The University of York

Department of Computer Science

Institution of Engineering and Technology

Student Membership

Ian Benest

Placement Briefing
RCH 037

13 March 2015 - addendum 31 March

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Institution of Engineering and Technology (IET)

Student Membership

Ian Benest CEng MIET

The Offer

The Department offers to pay your IET student subscription for as long as you are an undergraduate student in the Department.

That is, until you graduate.

When you have graduated, you have to decide whether to continue being a member of the IET.

If you continue, and you pay the subscription each year, you can put MIET after your name.

For 2015, the subscription was £144.
The Process

If you wish to join the IET then you must:

– complete the application form;
– hand it in at reception by 4 May 2015.

Then

When you have qualified for entry into the 2nd year, your application will be sent to the IET and you should hear from them by November 2015. The Department pays.

Why?

Everyone who is intent on a career in computing should consider being a member of a professional organisation with a view to obtaining professional recognition (i.e. Chartered or Incorporated Engineer).

The IET is licensed by the engineering profession’s regulatory body (the Engineering Council) to give that professional recognition.

[So is the British Computer Society (BCS).]
EC–IET Professional Recognition (Part I)

All of our single-subject undergraduate programmes are accredited; joint degrees are not.

If you obtain a 2ii or higher in an accredited degree programme and you pass the project report first time, then that is sufficient proof that you have the necessary educational qualifications for:

- MEng with or without sandwich placement → CEng
- BEng/BSc with or without sandwich placement → IEng
- BEng/BSc with (say) an accredited advanced MSc → CEng

These are not the only routes to CEng/IEng.

EC–IET Professional Recognition (Part II)

Record your experiences and competences. Keep all organograms. Appreciate what is required to prove your competence and commitment to the profession.

The professional standard is set out in a document called UK–SPEC.

Five years or so after graduation, consider going for CEng/IEng. Quite a lot of work, made easier if you have kept your career records up-to-date. CareerManager?

If your documentation looks good, you will be called for interview. If the interviewing panel likes you, they will recommend you pass; if not, IET will give you advice.

No accredited degree? Contact the IET for advice.
Are there rivals?

British Computer Society (BCS) – provides a route to professional recognition. Smaller membership, younger organisation.

The Institute of Electrical and Electronics Engineers (IEEE) – no route to CEng/IEng. Huge (and wonderful) set of journals. The US equivalent to the IET. Many more members than the IET.

The Association for Computing Machinery (ACM), the US equivalent to the BCS. No route to CEng/IEng.

Think IET/BCS first, then ACM/IEEE second.

Wot's in it for me?

Professional home – you may change jobs, change companies, but the IET remains.

Career mentoring available.

Large paper-based technical library in London.

Local evening lectures: meet your local network.

Centres in London, Glasgow, Birmingham; Offices in Beijing, Hong Kong, Bangalore, New Jersey.

Opportunities to contribute to the profession: standards committees, conferences, evening lectures.

Scholarships (£1M+), IETConnect – legal, redundancy.
Documents

Professional Organisations
Codes of Conduct – ACM, IEEE, IET
Engineering Registration (UK–SPEC)
Career Development – Personal Attitudes
Personal Development Record
Application form

http://www-users.cs.york.ac.uk/~idb/iet.html

Thanks for listening....

....any questions?

ian.benest@york.ac.uk  CSE/029  Ext 5671