

2014-2018 SLO Assessment Reports: Analysis (summary)

Faculty

A) WHAT: Provide multiple means of representation (47%)

1. Clarify vocabulary: “A design project for understanding of the terms.”
2. Illustrate concepts: Animated diagrams, color charts, images, simulations, interactive activities.
3. Activate background knowledge: Explaining “stories behind place names” and “replacing textbook examples with local business examples.”
4. Highlight critical ideas/relationships: Chapter summaries, lecture outlines, theory-practice combinations before field trips.
5. Guide information processing: Critical thinking exercises and comparisons.
6. Maximize transfer/generalization: Hands-on learning experience to help students connect with the topic.



B) HOW: Provide multiple means of action and expression (30%)

7. Optimize access to technologies: Platforms for note-taking and Lualima for online posting of class material, lectures, assignments, exams.
8. Employ multiple media for communication: Encouraging “student participation” and “picking students randomly to answer open ended questions.”
9. Build fluencies with graduated levels of support: Skill repetition, project-based assignments, application activities.
10. Guide appropriate goal-setting: Setting syllabus topics/sub-topics, course pace, samples of exemplary work, and assignment guidelines.
11. Support planning and strategy development: Encouraging students to use campus resources (e.g., tutoring center, writing center, library workshops).
12. Facilitate managing information: Mind mapping and practice sheet analysis.
13. Enhance the capacity for monitoring progress: Optional review session outside of class, in-class review of concepts before exams, practice exams with samples, pre-quiz.



C) WHY: Provide multiple means of engagement (23%)

14. Optimize individual choice/autonomy: Students select topics, learning tools, assignments.
15. Optimize relevance: Students create web pages and technical materials (e.g., safety posters.)
16. Heighten the salience of goals: Case studies, real world problems, group review questions, strategies to analyze relevant current events.
17. Foster collaboration: Group problem processes, small group discussions, partnering in manual practices.
18. Increase mastery-oriented feedback: Individual critiques, lab follow-up, review of drafts, discussion on assignments, rubrics, “feedback on step one before continuing to step two.”
19. Promote expectations that optimize motivation: Mentorship by instructor and peers.
20. Facilitate personal coping skills: Discussing options in preparation for future career goals.
21. Develop self-reflection: Self-assessment inventories—“students share their experiences with the material delivered in class.”

