COMMUNICATION

Annex

Course Schedule (Draft V0.3)			
Serial	Main Topic	Recommended Working Hours (of which e-Learning)	Contents (Sub-Topics)
A	Preliminaries	0.5 (0)	A.1 Course Administration; Course Aim, Learning Outcomes & Programme; Trainer & Participant Introductions
		0.5 (0)	A.2 Syndicate-based Quiz (to determine collective input standard/baseline)
B	Cyber Fundamentals	3.5 (2)	B.1 The nature and lexicon of digital technologies, cyber-attacks and cybersecurity measures, and how these interact in the real world (case studies)
		1 (0)	B.2 The EU landscape for Cybersecurity & Cyber Defence of CSDP Military Operations and Missions: Policies; Concepts; Strategies; Actors; Capabilities (Guest Speaker)
C	Cyber Operations: Principles, Concepts and Doctrine	1 (0)	C.1. Information Assurance; Safety, Reliability & Availability of Information Assets; Cyber Threats; Cyber Vulnerabilities; Resilience; Mission Assurance; Operational Risks & Mitigations
		2 (1)	C.2. Cyberspace as an Operational Domain; Cyber Deterrence & Diplomacy; Legal frameworks for Cyber Operations; Military reliance on cyberspace; Cyber Operations, functions and actors; Cyber contributions to joint military campaigning; the Cyber Operations 'Value Chain'; the 'Cyberspace Contest'; the 'Cyber Defence Dilemma'; Cyber in Effects-Based Planning
		0.5 (0)	C.3. Syndicate Exercise: 'How do Cyber Operations fit within wider military activities?'
		1 (0)	C.4. Cyberspace & 'Hybrid' campaigning; Potential Cyber threats to military operations/missions; Additional Cyber vulnerabilities of multi-national operations; Cyber threats and Operational Risk Management
D	Cyber Considerations in CSDP Military Crisis Action Planning	1 (0)	D.1 Cyber Considerations in Planning: All-source Intelligence; Threat Assessment; Command & Control Architecture; Logistics Posture; Cyber Defence Posture; Training Requirements
		1 (0)	D.2 The EU CSDP 'Planning Snake'; Cyber considerations in planning: Military Strategic Options (MSO - EUMS); Initiating Military Directive (IMD - EUMS) (Guest Speaker)
		1 (0)	D.3 Introduction to the 'REDLAND' scenario, followed by Syndicate Exercise: 'Cyber Threat Assessment'
		1 (0)	D.4 Cyber Considerations in Planning: Cyber-focused Centre of Gravity Analysis; Cyber and Battlespace Architecture (boundaries; key terrain etc); Cyber and Force Composition; Cyber & C2 Architecture; Cyber & Force Supply Chain; Cyber consequence analysis & contingency planning
		1 (0)	D.5 Update on the 'REDLAND' scenario, followed by Syndicate Exercise: 'Operation MORGANTIC Cyber-focused Centres of Gravity Analysis'
		1 (0)	D.6 Update on the 'REDLAND' scenario, followed by Syndicate Exercise: 'Operation MORGANTIC C2 Architecture'
		1 (0)	D.7 Cyber considerations in EU CSP Crisis Action Planning: Concept of Operations (CONOPS - OHQ); Operations Plan (OPLAN - FHQ) (Guest Speaker)
		1 (0)	D.8 Update on the 'REDLAND' scenario, followed by Syndicate Exercise: 'Operation MORGANTIC Force Supply Chain'
		1 (0)	D.9 Update on the 'REDLAND' scenario, followed by Syndicate Exercise: 'Operation MORGANTIC Cyber Risk Anlaysis'
E	Close-out	1 (0)	E.1 Trainer & Speaker Panel Q&A
		0.5 (0)	E.2 Syndicate-based Quiz (to determine collective output standard)
		0.5 (0)	E.3 Closing administration & farewells
	Total	21 (3)	