

Engineering Courses

Professional Engineering Training (Electrical and Mechanical)

Course No: 410/105

Aim of Course	Outline of Syllabus	Remarks
<p>To prepare Specialist Engineering Officers to design, plan and control a wide variety of Electrical and Mechanical Engineering tasks.</p>	<p>The training is in 4 phases:</p> <ul style="list-style-type: none"> • Phase 1: 8 months spent at the RSME covering written and design work in lectures and tutorials. Failure to achieve a suitable standard in this phase will preclude the student from continuing with the course. • Phase 2: 8 months spent on attachment to a Design Consultant working on electrical and/or mechanical designs to C Eng level. • Phase 3: 8 months spent on attachment to a contractor working on site on electrical and/or mechanical construction to C Eng level. • Phase 4: 2 weeks at the RSME during which the student is required to present a MSc dissertation written during his attachments. Additionally the student will be briefed on current military issues. 	

Rank Range	Entry Standards	Duration	Qualifications gained	Frequency
Lieutenant to Major	<p>IELTS level 7. Equivalent of a UK BSc(Eng) or B Eng in a relevant subject. Copies of certificates should be sent to IDT (A) at the time of application. The RSME has spent many years building up valuable goodwill with the Civilian Consultants and Contractors to whom officers attending this course have been attached. It is therefore vital that any student attending the course should have suitable knowledge, experience, confidence and character to integrate well with these organisations.</p>	108 weeks	<p>MSc in Military Construction Engineering from Cranfield University. The Institution of Mechanical Engineers, the Institution of Engineering & Technology and the Chartered Institute of Building Services Engineers recognise attendance on this course towards their requirements for Chartered Membership.</p>	1 course per year

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