

Training Course Matrix



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

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.