

DACMT Courses

Defence Electro-Optics and Imaging Systems Course No: 402/050

Aim of Course	Outline of Syllabus	Remarks
<p>The aim of this two week course is to provide practising scientists, engineers and weapon staff officers with a basic introduction to the principles and potential defence applications of a range of contemporary electro-optical and imaging devices and image-processing techniques.</p>	<p>The course starts with a revision of the fundamentals of electro-optics and then deals in more detail with the following topics:</p> <ul style="list-style-type: none"> • Daylight and Low Light Television Systems • Image Intensification • Thermal Imaging • Laser Systems and Applications • Image Processing. <p>The impact of solid state detector arrays and digital image-processing techniques on the future of imaging systems will be discussed.</p> <p>Instruction on the course will be by lectures, tutorials and laboratory classes to give hands-on experience of typical systems.</p>	<p>Capacity is 25 personnel.</p>

Rank Range	Entry Standards	Duration	Qualifications gained	Frequency
	None specified	2 weeks		1 course per year

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