COURSE SYLLABUS

SL 5N

USAREUR-AF

COURSE SYLLABUS — SL 5N: ADVANCED UI/UX DESIGNER

Maven Smart System (MSS) — USAREUR-AF

HEADQUARTERS
UNITED STATES ARMY EUROPE AND AFRICA
(USAREUR-AF)
Wiesbaden, Germany

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MAVEN SMART SYSTEM (MSS) — USAREUR-AF

Field	Detail
Level	SL 5N — Advanced UI/UX Designer Specialist Track
Duration	3 days (24 hours)
Prerequisites	SL 4N (Go evaluation on file — **REQUIRED**); demonstrated portfolio of 2+ MSS application designs
Audience	Experienced UI/UX designers leading design at portfolio scale on MSS
Format	Instructor-led seminar + design studio + case study analysis
Location	MSS Training Environment (Workshop access required; design tool licenses required)

BLUF: SL 5N extends SL 4N from individual application design to enterprise design leadership — building and governing design systems, designing for DDIL and cross-domain environments, establishing design operations, and leading coalition UI integration. SL 5N is for designers who define how all MSS applications look and behave, not just one.

LEARNING OBJECTIVES

#	Objective
1	Design a component for the MSS design system library with full documentation: variants, accessibility notes, do/don't examples, data binding, and responsive behavior
2	Define a design token architecture covering classification colors, status colors, typography, and spacing — with locked vs. configurable token governance

#	Objective
3	Design a DDIL-aware application that implements data freshness indicators, offline-first interaction patterns, and graceful degradation across all four DDIL tiers
4	Produce a cross-domain UI specification that maintains unambiguous classification marking across classification transitions
5	Design a coalition-ready interface accommodating non-native English readers, international date/time conventions, and releasability markings
6	Establish a design review governance process with defined gates, reviewers, and criteria
7	Build a research repository entry from existing user research data, tagged for reuse by other design teams

PRE-COURSE CHECKLIST

Complete **5+ duty days before Day 1:**

- ☐ Read TM-50N, Chapter 2 (Design Systems at Scale) — focus on token architecture and component documentation standard
- ☐ Read TM-50N, Chapter 3 (DDIL-Aware Design) — DDIL design tiers and freshness indicators
- ☐ Review your SL 4N portfolio designs and identify inconsistencies that a design system would have prevented

DAILY SCHEDULE

Day 1 — Design Systems and Token Architecture

Time	Block	Method	Content
0800–0900	1	Seminar	From application design to design systems: the scale shift; design system as product; component library architecture
0900–1100	2	Studio	Design token architecture: define token categories, governance rules, and inheritance hierarchy for MSS
1100–1115	—	Break	

Time	Block	Method	Content
1115–1200	3	Studio	Component documentation: design a new component for the MSS library with full documentation standard
1200–1300	—	Lunch	
1300–1500	4	Case Study	Design system case study: review a portfolio of MSS applications; identify consistency gaps; propose system-level fixes
1500–1515	—	Break	
1515–1700	5	Seminar	Design governance: review process, deviation management, quality metrics, portfolio consistency checks

Day 2 — DDIL, Cross-Domain, and Coalition Design

Time	Block	Method	Content
0800–0830	—	Review	Day 1 questions; design system checkpoint
0830–1030	6	Seminar + Studio	DDIL-aware design: four-tier design model; data freshness indicators; offline-first interaction patterns
1030–1045	—	Break	
1045–1200	7	Studio	Design exercise: redesign an existing MSS application for DDIL resilience — add freshness indicators, offline states, queue patterns
1200–1300	—	Lunch	
1300–1500	8	Seminar + Studio	Cross-domain UI: multi-classification display patterns; classification boundary transitions; ISSM review requirements
1500–1515	—	Break	
1515–1700	9	Studio	Coalition UI: international conventions, releasability markings, multi-language considerations, NATO partner interoperability

Day 3 — DesignOps, Research Operations, and Capstone

Time	Block	Method	Content
0800–0900	10	Seminar	DesignOps: operational processes for design at scale; tooling, onboarding, research repositories
0900–1100	11	Studio	Research repository: build a research repository entry; tag insights; maintain persona library
1100–1115	—	Break	
1115–1200	12	Studio	Accessibility at enterprise scale: automated testing strategies, remediation prioritization, compliance reporting
1200–1300	—	Lunch	
1300–1500	13	Exercise	**EX_50N Capstone:** Design a design system component, DDIL pattern, and governance proposal for a real MSS portfolio gap
1500–1515	—	Break	
1515–1630	14	Presentation	Capstone presentations and peer review
1630–1700	15	Evaluation	Post-test (EXAM_TM50N_POST); course evaluation