

AI Study-Aid Review Checklist

One pass before a generated study aid reaches a learner: ground the model in the transcript, verify every claim against the source, check completeness and emphasis, favour self-testing, and make each aid trackable.

A. Grounding

- Generate with extract-then-abstract or retrieval (RAG), not free recall
- Feed the transcript in chapter-sized chunks, not one giant block
- Make every summary line and flashcard cite the timestamp it came from

B. Accuracy

- Verify every claim, number, and answer key against the source transcript
- Reject any sentence that cannot be traced to the lecture (likely a hallucination)
- Check no 'do not' was flipped to 'do' and no figure was invented

C. Completeness & emphasis

- No essential point the lecturer stressed was dropped from the summary
- A long tangent was not over-weighted as a key takeaway
- Aids foreground the learning objectives, not what was repeated most

D. Pedagogy & tracking

- Frame the summary as navigation/review — not a replacement for the lecture
- Steer learners toward self-testing flashcards with spaced review
- Label aids as AI-generated; meet WCAG 2.1 AA contrast and structure
- Emit each aid as an xAPI statement with a stable id (reviewed / answered / seeked)