



The University of Wyoming (UW) Assessment Matrix: Using Technologies to Advance Assessment

Jake Hayden | Ellbogen Center for Teaching & Learning (ECTL)

Dr. Francois Jacobs | Civil & Architectural Engineering –
Construction Management



Assessment for student learning opens the door for meaningful engagement into what, how and why learning occurs for all learners; this in turn, informs practice, pedagogy and curricula to better support all students.

UW Office of Assessment:

- Office of Assessment is located in the Ellbogen Center for Teaching & Learning (ECTL)
- Office of Assessment has developed, along with many campus partners, a new UW Institutional Assessment Plan for Student Learning ([link](#))
 - June 2023 Undergraduate Programs were asked to submit Program Curriculum Maps as part of their Assessment Reports
 - July 2024 Graduate Programs are being asked to submit Program Curriculum Maps
- In Fall 2022 the UW Assessment Matrix Pilot Program begins (initial phase includes six programs that were recruited to participate)
 - Learning Design & Technology Graduate Program (LDT) | UW Honors College | American Sign Language Certificate Program (ASL) | Gender & Women's Studies Undergraduate Program (GWST) | University Studies Program (USP2015)
 - *All programs are at various stages in this work (student learning outcomes development, utilizing Bloom's Taxonomy, curriculum mapping, assessment measures, gathering information/data from within programs and departments).*

UW Assessment Matrix Pilot Programs:

Learning Design & Technology

- Needed structure and guidance in developing Program Student Learning Outcomes (SLOs)
- Program Curriculum Map was nonexistent
- After consultations with the Assessment Team and other members of the ECTL Staff, they have started to build more structure around their SLOs
- Have started working in the Assessment Matrix

Honors College

- Established SLOs
- Piloting Assessment Inquiry content – considering various measures to understand and speak to learning across the program
- Also considering how to utilize the Assessment Matrix Platform to integrate co-curricular experiences and learning within their college

Pilot Programs (cont.):

American Sign Language Certificate

- Utilizing the Assessment Matrix to map their SLOs within their current curriculum
- Tracking student growth, leaning and knowledge of SLOs with pre & post surveys each semester
 - Working on fine-tuning this process
 - Working on data analysis and interpretation (for informed action and then further informed inquiry)

Gender & Women's Studies

- Currently mapping SLOs in the Assessment Matrix
 - This has helped to streamline the SLOs
 - Outline objectives in the SLOs
 - Opportunity to grapple with content both within and outside a program

Pilot Programs (cont.):

University Studies Program (USP2015)

General Education Program

- Mapping has helped to take a step back and examine the SLOs more carefully
 - SLOs are *currently* not mapped to Blooms Taxonomy
 - Inconsistencies in how programs mapped SLOs (no oversight)

UW Assessment Matrix Pilot Program:

- Assessment Matrix
 - Platform has helped to drive Faculty and Instructor Development
 - Multiple sessions devoted to curriculum mapping
 - Thorough and collaborative inquiry into program SLOs
 - Using the Pilot program
 - Thoughtful inquiry and analysis of SLOs
 - Drive curriculum mapping (paired with institutional assessment efforts)
 - Inquiry into student learning both at the course-level and the program-level
 - Multiple collaborators and opportunity for further support (questions about syllabi, assessment measures, direct and indirect assessments, data/information/evidence collection, analysis, informed opportunities to influence pedagogy and curriculum)



Questions?

Heather Webb Springer,
M.A.

Associate Director of
Assessment

Ellbogen Center for
Teaching & Learning
(ECTL)

hwebb1@uwyo.edu

Dr. Francois Jacobs
Professor

Civil & Architectural
Engineering –
Construction
Management

fjacobs@uwyo.edu

Jake Hayden, MPA
Assessment Data
Analyst

Ellbogen Center for
Teaching & Learning
(ECTL)

jakeh@uwyo.edu