

# Tailored EW Training

Subject Reference	Title	Typical Application (For Illustrative Purposes Only)							
		Staff Officer's Course	EW in Radar	EW in EO	EW Foundation Course	Data Analysis	MDF (PFM) Course	EW Data Manager	Your Course
S001	Foundation Theory EM Waves								
S002	Foundation Theory Propagation								
S003	Communication Introduction								
S004	Communication Modulation								
S005	Radar Introduction								
S006	Radar Mathematics								
S007	Radar Transmission & Circuit Devices								
S008	Radar Interpulse and Intrapulse Modulation								
S009	Radar Frequency Modulation								
S010	Radar Transmission Lines								
S011	Radar Antennas								
S012	Radar Receivers								
S013	Radar Fourier Transform								
S014	Radar Doppler/MTI								
S015	Radar Other Techniques								
S016	Radar Function Analysis								
S017	Threats Generic								
S018	Threats SEAD								
S019	Threats Guidance Systems								
S020	Threats Weapon Architecture								
S021	Electronic Warfare Introduction								
S022	Electronic Warfare ESM								
S023	Electronic Warfare ECM								
S024	Electronic Warfare EPM								
S025	Electro-Optics Characteristics								
S026	Electro-Optics Basic Systems								
S027	Electro-Optics Waves								
S028	Electro-Optics in EW								
S029	Electro-Optics Physics of Heat								
S030	Electro-Optics IR Band								
S031	Electro-Optics IR Targets								
S032	Electro-Optics IR Missile Guidance								
S033	Electro-Optics IR ECM								
S034	Electro-Optics IR EPM								
S035	General - GPS								
S036	EWOSC Database National Database Format & Structure								
S037	EWOSC Database Design & Development of a National EW Database								
S038	EWOSC Reprogramming Process Mission Data Files and Data Support								
S039	EWOSC Reprogramming Process Mission Data Files and Testing								
S040	EWOSC Reprogramming Process Mission Data Files and the Impact of Future Technology								
S041	EW in Maritime, Air and Land Operations and Emerging Roles for EW								
S042	EW in the Effects Based Approach to Operations								
S043	EW Mutual Support								
S044	EW Data Release to PFP Nations								
S045	EW Planning for Crisis Response Operations								
S046	Organisation of EW in NATO and the European Security and Defence Force								
S047	Emission Control								
S048	EW Training								
S049	EW, SIGINT and All Source Intelligence								
S050	Implementing EW Lessons Learned								

The time allocated to each subject is dependent on several factors including:

- The entry level of the student and the required output standard including:
  - Depth of instruction for the subject
  - Pass mark for examination if used.
- The level of retention required:
  - Higher levels of retention require more time dedicated to exercises and reinforcement of information.