



Engineering Gateways Flexible Pathways to becoming a Professional Engineer

Protocol for a participating Higher Education Institution or Further Education College

Academic Programme (s): MSc Professional Engineering*
Bachelors programme in Professional Engineering*
**delete as appropriate*

Introduction

This document sets out the protocol for the providers of programme(s) developed in accordance with the Engineering Council - endorsed model of integrated workbased learning and supervised professional development. It is agreed between Engineering Council and (name of HEI or FE College), 'the HEI/FEC'. It should be read in conjunction with the relevant document(s) *Guide to MSc Professional Engineering* and *Guide to Bachelor's Programmes in Professional Engineering* and also the Registration Protocol between the Engineering Council and professional engineering institutions.

Agreed Process

The programme

1. The HEI/FEC is responsible for securing validation of the programme(s) according to its normal procedures and notifying the Engineering Council once this is achieved.
2. The HEI/FEC will undertake appropriate promotion and marketing activity in relation to the programme(s), provide the Engineering Council with information for inclusion on the 'engineering gateways' website and a copy of promotional material, and include links to the Engineering Council and engineering gateways websites. It must be made clear to programme participants that successful completion of the programme does not guarantee the award of CEng or IEng.
3. The Engineering Council will provide a copy of its logo for inclusion in programme documentation with the statement:
This programme was developed according to the Engineering Council framework
The Engineering Council retains ownership of the logo; the logo may be rescinded at the Engineering Council's discretion.
4. The HEI/FEC will ensure that its participant documentation meets the needs of the relevant PEI(s).
5. The HEI/FEC will provide the Engineering Council with an annual report on the programme(s) by 15 February each year and inform the Engineering Council of any major changes.
6. The HEI/FEC will contribute to the impact assessment of the model by gathering data on students' attitudes to engineering professional qualification.

Participants

7. For each enrolled participant, the HEI/FEC will be responsible for:

- carrying out an initial Professional Development Audit which is the evidence of the participant's claimed competences mapped to current work activity
- ensuring that a learning contract and learning plan are drawn up
- ensuring that the PEI is provided with a copy of the PDA, learning contract, mapping of the MSc learning outcomes to the UK-SPEC learning outcomes, and names(s) and engineering registration status of the academic mentor/supervisor and industry mentor
- providing a university-based mentor holding an appropriate engineering professional qualification
- providing mentoring in association with an industry-based mentor and (if available) PEI advisor
- monitoring the individual's record keeping in relation to PEI membership application, the learning contract, professional development and mentoring
- working with the industry-based mentor to ensure that the workplace activities offered are appropriate to meet the learning and competence requirements

Should any issues arise with the provision of appropriate workplace activity, the HEI/FEC will use its best endeavours to help the individual.

8. In the event that the PEI finds the participant documentation unacceptable as a base for eventual professional review, the HEI/FEC can expect further guidance from the PEI.

9. The HEI/FEC will be responsible for assessing the participant's learning outcomes, confirming that they meet the relevant master's or bachelor's level requirements according to UK-SPEC and making the relevant academic award.

Accreditation by PEI

Once sufficient participant output is available, the HEI/FEC will provide material for the PEI to review and to consider conferring accreditation on each of the programmes.

Notwithstanding the lack of programme accreditation initially, the Registration Protocol between the Engineering Council and participating PEIs provides participants with an assurance from the PEI that by following this model of integrated education and supervised workbased professional development, they may apply for Professional Review.

Signed on behalf of the Engineering Council

Date

Signed on behalf of

(provider)

Date