



8.1 | Leverage AI to Align Outcomes & Assessments

Purpose & Instructions:

Use AI to understand and improve alignment between your learning outcomes and assessments based on evidence-based instructional design principles (e.g., backward design).

1. **Prepare Your Inputs:** For a unit of instruction, prepare 4 to 6 learning outcomes and at least one aligned assessment for each. They should include:
 - *Outcomes* – Include an action verb that describes an observable behavior and a condition and/or degree (if appropriate).
 - *Assessments* – Each should include a description of the task, the conditions (how and where the task is completed), the type (formative or summative assessment), and how it is graded or scored (with criteria, a rubric, or indicators).
 - *Instructional context* – Including your instructional goal, description of the learners, the modality (online synchronous, asynchronous, or blended), the content focus, and any constraints.
2. **Use the [Chapter 8 Checklist for Developing Assessments](#)** from Streamlined ID (2027) to evaluate your outcomes *before using AI*.
3. **Submit a customized version of the following prompt with your first draft learning outcomes and aligned assessments to an AI tool of your choice:**

AI Prompt:
“I am designing learning outcomes and assessments for a unit of instruction. I will provide my outcomes, assessments, and context.
Please analyze their instructional alignment using principles of backward design and evidence-based assessment.
For each outcome:
- Evaluate clarity and measurability
- Determine whether the assessment provides valid evidence of the outcome
- Identify any misalignment (e.g., mismatch in cognitive level, unclear performance evidence, gaps)
Provide:
- Specific revision suggestions (outcomes and/or assessments)
- Recommendations for improving conditions, criteria, or alignment
- Results in a table, followed by a brief summary of key issues
4. **Review and Revise.** Critically review the AI output to improve your outcomes and/or assessments. Do not automatically accept all recommendations.
5. **Save your work!**