



INTRODUCTION TO ELECTRONIC WARFARE COURSE



Electronic Warfare pertains to military operations that exploit the electromagnetic spectrum to provide situational awareness and create offensive and defensive effects.

Course Outcomes

This course provides students with the basic principles of Electronic Warfare (EW) in all operational domains. The course introduces the three pillars of EW – Electronic Support (ES), Electronic Attack (EA) and Electronic Protection (EP), Radar, Electro Optics (EO) principles and associated operational support concepts. The course also discusses offensive and defensive cyberspace operations. Practical scenarios and workshops are utilised to support operational EW concepts.

Intended Audience

Professionals working in research and development and/or the acquisition of command support communication and information systems or personnel new to Electronic Warfare who need to develop their understanding of how it is applied in military operations across air, land, maritime, space and cyber.

Course Modules

1. Electronic Warfare Fundamentals
2. Basic Radar Theory and Employment
3. UV/Vis/IR Systems
4. Purpose of Mission Data
5. Introduction to Electronic Warfare Theory and Operations
6. Introduction to Electronic Optics Theory and Operations
7. Network Centric Warfare
8. Navigation Warfare
9. Introduction to Military Cyber Operations
10. Electronic Warfare Scenario Based Workshop

Course Number	SC001
Duration	Three (3) Days
Location	Stockholm
Cost	SEK 28 5000 per student (excluding MOMS)
Enquiries	+46 760 188 004 or tomas.couch@westberi.se

