

Engineering Courses

Clerk Of Works (Construction)

Course No: 410/008

Aim of Course	Outline of Syllabus	Remarks
<p>To train Non Commissioned Officers in the duties of a Military Clerk of Works (Construction). Role of Military Clerk of Works: Planning, design, management and quality control of military construction projects in peace and war worldwide.</p>	<p>Each student gains a thorough knowledge of the theoretical and practical applications of building technology and civil engineering including:</p> <ul style="list-style-type: none"> • Full site reconnaissance for subsequent construction of buildings, structures, roads, airfields and similar facilities. This includes soil classification, site survey, design work, specifications and resource management. • Design of brick and timber buildings of up to three storeys • Design of formwork, concrete mixes, drainage schemes and simple steel framed structures • Manage the setting out of a construction site or airfield to both line and level • Supervise excavations preparatory to construction work • Quality control of construction, works and materials. • Manage the erection and construction of steel framed structures, traditional brick buildings, reinforced concrete structures, roads and airfields • Design, plan, construct and maintain temporary field accommodation • Understand conditions of contract and contract procedures • Supervise tradesmen of all disciplines • Site safety management • Project Planning and Management • Design and Construction of Force Protection Engineering Structures • Understanding of Electrical and Mechanical Works. 	

Rank Range	Entry Standards	Duration	Qualifications gained	Frequency
Corporal to Staff Sergeant	IELTS level 5.5	94 weeks	University of Greenwich Foundation Degree in Construction Management. CITB Construction. Site Managers Safety Certificate.	1 course per year

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