

COMPETENCE & COMMITMENT CHECKLIST (CEng MIMMM)

We ask that you assess yourself, preferably with your mentor or sponsor, against the criteria below before you start making your application. This will show you whether you are likely to meet the requirements for CEng MIMMM. The table below contains a condensed breakdown of the Institute's requirements, with tick boxes, to help you in your assessment. You should refer to the full list of competence and commitment statements provided in the appendix of your application guide for more information regarding specific areas. You must be able to meet the majority of the requirements at a good or expert standard before you complete your application. You may wish to gain further experience in areas where you feel you have only 'some knowledge.' If you tick more than two boxes as 'little or no knowledge' you should do further study or gain experience before application.

Chartered Engineers must be competent throughout their working life, by virtue of their education, training and experience, to:

		EXPERT	GOOD KNOWLEDGE	SOME KNOWLEDGE	LITTLE/NO KNOWLEDGE
A. Use a combination of general and specialised engineering knowledge and understanding to optimise the application of existing and emerging technology	1. Maintain and extend a sound theoretical approach in enabling the introduction and exploitation of new and advancing technology and other relevant developments				
	2. Engage in the creative and innovative development of engineering technology and continuous improvement systems				
B. Apply appropriate theoretical and practical methods to the analysis and solution of engineering problems	1. Identify potential projects and opportunities				
	2. Conduct appropriate research, and undertake design and development of engineering solutions				
	3. Implement design solutions and evaluate their effectiveness				
C. Provide technical and commercial leadership	1. Plan for effective project implementation				
	2. Plan, budget, organise, direct and control tasks, people and resources.				
	3. Lead teams and develop staff to meet changing technical and managerial needs				
	4. Bring about continuous improvement through quality management				
D. Demonstrate effective interpersonal skills	1. Communicate in English with others at all levels.				
	2. Present and discuss proposals				
	3. Demonstrate personal and social skills				
E. Demonstrate a personal commitment to professional standards, recognising obligations to society, the profession and the environment	1. Comply with relevant codes of conduct				
	2. Manage and apply safe systems of work				
	3. Undertake engineering activities in a way that contributes to sustainable development				
	4. Carry out continuing professional development necessary to maintain and enhance competence in own area of practice				