'll be a leader in IT, recognised for your eminence, authority or seniority in your field.

**Eminence:**  
you're an expert in your IT field

**Authority:**  
you're recognised for your knowledge and influence

**Supporters** - who can comment on **your experience** to verify your application - *working at a similar level to you or higher*

**Seniority: you've held a senior position in IT for several years**

Do you manage a team of 50 or more people, at least 20 of whom are at Professional (MBCS) membership level or equivalent?

Or you might be a consultant in an organisation working for major clients; a senior lecturer teaching IT at degree level; or in an IT role in the civil service at principal or senior principal level or higher.

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## BCS Fellowship criteria

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- Are they working at SFIA level 7 ? For example,
  - do they have 50+ people reporting to them (Seniority)?

or

- Do they have international recognition in their field (Authority)?

or

- Are they a well-respected proponent of IT (e.g. BCS and other committees) (Eminence) ?

or do they have some combination of the above?

## BCS Life Membership - open to all grades – via MyBCS

- The life membership scheme is available to members of all grades, to convert your annual subscription payments to one single payment,

- Details via

**MyBCS at /life-membership/**

Age at application	FBCS	MBCS	AMBCS	Affiliate	Retired rate
50-54	£1,614	£1,159	£580	£287	£487
55-59	£1,156	£827	£414	£228	£345
60-64	£700	£508	£250	£228	£216
65-69	£461	£332	£228	£228	£216
70-74	£328	£234	£228	£228	£216
75+	£256	£227	£228	£228	£216

# Personal Development

The following qualities are the sorts of things we look for in people working in Information Technology:

- Technical skills
- Autonomy
- Professionalism

- Good communication
- Business awareness
- Influence

- Innovation

- Leadership
- Eminence



## New Year – New Grade - What next?

Look at **SFIApplus** for guidance towards the next level

- Raise this at next appraisal
- Update your cv**, also record **what YOU did** (not the team)
  - Technical and management/soft skill training
  - Presentations, Publications
  - Record of CPD, including webinars
  - Committee activities, including those not related to the BCS
  - Participation at activities, including those not related to the BCS
- Consider webinars on
  - **Monday 28 Feb** for **CITP and CoCC** (Certificate of Current Competance)
  - **Monday 21 March** for **CEng**

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- **SFIPlus v8** - **MyBCS**, then **Career Development**, then **Go to Browse SFIPlus**
  - **CITP**, then **Certificate of Current Competence (CoCC)**
  - **CEng** - [uk-spec-v12-web.pdf \(engc.org.uk\)](http://engc.org.uk)
  - **Eurling** - <https://www.feani.org/feani/eur-ing-title/who-can-and-how-apply-eur-ing-title>
  - **FBCS** - <https://www.bcs.org/membership-and-registrations/become-a-member/fellowship-criteria-checklist/>
  - **CSci** - <https://sciencecouncil.org/scientists-science-technicians/which-professional-award-is-right-for-me/csci/>
  - **BCS Life Membership** - MyBCS then **/life-membership/**
  - **Monday 28 Feb for CITP and CoCC** (Certificate of Current Competence)
  - **Monday 21 March for CEng** details of both at <https://www.bcs.org/membership-and-registrations/member-communities/hampshire-branch/>
  - **Margaret.ross@bcs.org.uk**