APPLICATION FOR APPROVAL OF A CENG EMPLOYER-MANAGED FURTHER LEARNING PROGRAMME

When completing this application form, please refer to the relevant JBM guidance documents, notably those setting out the requirements of Further Learning programmes and of the various roles.

1. Employer – *name and registered address of organisation making application*

2. Supervising Engineer – *name and contact details (including telephone and email) of the Supervising Engineer who will be managing the Further Learning Programme*

3. Assessors – *name and contact details (including telephone and email) of the Assessors who will support this process, if known at this stage*

4. Internal Verifier - *name and contact details (including telephone and email) of the Internal Verifier, if known at this stage. Please note that the internal verifier must be a different person from the Supervising Engineer and from the Assessors.*

5. Programme Overview

6. Programme Summary

Please refer to the guidance in the FL Requirements Document, which gives a full explanation of the necessary balance of Learning Outcomes to be addressed.
Please insert 'n/a' against any Learning Outcomes not addressed.

No.	Learning Outcomes: By the end of the programme Graduates will be able to demonstrate the following;	Learning Activity	Participants' evidence and assessment methods
	Science and Mathematics		
i	A comprehensive understanding of the relevant scientific principles of the specialisation;		
ii	A critical awareness of current problems and/or new insights much of which is at, or informed by, the forefront of the specialisation		
iii	Understanding of concepts relevant to the discipline, some from outside engineering, and the ability to evaluate them critically and to apply them effectively, including in engineering projects.		

Engineering Analysis			
iv	Ability both to apply appropriate engineering analysis methods for solving complex problems in engineering and to assess their limitations.		
v	The ability to use fundamental knowledge to investigate new and emerging technologies		
vi	The ability to collect and analyse research data and use appropriate engineering tools to tackle unfamiliar problems, such as those with uncertain or incomplete data or specifications, by the appropriate innovation, use or adaptation of engineering analytical methods		
Design			
vii	Knowledge, understanding and skills to work with information that may be incomplete or uncertain, quantify the effect of this on the design and, where appropriate, use theory or experimental research to mitigate deficiencies		
viii	Knowledge and comprehensive understanding of design		

	processes and methodologies and the ability to apply and adapt them in unfamiliar situations		
iv	Ability to generate an innovative design for products, systems, components or processes to fulfil new needs.		
Economic, legal, social, ethical and environmental context			
x	Awareness of the need for a high level of professional and ethical conduct in engineering		
xi	Awareness that engineers need to take account of the commercial and social contexts in which they operate		
xii	Knowledge and understanding of management and business practices, and their limitations, and how these may be applied in the context of the particular specialisation		
xiii	Awareness that engineering activities should promote sustainable development and ability to apply quantitative techniques where appropriate		
xiv	Awareness of relevant regulatory requirements governing engineering		

	activities in the context of the particular specialisation		
xv	Awareness of and ability to make general evaluations of risk issues in the context of the particular specialisation, including health & safety, environmental and commercial risk.		
Engineering Practice			
xvi	Advanced level knowledge and understanding of a wide range of engineering materials and components		
xvii	A thorough understanding of current practice and its limitations, and some appreciation of likely new developments		
xviii	The ability to apply engineering techniques taking account of a range of commercial and industrial constraints		
xix	Understanding of different roles within an engineering team and the ability to exercise initiative and personal responsibility, which may be as a team member or leader		
Additional General Skills			
xx	Apply their skills in problem solving, communication, information retrieval, working with others, and the effective use of general		

	IT facilities		
xi	Plan self-learning and improve performance, as the foundation for lifelong learning/CPD		
xii	Monitor and adjust a personal programme of work on an on-going basis		

Total estimated planned contact learning time:

Total estimated planned overall learning time:

7. Assessment – Describe briefly the frequency of the assessment and how this will be recorded?

8. Internal Verification – Describe briefly how the internal verification will be carried out and recorded?

Please return your completed application form and supporting information to:-

JOINT BOARD OF MODERATORS
One Great George Street,
Westminster,
London, SWIP 3AA