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LESSON PLAN TEMPLATE

LP-TEMPLATE



LESSON PLAN — TEMPLATE

Maven Smart System (MSS) Training Program

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

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26 MARCH 2026

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LESSON PLAN — TEMPLATE

MAVEN SMART SYSTEM (MSS) TRAINING PROGRAM

USAREUR-AF Operational Data Team — C2DAO

HOW TO USE THIS TEMPLATE Army lesson plan format adapted for MSS technical training. Complete all fields. Write "N/A" if not applicable. Update Version and Date fields on each revision. TM-10 lesson plans are complete models; TM-20+ outlines fill in this structure.

LESSON PLAN HEADER

Field	Value
Course	(e.g., SL 2 Builder)
Lesson Title	(descriptive title of this block)
Lesson Number	(Block number within course, e.g., Block 7)
POI Reference	(POI block reference, e.g., TM-20 Block 7)
Instructional Hours	(total hours allocated, e.g., 2.0 hours)
Method of Instruction	LAB / LEC / DIS / SEM / BRF / REV / WKS
Location	MSS Training Environment
Maximum Students	(per T:I ratio from POI)
Date/Version	(e.g., Version 1.0 — March 2026)
Prepared By	
Reviewed By	

SECTION I — PURPOSE

(One paragraph. State what this lesson accomplishes in the context of the course and the trainee's operational role. Why does this lesson exist? What does the trainee do differently after this lesson?)

SECTION II — LEARNING OBJECTIVES

Terminal Learning Objective (TLO):

Action: (what the trainee does) **Condition:** (given what, in what environment, with what tools) **Standard:** (to what level of performance)

Enabling Learning Objectives (ELOs):

#	ELO	Method of Assessment
1		Check on Learning / Practical Exercise
2		Check on Learning / Practical Exercise
3		Check on Learning / Practical Exercise
(add rows as needed)		

SECTION III — RESOURCES

Instructor Materials: - Lesson plan (this document) - Presentation slides (identify slide deck file name) - Instructor demonstration account in MSS Training Environment - (list any other instructor-specific materials)

Student Materials: - TM reference (identify chapter and sections) - Reference card or handout (identify file name if applicable) - Workstation with MSS Training Environment access

Training Aids: - Projector/display for instructor demonstration - (list any whiteboards, posters, printed materials)

Datasets/Exercise Files: - (identify synthetic datasets to be pre-loaded in MSS Training Environment) - (identify any files students must download or access before the lab)

SECTION IV — SAFETY AND SECURITY CONSIDERATIONS

Data Handling: - All datasets used in this lesson are synthetic and marked UNCLASSIFIED - Students must not export or save data outside the MSS Training Environment - Students must not attempt to access the production MSS environment during this lesson

System Safety: - (Note any risk of accidental data modification with production impact — relevant for blocks with write operations) - (Note any permissions risk — if students have elevated access for this lesson that should be reduced after)

Risk Assessment: LOW / MEDIUM / HIGH (*circle one*)

(Rationale if not LOW): _____

SECTION V — INTRODUCTION (AMO)

Time allocation: approximately 10% of lesson time

ATTENTION (*Hook — connects to operational relevance or a problem the trainee has personally encountered*)

(Example: "Your unit's SITREP tracker breaks every Monday because the file upload is manual. After this block, you can replace that with a pipeline that runs on schedule without anyone touching it.")

MOTIVATION (*Why this matters to the trainee's actual job*)

(Explain the operational impact. What can the trainee do after this lesson that they could not do before? What problem does this solve?)

OVERVIEW (*Brief statement of what will be covered*)

(Three-to-five bullet summary of the lesson structure. Set expectations for pace and what "done" looks like at the end of this block.)

SECTION VI — BODY

Time allocation: approximately 80% of lesson time

Sub-Topic 1: [Title] — [Time]

Instructor Notes:

(What to say/demonstrate. Keep delivery notes concise — write what is non-obvious, not every word. Reference slides by number. Note instructor demo steps separately from student lab steps.)

Student Activity:

(What students do during this sub-topic. Be specific: "Students create a new project using the naming convention from TM-20 Ch 2." Not: "Students practice project creation.")

Check on Learning:

(A question the instructor asks to verify comprehension before moving on. Questions should require more than yes/no.) - Question: - Expected answer: - If students cannot answer: (brief intervention — re-demo, refer to TM section, common misunderstanding to address)

Sub-Topic 2: [Title] — [Time]

Instructor Notes:

Student Activity:

Check on Learning:

(Add Sub-Topic sections as needed. Typical lesson has 3–6 sub-topics.)

Common Errors and Interventions

Common Error	Root Cause	Intervention
(what trainees do wrong)	(why it happens)	(what to say/do to correct it)

SECTION VII — SUMMARY (SRC)

Time allocation: approximately 10% of lesson time

SUMMARY *(Restate the key points)*

(3–5 bullet points of the most important concepts or skills from this lesson. These should map directly to the ELOs.)

REMOTIVATION *(Reconnect to operational relevance)*

(One or two sentences: how does what we just practiced connect to what the trainee will do on mission?)

CLOSE (*What comes next*)

(Brief statement of how this block connects to the next block. Set up the transition.)

SECTION VIII — ASSESSMENT

Assessment Method: Practical exercise task / Check on Learning during lesson / Evaluator observation / Design document review

Assessment Criteria:

Task	Go Standard	No-Go Indicators

Assessment Notes:

(Note any assessment conditions — e.g., "this block is not evaluated independently; it is assessed as part of the Day 5 practical exercise" or "the evaluator will ask students to demonstrate this task during the evaluation")

SECTION IX — ASSIGNMENT

Evening Reading (complete before next block): - TM reference: (chapter and sections) - Estimated time: (minutes) - Purpose: (one sentence — what should the student be prepared to do when they arrive tomorrow that requires this reading?)

Optional Preparation: - (Optional exercises or review activities for higher performers)

SECTION X — LESSON REVISION LOG

Version	Date	Change	Author
1.0		Initial publication	

USAREUR-AF Operational Data Team LP Template | Version 1.0 | March 2026