

MODULE 3 · Assessment Redesign and the AI Assessment Scale

Lecture 3.1

Learning Production vs. Learning Measurement

Production. Measurement. Logistics.



Production: Practice that builds skill through effort, feedback, and revision.



Measurement: Evidence that a student can meet an outcome.



Logistics: Process steps required by course context, with no pedagogical or evidentiary function.

The most common conflation.

A “rough draft” graded as final proof of writing capability.

PRODUCTION

If draft is production — feedback is the point, grade is informational.

MEASUREMENT

If draft is measurement — feedback is final, grade is high-stakes.

When the syllabus says “draft” but the gradebook says “graded,” students cannot tell what AI use is appropriate. Neither can you.

Why this matters more now.

		Measurement Phase	
		Meas AI	Meas no-AI
Production Phase	Prod AI	Prod AI / Meas AI Grade reflects AI-assisted capability. May be fine if that's the outcome.	Prod AI / Meas no-AI  highest risk Production gap hidden until measurement; grade reflects AI, not student.
	Prod no-AI	Prod no-AI / Meas AI Practiced unassisted; AI at measurement may obscure capability.	Prod no-AI / Meas no-AI Coherent; high-friction; needs real production infrastructure.

Highest risk: students practice with AI, then are measured as if they practiced without it.

Annotate in three colors.

Draft a 700-word evidence brief from the case packet.

prod / meas

 Green — production

Use two course concepts.

meas. criterion

 Red — measurement

Bring a rough draft for feedback.

production

 Gray — logistics

Submit the revised brief with a 100-word revision note.

measurement

Upload one PDF by Sunday.

logistics

If something is unmarked, it is probably the wrong thing — busywork, mystery, or hidden prerequisite.

Before / after.

Same outcome. Same content. Different transparency.

ambiguous

Draft a 700-word evidence brief from the case packet. Use two course concepts. Bring a rough draft for feedback. Submit the revised brief with a 100-word revision note. Upload one PDF by Sunday.



clear

Practice this week

Draft a 700-word evidence brief from the case packet. Use two course concepts. Bring a rough draft for feedback.

Submit for assessment

Submit the revised brief with a 100-word revision note explaining one decision you changed and why.

Equity dimension.



Came in with schemas from prior coursework. Uses AI to amplify. Production work invisible because already done.



Still building the needed schemas. Uses AI as replacement. Production work bypassed because not yet built.

Equity dimension

When production and measurement are conflated, AI use intensifies the difference between these two students. The grade hides the gap.

Forward link to AIAS.

The next lecture introduces the AI Assessment Scale. Its central use is to assign different AIAS levels to production vs. measurement components within the same assignment, rather than slapping one AIAS level across an entire course.



Elaboration micro-task *Write one sentence naming an assignment where production and measurement are conflated, plus one revision that separates them.*