

# DACMT Courses

## Military Electronic Systems Engineering MSc/PgDip Course No: 402/022

Aim of Course	Outline of Syllabus	Remarks
<p>Suitable for officers of the armed forces and for scientists and technical officers in government defence establishments and the defence industry. The course covers a selection of electronic warfare (EW) topics relevant to military systems.</p> <p>Takes you on to subsequent careers involved with the specification, analysis, development, procurement, technical management or operation of military radar, electro-optics, communications or information systems, where the emphasis is on EW.</p>	<p>The duration of the Military Electronic Systems Engineering MSc is 47 weeks, comprising a taught phase of 28 weeks followed by an individual project phase</p> <p>During the taught phase, the course progresses from introductory academic studies through to systems topics. Because the main focus of the course is EW in relation to communications and sensor systems, a good understanding of these systems is required before going on to look at how to defend them from electronic attack or intercept - the course also covers these areas so that successful graduates are versed in all aspects of EW.</p> <p>Throughout the latter part of the taught phase, there is a broad range of visits to industry and defence establishments.</p> <p>In the project phase, students undertake an individual specialist project in a subject area of their choice, to meet their future career needs. Often these projects are supported or sponsored by research establishments or other agencies to reinforce this link between the course and future career requirements.</p>	<p>Capacity is 24 personnel.</p>

Rank Range	Entry Standards	Duration	Qualifications gained	Frequency
	<p>IELTS level 7. Normally a 1st or 2nd class honours degree or professional equivalent in electrical or electronic engineering or related subjects.</p>	<p>MSc: One year full-time. PgDip: Six months full-time</p>		<p>1 course per year, starting in September</p>

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