Agenda for the meeting of the Membership and Qualifications Committee to be held at 10.00am on Thursday 10th December 2009 at IHIE 58 Russell Square, London, WC1B 4HS

1. Attendance and Apologies for Absence

2. Minutes of the last meeting held on the 16th September 2009*

3. Matters Arising

QUALIFICATIONS

4. Joint Board Moderators
   4.1 To note the Minutes of the meeting held on the 30th October *
   4.2 To approve the recommendations relating to university courses *
   4.3 S Bennett to report on the Further Learning Committee
   4.4 To receive a report on the FL Conference 26th November 2009

5. New Reviewers for Engineering Council qualifications
   5.1 To approve the list of new Reviewers *
   5.2 To approve the Reviewers’ Recommendations for Engineering Council qualifications

MEMBERSHIP

6. 6.1 To consider the applications for election – summary attached *
   (Full paperwork available from Membership Manager from 9am)
   6.2 Reinstatements and Resignations *

7. Any other Business

8. Date of next meeting: 17th March 2009

“*” means paper attached
IHE Item 2  Minutes of the last meeting held on the 16th September 2009

INSTITUTE OF HIGHWAY ENGINEERS
Minutes of the Membership and Qualification Committee Meeting held on 16 September 2009 at IHE, 58 Russell Square, London, WC1B 4HS

1  Present:  S Spender (In the Chair)
            T Askew
            A Kirby
            T Alwyn Clarke
            C Ballantyne
            S Bennett
            P Cannings (EC Observer)
            P Dipper
            M Fowle (EC Observer)
            R Hayes
            J Hastie
            B Hindhaugh
            J Nightingale

Apologies:  M Ager
            E Gormley
            D Swatmann
            K Fuller

In Attendance:  M Maguire (Membership Manager)

MEMBERSHIP

2.  Welcome

The Chairman of the Membership and Qualifications, welcomed Peter Cannings, the new EC representative, and thanked Michael Fowle, the current EC liaison officer, for all his advice and guidance over the years.
The Chairman also thanked Michelle Maguire, who would be going on maternity leave shortly. The Chair advised the Committee that interviews for a short-term appointment were in hand. (Office Note: Becky Sharp has been appointed)

3.  Minutes

The Minutes of the meeting held on the 13th June 2009 were agreed as being a true and accurate record.

4.1  Matters Arising

The Committee was informed that the Royal Engineers were looking to register directly with the Engineering Council and therefore not interested in partnering.
The EC had set up a meeting for all forces. It was suggested that IHE take part in the ongoing liaison group.

Secretary

M&Q Committee
10 December 2009
4. **Engineering Council**

**QAC**

P Dipper reported that he no longer sits in on the QAC meeting.

Future Audit Panel chairmen will be QAC committee members.

**EAB**

S Bennett reported on the EAB meeting held on 15th September.

- Concerns were raised in the delay in accrediting courses as not all institutes were reporting back immediately.
- SB asked whether IHE should send a representative independent of JBM to accredit highways and transportation courses.
- SB was concerned that the JBM representative to EAB was always a Civils or Structure nominee.
- He reported that most universities would be incorporating a year in industry in order to comply with Bologna.
- EAB was considering a light touch visit to universities (one academic and one industrialist).
- Universities were fighting against being charged for accreditation visits. They would charge institutes for any advice given.
- Universities have advised moderators they will no longer be retaining student transcripts in response to the Data Protection Act.
- CEng accredited courses would now be automatically accepted for IEng accreditation.
- BEng degrees would now be appropriate for IEng.
- EAB would be waiving the requirement to visit to foreign franchised universities.

**EC Board Meeting**

The Board meeting held on the 8th September was reported by S Bennett:

- Foundation Degrees will be accredited but problems may arise if follow-on courses are not accredited.
- The further learning option should be utilised more, as well as TRR. J Nightingale made the point that a technical synopsis matched against the QAA standards often produced a better quality of applicant. He said the link to the QAA standards was on the institute’s website, but it should be made more explicit.
- It was reported that Germany are currently having problems with students not being well versed in maths and so would be pulling out of the Washington Accord and Bologna.
- Marketing papers had been sent and EC was looking to receive the responses.
- EC(UK) will to change their name back to EC from 2 November.
5. **JBM**

5.1 The Committee noted the Minutes of the JBM held on the 17th July 2009.

5.2 The following courses were recommended for accreditation:

**University of Bath**

CEng accreditation for 2009-10

BEng (Hons) Civil Engineering (3FT, 4)
MEng Civil Engineering (4FT 5 S)
MSc International Construction Management (DL 5 years)

**Liverpool John Moore’s University**

CEng accreditation for 2009-10

BEng (Hons) Civil Engineering (3FT, 4 S, 6 PT)
MSc Water, Energy, and the Environment (FT, 2/3 PT)

**Coventry University**

CEng accreditation for 2009

BEng (Hons) Structural Engineering with Architecture

**University of Derby**

FL for IEng

Diploma in Asphalt Technology

**Stow College**

FL for IEng

Graduate Diploma in Civil Engineering

5.3 **Further Learning**

S Bennett reported that the further learning meeting would be held on the 28th September.

6. **Professional Review**

**CEng Applications**

The Committee was informed that V Dhayal’s CEng application under the standard route was rejected before the interview. The Committee was informed that a concise report on his failings was given.
Appeals Procedure

The Chairman was unaware of the recent appeal before it was brought to his attention when at HQ. He recommended that the appeals guidance be changed so that the Chair of M&Q was notified that an appeal was in process. He also recommended another amendment be made when selecting the panel. It was agreed to change guidance to allow a Vice President of the Institute to act as a Panel Chair (if not on M&Q) and to ask him to seek advice as appropriate from Secretary or Membership Manager when selecting a panel rather than the secretariat appointing the Panel.

Reviewers Meeting

A Reviewers meeting was proposed for the 19th November. It was suggested that the Professional review changes, training, mentoring, video conferencing be discussed.

Application Lists

The Committee approved a total 3 Fellows IEng, 2 Fellows, 1 Members EngTech, 10 Members, 2 Associate Members, 5 Graduate Members and 5 Student Members.

Struck off

75 members were struck off for non payment of 2009 fees.

Julie Clark had contacted the original 160 people due to be struck off convinced them to retain their membership. M&Q committee thanked Julie for all the hard work she had done.

Clarification on online applications

On line transfers should require a signature if not using DD or a Credit Card. Proposers and seconders should be checked. Applications for the Road Safety Auditor Register should follow the same rules.
Appeal by L Streefkirk

The Committee noted the Appeal Panel decision that the Reviewers’ refusal be upheld. The Committee felt that L Streefkirk’s appeal should not have been allowed as he was appealing against the Reviewers’ assessment of engineering competence.

Video Conferencing Interviews

The Committee agreed that video conferencing interviews should be permissible for reviews providing all criteria had been met.

The Committee referred continuing discussion to the Reviewers’ meeting.

Reviewer Applications

Ten Reviewer applications had been received and were accepted -

Robin Totten, Kevin Hyde, Paul Bartley, Rachael Langfield, Sarah Ann Stoker, Richard Childs, Paul Finch, Julian Bartlett, Simon Strevens, and Rebecca Dickson.

8. AOB

RSA: Agreed that all RSA applications be ratified by the Chairman or full Committee before being published.

Neil Levett, publisher of Highways, had enquired about becoming a member of IHE. It was agreed to allow him to apply for the Member grade.

9. Next Meeting

The next meeting will be held on Thursday 10th December 2009 at IHE, 58 Russell Square, London, WC1B 4HS
IHE Item 4.1 To note the Minutes of the meeting held on the 30th October

PRIVATE AND CONFIDENTIAL TO BOARD MEMBERS

MINUTES

Meeting of the Joint Board of Moderators held at the Institution of Civil Engineers, One Great George Street on Friday, 30th October, 2009 at 10.15 am

Present:          Professor G Parke   Chairman
                     Professor B Clarke
                     Mr E Hewitt
                     Mr H MacIntyre
                     Mr G Bowring
                     Dr D Twigg
                     Ms F Wainwright
                     Professor N Smith
                     Mr L Gentry
                     Mr S Evans
                     Professor D Lloyd-Smith
                     Mr S Spender
                     Mr E McCann
                     Professor N Tyler
                     Professor T Ibell
                     Professor A Woodside
                     Dr D Reid
                     Mr M Dickson

Secretariat in Attendance:
                     Mr D Byrne   IStructE
                     Ms C Hearing  IStructE
                     Ms S Stevens   IHT
                     Ms E Ryan     ICE
                     Ms C Goan    ICE
                     Mr A Stanley  ICE

Apologies:        Professor C Bailey
                     Mr A Silver
                     Mr F Montgomery
                     Mr T Gurr
                     Professor R Plank
                     Professor K Virdi
                     Mr T Edmunds
                     Dr J Roberts
                     Professor P Hicks   ECUK Liaison Officer
                     Mr J Blackwell   IStructE
                     Mr A Brereton   IStructE
                     Ms J Walker    IHIE

M&Q Committee
10 December 2009
A Matters for Discussion

1. Apologies for Absence

Apologies were noted.

2. Welcome

3. Minutes and Matters Arising from 12th July

The Minutes and Matters Arising from the meeting held on 15th May, 2009 were considered by the Board and were agreed for accuracy. Under ‘Any Other Business’, the Chairman informed the Board that Professor Tyler and Peter Goodhew have agreed to make presentations on CDIO at the next JBM meeting in February 2010. Under the second item here, Mr Bowring noted that there was nothing to report regarding the modularisation of courses and any updates will be given at the next meeting. It was also noted that the conference with the RAEng will be an agenda item for the next meeting (Minute 10), and that the ICE have responded to Rita Donaghy’s paper on the ‘Underlying Causes of Construction Fatal Accidents’.

4. Reports from Sub-Committees

4.1 Further Learning Sub-Committee

Professor Clarke reported on the Further Learning Sub-Committee meeting held on the 28th September, which focussed on the outcome of the two monitoring meetings held that morning. These were for Jackson and Dawnus. Professor Clarke reminded the Board of the approval process for companies: following initial approval (for which two reviewers need to report on and put forward recommendations), a monitoring meeting is held approximately one year after the programme becomes active (which may be up to two years after the initial approval). Two reviewers and a secretary will attend, as well as a Supervising Engineer, Internal Verifier and candidates, and a report will be put forward to the Board. An audit visit will be made after five years or when the first candidate completes.

Professor Clarke also briefly reported on the audit visit to Kier (the report will be seen at the next Board meeting once approved at the December FL Sub-Committee meeting), which was held on the 27th October. There were several examples of good practice to pass on to other companies in this graduate-led programme. Once the graduates understood the process, they all think it is an excellent opportunity and is much improved from the old Matching Section guidance.

Dawnus were monitored by Mr Eric Hewitt and Mr Mike Wilding. Ms Ellen Ryan acted as Secretariat. This programme is a combination of Work-Based Learning and formal learning (delivered by a lecturer from Glamorgan University). All graduates must complete this programme as part of their employment. The reviewers were satisfied that the Learning Outcomes had been met and the Sub-Committee agreed recommendations. Mr Hewitt found this to be an excellent, company-led scheme, which, in the words of the company, is ‘training engineers for the future’.

There were two policy items which arose from the Dawnus meeting. The first was that better guidance on marking criteria is needed from the FL Sub-Committee. Professor Clarke has already started to address this and companies are putting forward some good examples. The second item was the suggestion that the Dawnus audit visit should coincide with the JBM.
accreditation visit to Swansea University and that a member of the Further Learning Sub-Committee should attend for half a day. The Secretariat will arrange this.

Although the Dawnus report recommends approval for 2009 – 2010, this should be until 2013, in line with the recommendations for Jackson (2009-2013).

Jackson were monitored by Professor Clarke and Mr Bob McKittrick. Ms Christina Goan acted as Secretariat. In this programme, graduates are selected according to their ability and commitment. The evidence is the portfolio developed by the candidate and signed off, by the SE and Internal Verifier, against the Learning Outcomes.

Mr Dickson observed that there appears to be little mention of transportation planning, water and waste management or recycling of materials. Professor Clarke replied that this is because candidates’ specialisms need to be aligned to the opportunities available in the company. However, the Board agreed that sustainable construction should be more easily identifiable in the submissions and this will be addressed in future submissions.

It was agreed that where answers in the Jackson report stated ‘not complete’, these would be expanded to explain why this is the case (such as, the graduate has not yet completed this Outcome).

**Outcome:** It is recommended that the Board extends approval for the Dawnus and Jackson Further Learning Programmes for intakes 2009 – 2013

**Action:** Membership Committees, FL Sub-Committee, Secretariat.

### 4.2 International Sub-Committee

The International Sub-Committee has not met since the last JBM Board meeting but Professor Smith reported on the Matters Arising paper and gave the following updates:

- There will be visits to the Malaysia and Dubai campuses next year.
- Fees have been cut by 50% at American universities.
- The British University Egypt will be asked to complete the accreditation questionnaire for consideration by the ICE. This additional information will enable the ICE to consider if they will be able to put together a business case that will enable an accreditation visit to proceed.
- There has still been no response from Professor Gagin of the Russian International Accreditation Board since the JBM asked for clarification on three points.

Professor Smith informed the Board that the visit to Malaysia will be taking place in 2010, not this year. A response was received on the morning of the JBM meeting from the RIAB (last meeting Minute 4.3 (e)) and feedback will be given on this at the next meeting.

### 4.3 Foundation Degree Working Group

Mr Hewitt reported on the third meeting of this Working Group, held on the 15th October. He is now in a position to write the first draft of the guidelines, which will be considered by the Higher Level Qualifications Panel before being seen by the Board in February. The guidelines will be put into effect during a visit to the University of the West of England, who offer a FD in Civil Engineering and in River and Coastal. This can then also be reported at the February Board meeting.

Mr Hewitt stated that any additional costs for accreditation will be low and therefore it will be unnecessary to charge. It may be unnecessary to have a Secretariat attend the visit and this would
also reduce costs. Mr Darren Byrne agreed to contact Graham Watts at CIC for to see if he can obtain a contribution towards the costs of these accreditation visits. It has also been proposed that JBM visits for FDs should take place at the same time as FDF visits in order to share accreditation expenses.

5. Accreditation Matters

5.1 New programmes and reports on responses to JBM recommendations

(i) University of East London

Professor Clarke reported on this submission for accreditation of an MSc in Structural Engineering. The submission was reviewed by Mr D Easterbrook and Professor R Lark. The questions the reviewers asked were: 1) Is the programme content at the correct level? 2) Is the subject matter appropriate? 3) Does the University have enough resources to deliver the programme? The reviewers were mostly satisfied that questions 2 and 3 could be answered positively, but there was some debate over whether the content was at ‘M’ level, especially as the Learning Outcomes were not clearly defined. Although the concerns raised are fundamental to accreditation, it was felt that as the University already has an accredited MSc run at the correct level, they will be familiar with the guidelines and requirements and so should be able to run this course at the same level ‘M’ standard. Also, there will be a review visit next year at which time these concerns can also be addressed. The Board debated whether this was the right course of action and decided that the recommendations should be made conditional and addressed before the next Board meeting.

Outcome: The Board agreed to recommend that the University should be informed of the mandatory recommendations and these should be addressed in a paper submission by the end of December so that these can be considered at the February Board meeting. If these are found to be acceptable, accreditation can be backdated for the 2009 intake and accredited for the 2010 intake, depending on the date of the review visit.

Action: Secretariat

(ii) Swansea University

Mr Frank Montgomery reported on this submission to review output from the MSc in Computational Mechanics. He and Ms Faith Wainwright were both impressed with all aspects of this two year MSc, especially as it contains more credits than necessary for a standard MSc.


Action: Membership Committees

(iii) University of Ulster

Dr David Reid reported on this paper submission for accreditation of an MEng in Civil Engineering with Diploma in Industrial Studies, an MEng in Civil Engineering and a BSc (Hons) in Civil Engineering (Technologies and Operations) reviewed by himself and Mr D Hoskins. The MEng with Industrial Studies is a five year programme with a year in industry. Much of the content is based on their MSc seen at the last JBM visit and Materials has been added in years four and five. This year will be the first intake and current BEng students with at least 60% can transfer to this course from the second year. It is possible to attain the MEng without the year in industry as there are enough credits but students would need some industrial experience to start the course. The currently accredited BSc will stop running in favour of this new course and this will use modules from the BEng (which was seen at the last visit and approved).

Outcome: The Board agreed to recommend accreditation for the intakes 2009 – 2010.
(iv) **Loughborough University**

Professor Clarke reported on this re-submission for accreditation of two distance-learning MScs in Water and Environmental Management and in Water and Waste Engineering, which was also reviewed by Mr Bob McKittrick. These were re-submitted because at the time of the last visit there was no policy on distance-learning MScs and the University was advised to re-submit them at a later date. Having reviewed the submission, several recommendations were made, such as, the use of VLEs, having a residential course and a maximum of 8 years for completion.

The Board noted that guidelines for distance-learning programmes will be written for the next Further Learning Sub-Committee meeting in December, based on EAB and QAA guidance.

**Outcome:** The Board agreed to recommend accreditation for the intakes 2006 – 2010.

**Action:** Professor Clarke, Membership Committees

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5.2 **Policy Items**

(i) **Professional Qualifications:**

Professor Parke informed the Board of the responses received from universities following the letter sent in July to Heads of Department. This was regarding the policy that 50% of academic staff should be professionally qualified with one of the four JBM member institutions by 2015. Generally the feedback has been positive and universities seem willing to work towards this aim. After some discussion, the following points were agreed:

a. Professionally qualified can include CEng, IEng, EngTech where appropriate, and also AMICE/MICE.

b. The JBM will provide a workshop to promote the various routes to membership for academics.

c. 50% membership will only apply to the four member institutions, in which case, membership of Engineers Ireland, CIWEM and other professional bodies such as RICS and IMechE will not be included in the 50%. Perhaps the University could be assessed on the proportion of courses offered that relate to the four institutions.

d. The 50% relates to the amount of full-time staff delivering JBM accredited courses.

e. If this aim is not met, this will not be a reason for de-accreditation but the University will be asked to demonstrate why this is the case and how they meet the required teaching standards. It is a firm target rather than an absolute.

f. This policy will be ongoing and will be reassessed in 2015 as a measure to help ensure teaching standards.

**Outcome:** Letters will be written to those universities who had direct queries or comments. An internal note will be written for Visit Teams to address this issue during visits.

**Action:** Secretariat

(ii) **Teaching of specialist MScs:**

The Board discussed the need to have staff professionally qualified/undertaking research in that subject area, especially for accrediting MScs. This issue initially arose following the JBM visit to the University of Surrey this year, where an MSc in Transport is taught by representatives from industry with professional qualifications in this subject area, however, they do not have research experience in this area. The Board debated how the JBM can ensure expertise in the relevant areas, especially when there are several MScs and lots of staff involved. The question was also raised of whether it would be acceptable for someone with research in Construction Management to teach a Civil Engineering course and it was agreed that this would depend on the content of the degree programme.
Outcome: Universities will be asked to provide a list of staff on a CD – this list will be more in depth than what is currently asked for in submissions and will include which courses and modules they teach and what research they undertake.

(iii) Recommendations:

The Board agreed that recommendations in visit reports should be split into ‘recommended’ and ‘required.’ It was felt that the word ‘mandatory’ sounded too harsh. If there are ‘required’ actions, a ‘to do by’ date must be given.

(iv) Double Awards:

Following a query from Greenwich University on issuing dual BEng/MEng degrees and the views of the JBM on this, it was agreed that this should be solely the decision of the University, especially as the Engineering Council finds this practice acceptable.

6. Accreditation Conference

Mr Darren Byrne provided feedback on this event held at the Engineering Council, which gave a variety of views on accreditation from sectors such as the Medical profession, engineering employers and the international perspective. Some other Bodies, such as the Medical Council, support the involvement of students in the accreditation process. At the July JBM meeting, Professor R Plank agreed to contact RIBA to ascertain how they implement student involvement. The Secretariat will follow up on this action.  

Action: Professor Plank, Secretariat

7. CEETG Meeting

Mr Godfrey Bowring informed the Board that the issue of modularisation and discouraging universities from adopting a ‘tick-box approach’ will be re-visited at the February Board meeting as there has been no further update.

8. JBM Trademark/Logo

Mr Bowring and Mr Byrne gave an update on the current situation regarding the logo. The response from the Engineering Council has been that it is not possible for the Board to use the word ‘accredited’ in relation to ‘JBM’ in a logo as the JBM itself does not hold a licence to accredit degrees; this is held individually by the four member institutions. When Mr Stanley researched the process of registering a trademark, the Intellectual Property Office informed him it would be difficult to include four institutions, as this would make the logo look too cluttered and would have to be changed if any institution resigns, changes their name, or a new institution joins.

Outcome: The Working Group will continue to look at this and see what other wording could be used, perhaps with different colours or wording to represent the various levels of accreditation.

Mr Byrne will also respond to the Engineering Council in order to explain the reasons behind having a logo and put the case forward more strongly. It is also asked that Chairman’s action be used to approve the suggestion that universities be informed of the accreditation wording that should be used on their website. This could be checked before visits. The suggestion of a logo will also be put forward at the next EAB meeting to gauge other views on this.

Action: Mr Byrne, Mr Bowring, Chairman, JBM members

9. IS Panel’s Proposed Annex – Digital Technologies in Degree Programmes
Dr Roberts provided comments on this annex which have been forwarded on to Jennifer Whyte of the Information Systems Panel and Mr McCann. Dr Roberts, Mr McCann and Ms Whyte will communicate by telephone or e-mail in order to finalise the annex and agree whether this should be an Annex or guidance document. This will then be reported on at the next JBM meeting.

**Action:** Dr Roberts, Mr McCann

### B. MATTERS FOR NOTING

1. (a) **EAB minutes**

   The Board noted the minutes of the meeting held on the 15th September, 2009.

1. (b) **EAB Discussion Papers**

   Professor Clarke gave a report on this meeting and in particular, the following papers:

   (i) **Paper EAB/30/09 Waiving Visit Principles**

   Professor Clarke stressed that waiving visit principles should not be automatic, would only be used in exceptional cases and would require specific guidelines and requirements. This would be important for Foundation Degrees where there are several providers.

   **Outcome:** Professor Smith, as Chairman of the International Sub-Committee will look at this for the next meeting.

   (ii) **Paper EAB/29/09 Dual Accreditation.**

   The Engineering Council now states that a holder of an accredited BEng (Hons) will also automatically meet the educational base requirements for IEng. This will improve international recognition. The institutions do not need to take any action as universities will have to specifically request IEng listing and therefore there will be no change to the accreditation process.

2. **JBM 2009 Business Plan**

   The Board noted the updated 2009 Business Plan, which will be revised again for 2010.

3. **ICE Further Learning Conference**

   Ms Ryan gave an update on how arrangements are progressing for this Conference and informed the Board that there are now around 90 delegates.

4. **Secretariat Update**

   Ms Ryan stated that this section is purely for audit purposes and will note any date anomalies in accreditation periods to ensure all records match. The following were noted:

   (i) The request from Liverpool to backdate accreditation of their new (general) MEng (Hons) in Civil Engineering (accredited for intakes 2008-2013), to 2005, so that students admitted onto the courses prior to this date can take advantage of the new programme and to cover the needs of students presently commencing their 3rd year.

   (ii) The request from UEL to extend accreditation of their MSc in Civil Engineering to align with their BEng(Hons) programme, which was recently extended until 2010.
The following are post-meeting additions:

(i) The request for Aberdeen to extend accreditation to cover the 2009 intake (this was only until 2008 as the JBM approved the recommendations before other bodies, who then accredited programmes until 2009).

(ii) The request from Exeter to accredit their part-time MSc in Urban Water Systems, as well as the full-time course.

5. Discussion Groups

Professor Clarke gave the background for why these discussion groups were being held. He underlined the importance of students having the underlying skills required to develop concepts and to carry a ‘habit of mind’ regarding Sustainability and Health and Safety throughout their career. These are two key areas for employers and academics must be qualified to assess these competencies. The JBM will need to start addressing what kind of evidence is necessary to assess these competencies and how to encourage universities to avoid a ‘tick-box approach’ to teaching these themes.

Outcome: The JBM Board and two guests, (Clive Young from BIS and Tony Parry from the ICE Sustainability Panel) were split into four groups; two to look at Health and Safety and two to look at Sustainability. The feedback from these groups will be written and circulated to all attendees and the way forward discussed at the next meeting. There will be further break-out groups after the February meeting to discuss Design and Professionalism.

Action: Secretariat

C. ANY OTHER BUSINESS

1. CDIO Presentation
   This will be given by Nick Tyler and Peter Goodhew at the February meeting

2. Teaching of Structures
   Following this conference held at IStructE in May, feedback on this will be given at the next meeting and an update on the suggestion to hold a presentation on the various materials used by universities to teach structures.

3. Dates of Future Meetings
   Friday 5th February, 2010 at 10.15 (ICE)
   Friday, 7th May, 2010 at 10.15 (ICE)
   Friday, 16th July, 2010 at 10.15 (IStructE)
   Friday, 8th October, 2010 (ICE)
IHE Item 4.2  To approve the recommendations relating to university courses

PRIVATE AND CONFIDENTIAL TO BOARD MEMBERS

JOINT BOARD OF MODERATORS

Accreditation Recommendations to the ICE/IStructE/IHT/IHIE Following the Meeting of the Board held on 30th October, 2009.

At its meeting on 30th October, 2009, the Joint Board of Moderators agreed to make the following recommendations to the Institution of Civil Engineers, Institution of Structural Engineers, the Institution of Highways & Transportation and the Institute of Highway Incorporated Engineers with regard to the accreditation of the following programmes:

2. Swansea University

It is recommended that the programmes listed below be accredited by ICE, IStructE, IHIE and IHT as meeting the requirements for Further Learning for a Chartered Engineer under the provisions of UK-SPEC for the intakes 2007 – 2009, for candidates that have acquired a CEng accredited BEng(Hons) undergraduate degree:

   MSc Computational Mechanics (2 years full-time)

3. University of Ulster

It is recommended that the programme listed below be accredited by ICE, IStructE, IHIE and IHT as fully satisfying the academic base for an Incorporated Engineer under the provisions of UK-SPEC for the intakes 2009 – 2010:

   BSc(Hons) Civil Engineering (Technologies and Operations) (4 years full-time)

It is recommended that the programmes listed below be accredited by ICE, IStructE, IHIE and IHT as fully satisfying the academic base for a Chartered Engineer under the provisions of UK-SPEC for the intakes 2009 – 2010:

   MEng Civil Engineering with Diploma in Industrial Studies (5 years full-time)

   MEng Civil Engineering (5 years full-time)

4. Loughborough University

It is recommended that the programmes listed below be accredited by ICE, IStructE, IHIE and IHT as meeting the requirements for Further Learning for a Chartered Engineer under the provisions of UK-SPEC for the intakes 2006 – 2010, for candidates that have acquired a CEng accredited BEng(Hons) undergraduate degree:

   MSc Water and Environmental Management (Distance Learning 6-8 years)

   MSc Water and Waste Engineering (Distance Learning 6-8 years)

M&Q Committee
10 December 2009
Please note that consideration of the University of East London MSc submission will be postponed until the February meeting when the required recommendations have been addressed.

Graduate Diploma in Civil Engineering
IHE item 5.1  To approve the list of new Reviewers

Action: To approve the following people to be trained as Reviewers.

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IHE item 6.1 To consider the applications for election – summary attached

Action: To note the following new membership applications.

IHIE: Membership Committee: 10 December 2009

Applications list

Fellow IEng (have taken the professional review)

128. BRECKIN Clare  
    Senior Technician  
    Transfer from Graduate  
    Devon CC  
    (South Western)  
    Review: 28 October 09, C Bowley, J Russell: Recommendation: IEng

129. MUIR Martin  
    Network Team Leader  
    South Lanarkshire Council  
    (South Scotland)  
    Review: 4th December 09, C Divertie, G Henderson: Recommendation:

Fellow

130. CRONK Dean  
    Divisional Manager  
    Ringway Group Limited  
    (Southern)

131. HOPE Michael  
    Managing Director  
    Route Signs Ltd  
    (Thames)

MEMBER EngTech (taken professional review)

132. CARPENTER Arron  
    Engineer  
    Devon CC  
    (South Western)  
    Review: 28 October 09, S Bennett, J Russell: Recommendation: EngTech

133. MCCORMACK Teresa  
    Technician  
    Cornwall CC  
    (South Western)  
    Review: 19 October 09, P Balderstone:  
    Recommendation: EngTech

134. MCWILLIAM Jennifer  
    Network Technician  
    Aberdeenshire Council  
    (South Scotland)  
    Review: 24 November 09, G Milne:  
    Recommendation: EngTech
MEMBER EngTech (taken professional certificate)

135. JENKIN Clare  
   Development Manager  
   Essex CC  
   (Thames)  
   Assessment: 28 October 09, R Leonard, C Saunders: Recommendation: EngTech

136. DAVIES Joanne  
   Agreement Engineer  
   Kent CC  
   (Thames)  
   Assessment: 28 October 09, R Leonard, C Saunders: Recommendation: EngTech

137. PENN Ryan  
   Consultant  
   Local Transport Projects  
   (Yorkshire)  
   Assessment: 28 October 09, R Leonard, C Saunders: Recommendation: EngTech

Member

138. COLLINS Shane  
   Graduate Engineer  
   Northants CC  
   (East Midland)

139. JONES Keith  
   Lead Auditor  
   Self Employed  
   (Yorkshire)  
   Transfer from Affiliate

140. POOLE Elizabeth  
   Engineer  
   Norfolk CC  
   (Eastern)  
   Transfer from Affiliate

141. RIMMER Steven  
   Road Safety Auditor  
   (South Western)  
   Transfer from Affiliate

142. ZUTSHI Sahil  
   Transportation Engineer  
   (

Associate Member

143. HARGREAVES Thomas  
   Traffic Signal Engineer  
   Atkins  
   (Mercia)

Graduate Member

144. GARVIN David  
   Technician  
   Falkirk Council  
   Transfer from Student

M&Q Committee  
10 December 2009
| 145. | **KEMP** Darren | Technician  
LinCs CC  
(East Midland) |
| 146. | **Umiliaco** Stefano | Site Inspector  
Falkirk Council  
(Overseas) |
|       | **Student Member** |       |
| 147. | **Couch** Keiren | Health and Safety Officer  
Cornwall Council  
(South Western) |
| 148. | **Curtis** Mark | Highways Technician  
Cornwall Council  
(South Western) |
| 149. | **Dunn** Susannah | Trainee Technician  
Derbyshire County Council  
(Yorkshire) |
IHE item 6.2  
Reinstatements and Resignations

Action: To note the Reinstatements and Resignations

Reinstatements

<table>
<thead>
<tr>
<th>Forename</th>
<th>Surname</th>
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<tbody>
<tr>
<td>Martin</td>
<td>Clack</td>
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<tr>
<td>Peter</td>
<td>Owen</td>
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<tr>
<td>Colin</td>
<td>Pearce</td>
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<tr>
<td>Del</td>
<td>Tester</td>
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<tr>
<td>Matthew</td>
<td>Jacquest</td>
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Resignations

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<td>Cox</td>
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