

DACMT Courses

Ballistics Course No: 402/003

Aim of Course	Outline of Syllabus	Remarks
<p>This course is primarily intended for scientists and engineers involved in the broad-based subject of ballistics.</p> <p>The aim of the course is to give participants an introductory level working knowledge of the fundamental principles and techniques involved in gun and rocket ballistics.</p>	<p>The principal subject areas covered include:</p> <ul style="list-style-type: none"> • Internal, Intermediate, External and Terminal Ballistics • Propellants and Rocket Propulsion • Armour Materials and Attack of Armour • Dispersion of Fire • Gun Barrel Heat Transfer • Light Weapons • Direct and Indirect Fire Systems • Wound Ballistics • Gun Design • Ballistic Range Instrumentation. <p>The course mainly consists of lectures by members of the Defence Academy staff (both civilian and military) supported by external visiting lecturers. The lecture material is supported by practical sessions and demonstrations wherever appropriate. A comprehensive package of supporting lecture notes is also provided.</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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