


Obtaining Chartered Status in the Chartered Institute for IT

Keith Taylor

About me

- I worked for IBM most of my life as a designer, technical specialist, and product planner
- I am a CITP, Chartered Engineer, and a Fellow of the BCS
- I have now retired from IBM, but do voluntary work for the BCS both assessing membership applications and also excellence awards
- I am also on the Hampshire Branch committee



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

- Membership level
MBCS
- Chartered level
CITP
I. Eng. C. Eng.
C. Sci
- Fellowship level
FBCS



SFIA= Skills Framework for the Information Age

MBCS Criteria

MBCS



SFIA= Skills Framework for the Information Age

What is SFIA ?

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

IET – Institute of Engineering and Technology

IMIS – Institute for the Management of Information Systems

*it*SMF UK – IT Service Management Forum

SFI*Aplus* version 5

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

SFI*Aplus* v5 is latest version of the BCS's extended version of SFIA

It can be accessed by signed-on BCS members via the web at www.bcs.org.uk

It now defines 96 Skills...

broken down into 344 tasks

at 7 levels

The IT Profession – Skills for the Information Age

Skills Framework for the Information Age version 4.0



		1 Follow	2 Assist	3 Apply	4 Create	5 Innovate, advise	6 Facilitate, influence	7 Set strategy, inspire, mobilise
Strategy and architecture	Information strategy			Information security S17	Information analysis I1601	Information systems co-ordination I1602	Information systems co-ordination I1603	Information systems co-ordination I1604
	Advice and guidance		Information control policies I1605	Research S101	Consultancy C116	Technical specialisms T1601	Business process improvement S1601	Business process improvement S1602
	Technical strategy and planning			Research S102	Consultancy C117	Business process improvement S1603	Business process improvement S1604	Business process improvement S1605
Business change	Business change implementation			Business analysis B101	Project management P101	Portfolio management P102	Portfolio management P103	Portfolio management P104
	Business change management			Business analysis B102	Project management P102	Portfolio management P104	Portfolio management P105	Portfolio management P106
Solution development and implementation	System development		System analysis S101	System analysis S102	System analysis S103	System analysis S104	System analysis S105	System analysis S106
	System development		System analysis S103	System analysis S104	System analysis S105	System analysis S106	System analysis S107	System analysis S108
	System development		System analysis S104	System analysis S105	System analysis S106	System analysis S107	System analysis S108	System analysis S109
System factors	System factors		System factors S101	System factors S102	System factors S103	System factors S104	System factors S105	System factors S106
	System factors		System factors S102	System factors S103	System factors S104	System factors S105	System factors S106	System factors S107
	System factors		System factors S103	System factors S104	System factors S105	System factors S106	System factors S107	System factors S108
Service management	Service strategy		Service strategy S101	Service strategy S102	Service strategy S103	Service strategy S104	Service strategy S105	Service strategy S106
	Service design		Service design S101	Service design S102	Service design S103	Service design S104	Service design S105	Service design S106
	Service transition		Service transition S101	Service transition S102	Service transition S103	Service transition S104	Service transition S105	Service transition S106
Operational and support	Operational and support		Operational and support S101	Operational and support S102	Operational and support S103	Operational and support S104	Operational and support S105	Operational and support S106
	Operational and support		Operational and support S102	Operational and support S103	Operational and support S104	Operational and support S105	Operational and support S106	Operational and support S107
	Operational and support		Operational and support S103	Operational and support S104	Operational and support S105	Operational and support S106	Operational and support S107	Operational and support S108
Procurement and management support	Supply management		Supply management S101	Supply management S102	Supply management S103	Supply management S104	Supply management S105	Supply management S106
	Quality management		Quality management S101	Quality management S102	Quality management S103	Quality management S104	Quality management S105	Quality management S106
	Resource management		Resource management S101	Resource management S102	Resource management S103	Resource management S104	Resource management S105	Resource management S106
Learning and development	Learning and development		Learning and development S101	Learning and development S102	Learning and development S103	Learning and development S104	Learning and development S105	Learning and development S106
	Learning and development		Learning and development S102	Learning and development S103	Learning and development S104	Learning and development S105	Learning and development S106	Learning and development S107
Cloud services	Cloud services		Cloud services S101	Cloud services S102	Cloud services S103	Cloud services S104	Cloud services S105	Cloud services S106
	Cloud services		Cloud services S102	Cloud services S103	Cloud services S104	Cloud services S105	Cloud services S106	Cloud services S107

The IT Profession – Skills for the Information Age

CITP Specialisms

- Strategy and architecture
- Business change
- Solution development and implementation
- Service management
- Procurement and management support
- Client Interface

Category/Subcategory	Skill	Code	1	2	3	4	5	6	7	
Information strategy	IT governance	GOVN								
	Information management	INFO								
	Advice and guidance	Information systems specialisation	ISCS							
		Information assurance	ISCT							
		Information analysis	INAN							
		Information content publishing	ICPN							
		Consultancy	CHSL	1	2	3	4	5	6	7
	Business strategy and planning	Technical specialism	TECH							
		Research	RSCH							
		Innovation	INOV							
		Business process improvement	BPIE							
		Enterprise and business architecture development	EBAD							
	Technical strategy and planning	Business risk management	BRM							
		Sustainability strategy	SUST							
		Business continuity planning	BCTP							
		Continuity management	CONT							
		Serviceability management	SMTM							
		Sustainability management for IT	SMTI							
		Network planning	NETP							
		Solution architecture	ARCA							
Data management		DATM								
Methods and tools		METL								
Business change	Portfolio management	FCMG								
	Project management	PRMG								
	Portfolio, programme and project support	PPPS								
	Business analysis	BUAN	2	3	4	5	6	7		
	Requirements definition and management	REQM								
	Business process testing	BPTS								
	Change implementation planning and management	CIPM								
	Organisation design and implementation	OROI								
	Benefits management	BEPM								
	Business modelling	BSMD	2	3	4	5	6	7		
Relationship management	Stakeholder relationship management	SRM								
	Learning and development management	RLMT								
	Learning and development assessment	ETMG								
	Learning design and development	LEDA								
	Learning and subject formation	LESA								
	Teaching and subject formation	TEAC								
	Research	RESC								
	Professional development	PROD								
	Solution development and implementation	Systems development management	DLMG							
		Data analysis	DTAN	2	3	4	5	6	7	
Systems design		DESN	2	3	4	5	6	7		
Network design		NTDS	2	3	4	5	6	7		
Programming/software development		PROG	2	3	4	5	6	7		
Application development		APDE	2	3	4	5	6	7		
Safety engineering		SFEN	2	3	4	5	6	7		
Sustainability engineering		SLEN	2	3	4	5	6	7		
Information content authoring		INCA	1	2	3	4	5	6		
Testing		TEST	1	2	3	4	5	6		
Human factors	User experience analysis	UPAN								
	Ergonomic design	HEVD								
	User experience evaluation	USEV								
	Human factors integration	HFIN	2	3	4	5	6	7		
	Systems integration	SINT	2	3	4	5	6	7		
Installation and integration	Portable software integration	PORT								
	Systems installation/decommissioning	HSIN	1	2	3	4	5	6		
	IT management	ITMG								
Service strategy	Financial management for IT	FMIT								
	Capacity management	CFMG								
	Availability management	AVMT								
	Service level management	SLMD	2	3	4	5	6	7		
	Service acceptance	SEAC								
Service design	Configuration management	CFMG								
	Asset management	ASMG								
	Change management	CHMG	2	3	4	5	6	7		
	Release and deployment	RELM								
	System software	SYSP								
Service operation	Security administration	SCAD								
	Radio frequency engineering	RFEN	2	3	4	5	6	7		
	Application support	ASUP								
	IT Operations	ITOP	1	2	3	4	5	6		
	Database administration	DBAD								
	Storage management	STMG								
	Network support	NETS	2	3	4	5	6	7		
	Problem management	PRMG								
	Service desk and incident management	USUP	1	2	3	4	5	6		
	IT estate management	DCMA								
Procurement & management support	Procurement	PROC								
	Supplier relationship management	SURE								
	Contract management	ITCM								
	Quality management	QUMG								
	Quality assurance	QUAS								
Quality and conformance	Quality standards	QUST								
	Conformance review	CORE	2	3	4	5	6	7		
	Safety assessment	SFAS								
	Technology audit	TAUD								
	Client interface	Marketing	MKTG							
Selling		SALE								
Account management		ACMG								
Sales support		SSUP	1	2	3	4	5	6		
Client services management		CSMG								

96 skills

7 levels

Business Change Specialism

Business change		Code	1	2	3	4	5	6	7
Business change implementation	Portfolio management	POMG					5	6	7
	Programme management	PGMG						6	7
	Project management	PRMG				4	5	6	7
	Portfolio, programme and project support	PROF		2	3	4	5		
Business change management	Business analysis	BUAN			3	4	5	6	
	Requirements definition and management	REQM		2	3	4	5	6	
	Business process testing	BPTS				4	5	6	
	Change implementation planning and management	CIPM					5	6	
	Organisation design and implementation	ORDI					5	6	
	Benefits management	BENM					5	6	
	Business modelling	BSMO		2	3	4	5	6	
	Sustainability assessment	SUAS				4	5	6	
Relationship management	Stakeholder relationship management	RLMT				4	5	6	7
Skill management	Learning and development management	ETMG			3	4	5	6	7
	Learning and development assessment	LEDA			3	4	5	6	
	Learning design and development	TMCR				4	5		
	Learning delivery	ETDL			3	4	5		
	Teaching and subject formation	TEAC					5	6	
	Resourcing	RESC					5	6	
	Professional development	PDSV				4	5	6	

SFI*Aplus* skill codes

SFI*Aplus* defines 96 skill codes divided into ...

19 sub-categories and

6 categories (which are the CITP specialisms)

Skills do not normally span all levels 1-7

Only one (IT operator) does not include level 5

These skill codes should include all those working in IT

SFI*Aplus* levels

SFI*Aplus* 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 to be working at level 5 or above

Level 4 competencies

Autonomy

Works under general direction within a clear framework of accountability. Exercises substantial personal responsibility and autonomy. Plans own work to meet given objectives and processes.

Influence

Influences team and specialist peers internally. Influences customers at account level and suppliers. Has some responsibility for the work of others and for the allocation of resources. Participates in external activities related to own specialism. Makes decisions which influence the success of projects and team objectives.

Complexity

Performs a broad range of complex technical or professional work activities, in a variety of contexts. Investigates, defines and resolves complex problems.

Business Skills

Selects appropriately from applicable standards, methods, tools and applications. Demonstrates an analytical and systematic approach to problem solving. Communicates fluently orally and in writing, and can present complex technical information to both technical and non-technical audiences. Facilitates collaboration between stakeholders who share common objectives. Plans, schedules and monitors work to meet time and quality targets and in accordance with relevant legislation and procedures. Rapidly absorbs new technical information and applies it effectively. Has a good appreciation of the wider field of information systems, their use in relevant employment areas and how they relate to the business activities of the employer or client. Maintains an awareness of developing technologies and their application and takes some responsibility for personal development.

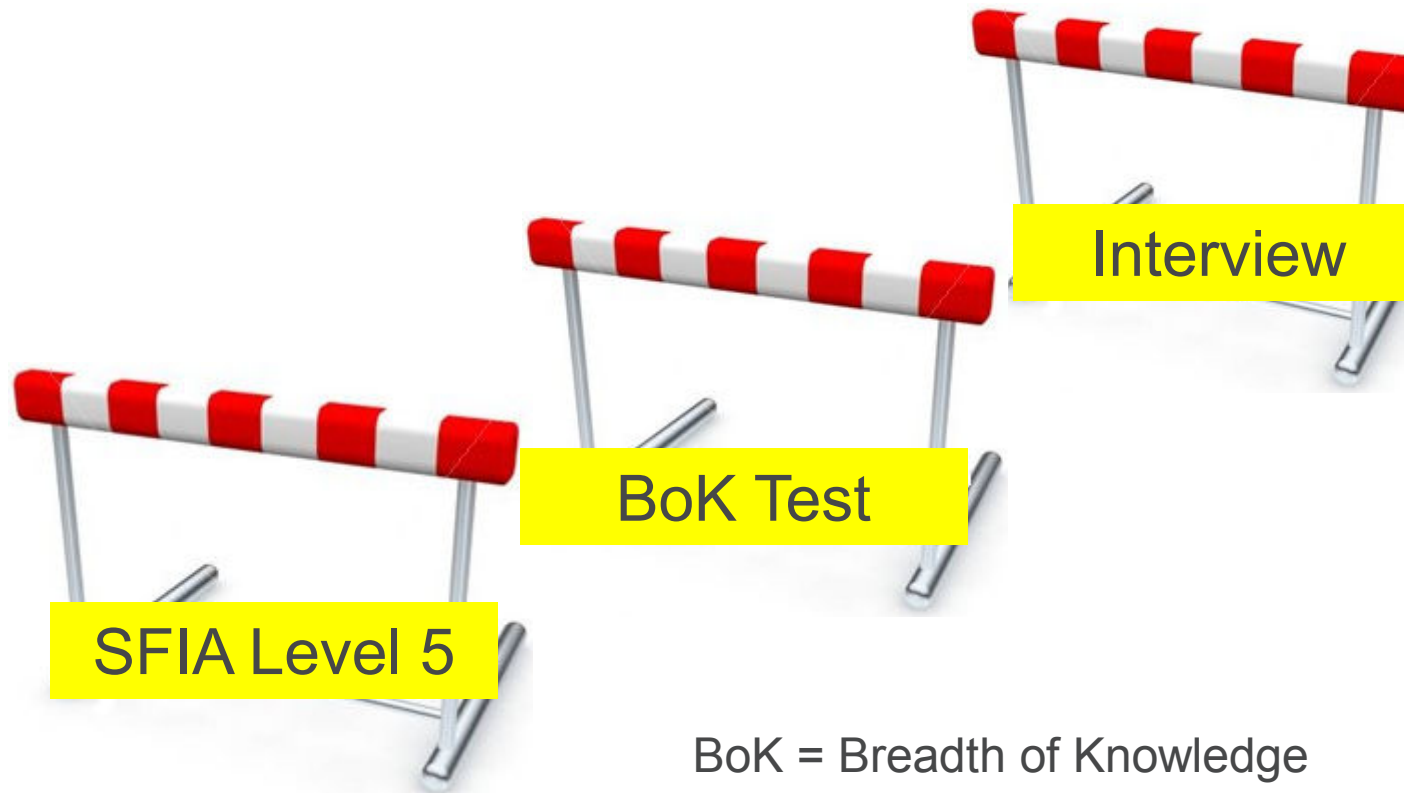
Screen shot from on-line system



Chartered IT Professional (CITP)

CITP Criteria

CITP



Application requirements



- 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 who can validate your application

CV hints and tips



- Be positive about your qualities, but have suitable evidence
- State details of job responsibilities for at least the last 5 years
- 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

Chartered IT Professional – 3 stages

- Education and Experience Review (via CV), looking for:
*A period of experience working in IT including recent experience at **SFI Aplus Level 5 or above***
 - Breadth of Knowledge Test
A 75-question multiple choice test on IT and its application
 - Specialist Competence Interview
A peer review interview with two assessors
- CITP is awarded for 5 years before renewal is required***

Stage 1 - Initial Assessment



Stage 1 criteria

- Working for 3 out of the last 5 years at SFI Aplus level 5 in a *challenging role*

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

Level 5 competencies

Autonomy

Works under broad direction. Work is often self-initiated. Is fully accountable for meeting allocated technical and/or project/supervisory objectives. Establishes milestones and has a significant role in the delegation of responsibilities.

Influence

Influences organisation, customers, suppliers, partners and peers on the contribution of own specialism. Builds appropriate and effective business relationships. Makes decisions which impact the success of assigned projects i.e. results, deadlines and budget. Has significant influence over the allocation and management of resources appropriate to given assignments.

Complexity

Performs an extensive range and variety of complex technical and/or professional work activities. Undertakes work which requires the application of fundamental principles in a wide and often unpredictable range of contexts. Understands the relationship between own specialism and wider customer/organisational requirements.

Business Skills

Advises on the available standards, methods, tools and applications relevant to own specialism and can make appropriate choices from alternatives. Analyses, designs, plans, executes and evaluates work to time, cost and quality targets. Assesses and evaluates risk. Communicates effectively, both formally and informally. Demonstrates leadership. Facilitates collaboration between stakeholders who have diverse objectives. Understands the relevance of own area of responsibility/specialism to the employing organisation. Takes customer requirements into account when making proposals. Takes initiative to keep skills up to date. Mentors colleagues. Maintains an awareness of developments in the industry. Analyses requirements and advises on scope and options for continuous operational improvement. Demonstrates creativity and innovation in applying solutions for the benefit of the customer/stakeholder. Takes account of relevant legislation.

Screen shot from on-line system

SFI*Aplus* level 5

Ensure, advise

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

Influence

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

SFI Aplus level 5

Ensure, advise

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

SFI Aplus level 5

Ensure, advise

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

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

Breadth of Knowledge test

- The second stage involves a formal testing of core knowledge across the breadth of IT. The test comprises 75 multiple choice questions which cover a broad range of sectors and topics in 5 categories.
- You must achieve a pass mark (8) in each of the individual categories, as well as an overall pass of 50 or more.
- If you do not pass at your first attempt, one re-sit will be allowed within a six month period without additional payment
- The details of the syllabus are available from the BCS web site

CITP specialisms

Strategy and Architecture

People who define technical direction and standards

Business Change

People who manage, teach, and understand business needs

Solution, Development and Implementation

People who develop new systems and products

Service Management

People who keep things working

Procurement and management support

People who support and check IT functions

Client interface

People who sell products and manage accounts

Stage 3 Interview



- You will be expected to provide a short presentation and speak for about 10 minutes, using examples from work for which you have been personally responsible, to demonstrate your professional competence in your area of IT specialism.
- The interview is by 2 assessors, at least one of whom will have knowledge and experience of your specialism. The presentation and interview will last no longer than 45 minutes, and will be carried out on-line using conferencing software and secure document portals.
- During the interview you need to provide specific evidence relating to *SFI Aplus* level 5 competencies in relation to your competence in your declared specialism

Procurement and Management Support Specialism

Procurement & management support		Code	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>
Supply management	<u>Procurement</u>	PROC				4	5	6	7
	<u>Supplier relationship management</u>	SURE		2	3	4	5	6	7
	<u>Contract management</u>	ITCM				4	5	6	
Quality and conformance	<u>Quality management</u>	QUMG					5	6	7
	<u>Quality assurance</u>	QUAS			3	4	5	6	
	<u>Quality standards</u>	QUST		2	3	4	5		
	<u>Conformance review</u>	CORE			3	4	5	6	
	<u>Safety assessment</u>	SFAS					5	6	
	<u>Technology audit</u>	TAUD				4	5	6	7

CITP Summary



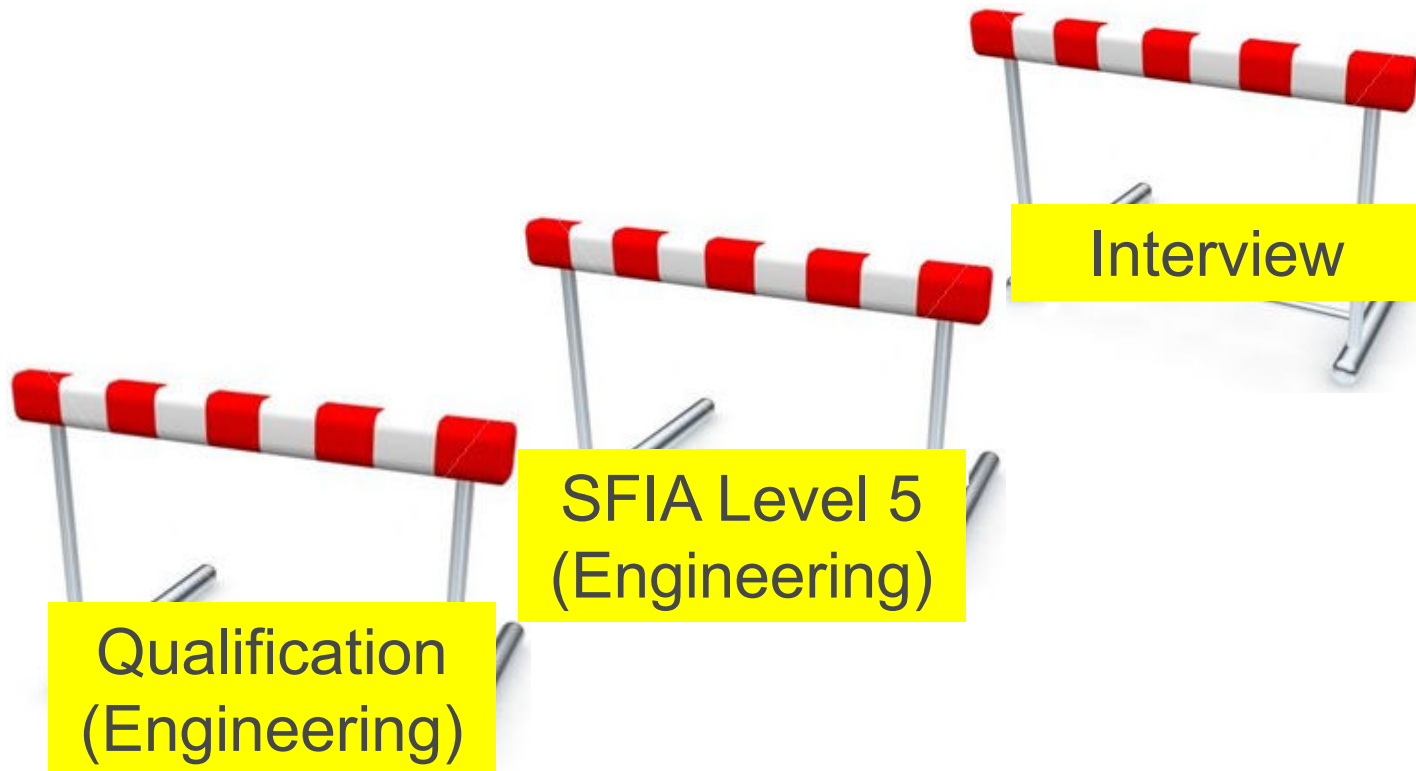
- Applicant working at *SFI Aplus* Level 5 or above?
- Autonomy, influence and business skills?
- Breadth of IT knowledge test passed?
- Specialist IT technical knowledge?
- Have they used all these in their challenging job (together with professionalism) for 3 years (out of last 5)?



Engineering Council and Science Council

Engineering Council Criteria

C.Eng, I. Eng



Engineering Council

- Has applicant got academic qualifications[†] 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?

* *There is no a specified period for this, unlike CITP*

† *Applicants can also submit a suitable technical report or apply for exemption by an individual academic review or on their experience*

Solution Development & Implementation

Solution development and implementation		Code	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>
Systems development	Systems development management	DLMG					<u>5</u>	<u>6</u>	<u>7</u>
	Data analysis	DTAN		<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>		
	System design	DESN		<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
	Network design	NTDS					<u>5</u>	<u>6</u>	
	Database/repository design	DBDS		<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
	Programming/software development	PROG		<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>		
	Animation development	ADEV			<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
	Safety engineering	SFEN			<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
	Sustainability engineering	SUEN				<u>4</u>	<u>5</u>	<u>6</u>	
	Information content authoring	INCA	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
	Testing	TEST	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
	Human factors	User experience analysis	UMAN			<u>3</u>	<u>4</u>	<u>5</u>	
Ergonomic design		HCEV			<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
User experience evaluation		USEV		<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>		
Human factors integration		HFIN					<u>5</u>	<u>6</u>	<u>7</u>
Installation and integration	Systems integration	SINT		<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
	Porting/software integration	PORT			<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	
	Systems installation/decommissioning	HSIN	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>		

I.Eng and C.Eng differences

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

<http://www.engc.org.uk/ecukdocuments/internet/document%20library/UK-SPEC.pdf>

PRI Interview



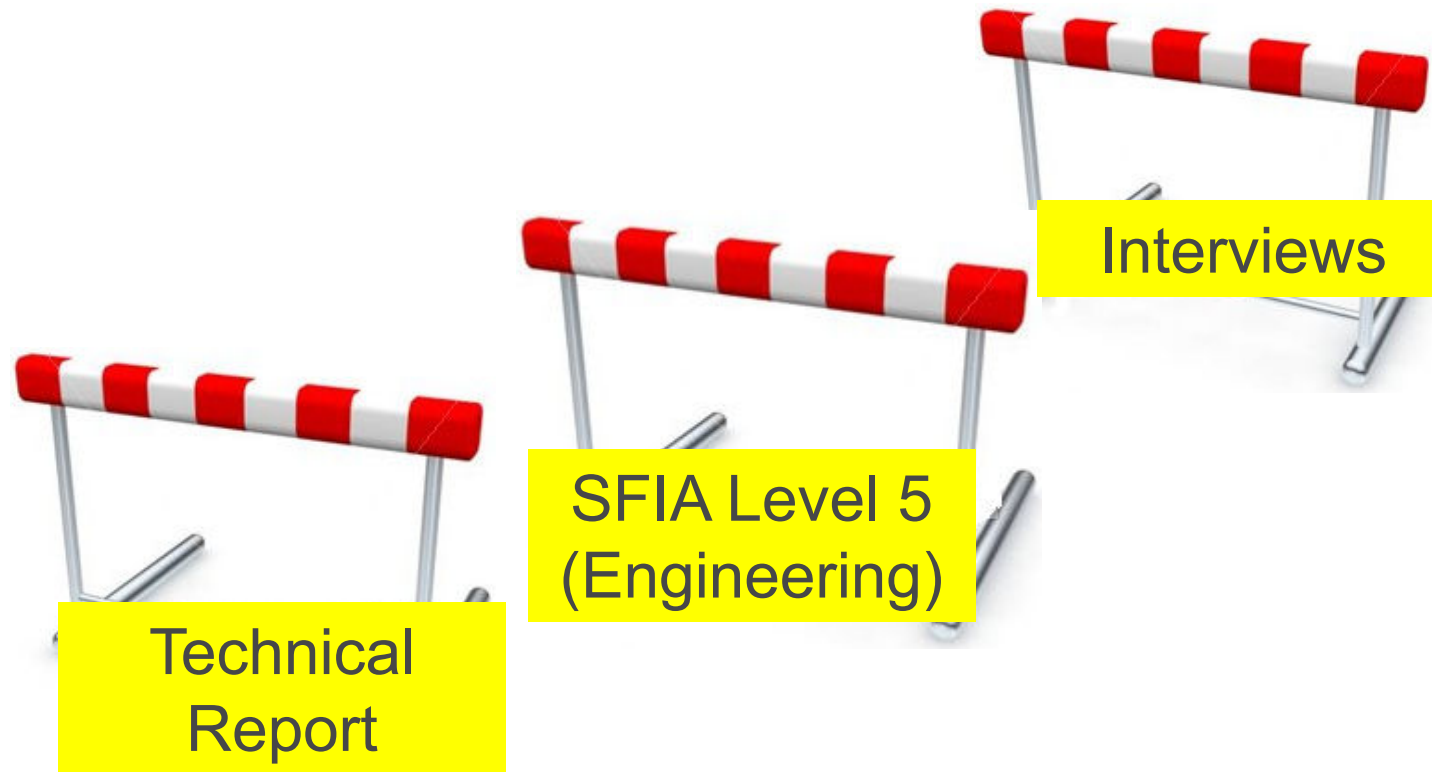
- The interview is by 2 assessors and lasts 45 to 60 minutes. It will normally be carried out on-line using conferencing software and secure document portals but can be face-to-face on request.
- During the interview you need to provide specific evidence relating to the competencies defined by the Engineering 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 unqualified applicants

C.Eng, I. Eng



IEng/CEng Technical report process

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)

Career-based assessment instead of Technical Reports

The Engineering Council suggested in 2011 that all awarding institutions consider this route because:

- **Senior engineers who are clearly C Eng material may not have time to write a technical report in the correct format.**
- **Individual Academic review route is expensive and time-consuming**
- **Overseas candidates with good but non-accredited degrees are being penalised because their degrees are not accredited**

Career-based assessment is now available!

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

IEng/CEng Career-based assessment ("Experiential route" - questions - 1)

All questions have a score of 0 (no evidence) to 3 (excellent)

- Applicant's formal academic qualifications and post-nominals
 - (Degrees, CITP, etc.)
- Applicant's professional certificates and affiliations
 - (e.g. Microsoft, Cisco etc. certificates)
- Applicant's other technical training and CPD
 - (e.g. in-house training at work)
- Applying fundamental principles in their work[†] (Job Complexity):
 - *Related to SFIA job codes and level*

[†] *Low scores on these questions could indicate that the applicant will fail the PRI*

IEng/CEng Career-based assessment (“Experiential route” - 2)

- Length of technical experience with some budget or project responsibility †
 - (Guideline: 5 years scores 2)
- Evidence of using technical skills to guide or direct the work of others †

- Other evidence of technical skill
 - (Conference papers, presentations, patents, etc.)
- Other evidence of initiative and academic ability
 - (Interests outside of work, general academic history)

Guideline pass 13-15 for C Eng. 11-13 for I Eng.

† *Low scores on these questions could indicate that the applicant will fail the PRI*

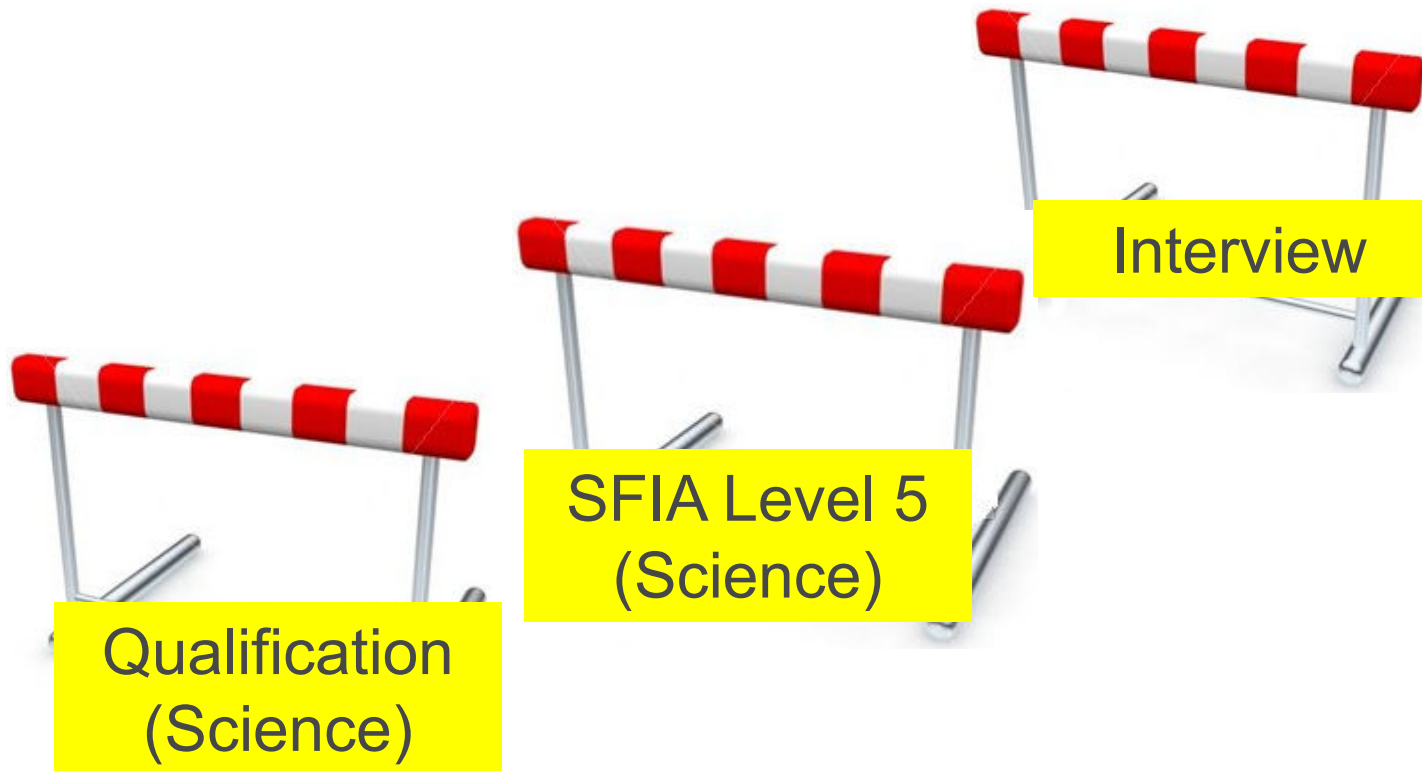
European Engineer (Eur Ing,)



- 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 prerequisite requirement for an application for the Eur Ing title
- Some foreign European language skills are desirable but not mandatory at present

Science Council Criteria

C.Sci.



Chartered Scientist



- Accredited honours degree and masters degree or take technical report option (experiential route just approved)
- You need to be a scientist or computer scientist; read the Science Council web pages on :

<http://www.charteredscientist.org/about-csci>

Scientists typically investigate hypotheses using experiments

Engineers typically design products or services

Chartered Scientist check list

- Has applicant got academic qualifications[†] accredited for SC registration?
 - Are they working at SFIA level 5 or above?
 - Do they work in science (and 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?
- † Applicants could also submit a suitable technical report or thesis, or use the experiential route*

Criteria for the award of CSci include demonstration of

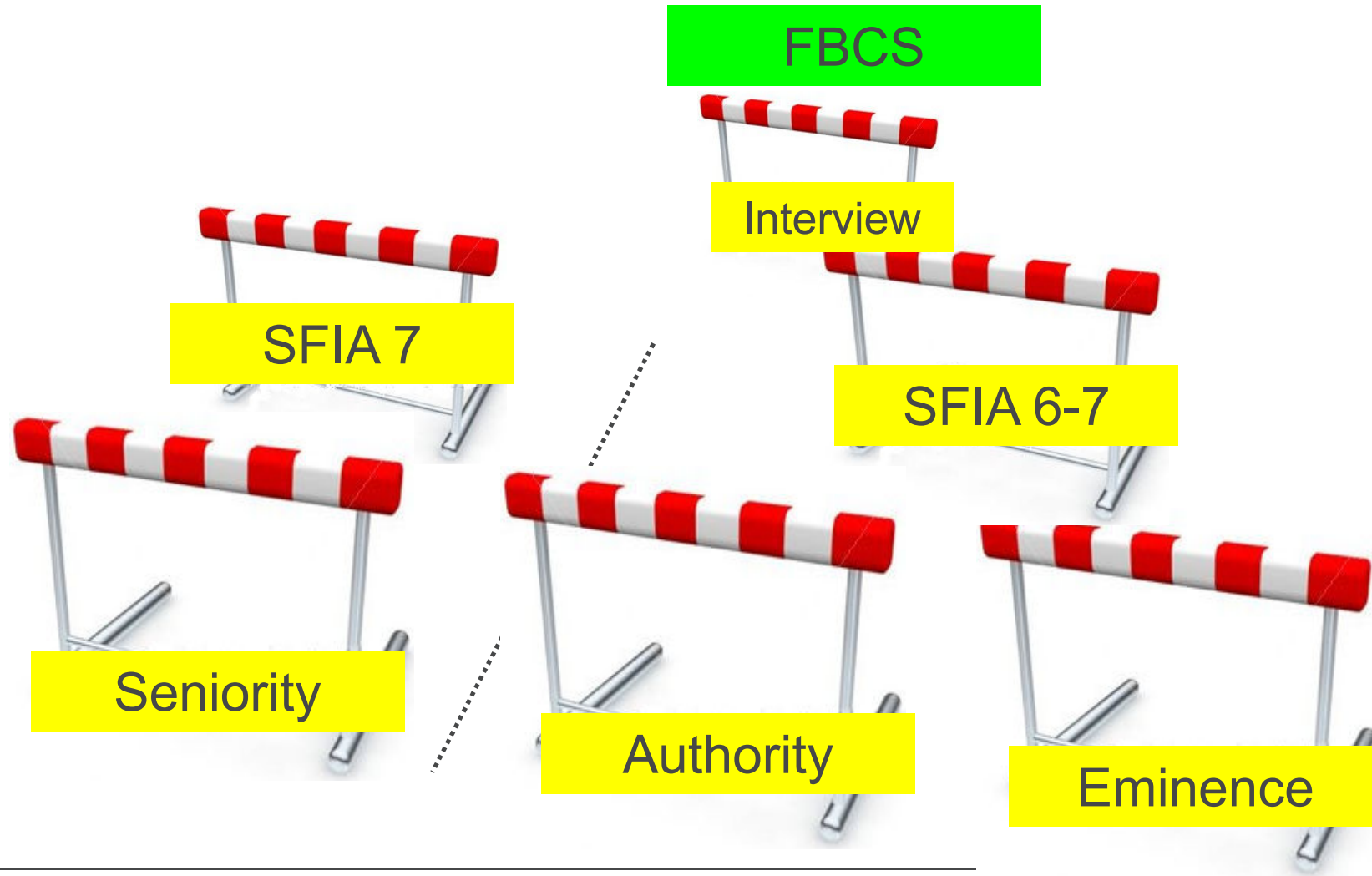
- Use of the **scientific method** to apply appropriate subject knowledge
- Use theoretical and practical methods to analyse and solve problems
- Communicate effectively
- Exercise self-direction and **originality** in solving problems
- Evidence of operating at the **professional level** for at least 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



Fellowship

Note that Fellowship by itself is not chartered status

Fellowship Criteria



Fellowship criteria

- 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?

Karen Burt Award

- Awarded only to women resident in the UK
- Must be newly chartered and doing exceptional work in the field of engineering

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

- Membership level
MBCS
- Chartered level
CITP
I. Eng. C. Eng.
C. Sci
- Fellowship level
FBCS



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- Levels of Membership
- Member Groups
- Group Membership (Employers)
- Become Chartered**
- Chartered IT Professional (CITP)
- Chartered Engineer (CEng)
- Incorporated Engineer (IEng)
- Chartered Scientist (CSci)
- Choosing the right registration

Become Chartered



Employers, recruiters and clients are actively searching for something extra from their candidates: a mark of integrity and dedication to the industry. Chartered status is proof that you are one of the best in the business.

Chartered Registrations:

- ▶ [Chartered IT Professional \(CITP\)](#)
- ▶ [Chartered Engineer \(CEng\)](#)
- ▶ [Chartered Scientist \(CSci\)](#)

Quote

'In the eyes of a client, either internal or external, Chartered status translates to a safer pair of hands and delivers confidence.' Dan Simms FBCS CITP

Feature

[BCS Internet Register of Members](#)
Browse our register of Chartered Members and Fellows.