Simplifying Data Collection Using the Canvas and Outcomes Integration

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Session Learning Outcomes

• After attending this session, participants will be able to:
  – Understand the benefits of Outcomes and the Outcomes/Canvas integration
  – Know how to prepare for the Outcomes/Canvas integration
  – Understand how to pull data from Canvas into Outcomes
• Importance of continuous improvement and learning outcomes assessment

• How Outcomes brings value to learning outcomes assessment

• How to prepare Outcomes for Canvas/Outcomes integration

• How to pull data into Outcomes from Canvas
Why is Learning Outcomes Assessment Important?

- Accreditation requirements
- Accountability to stakeholders
- Improves student learning
- Allows for data-driven decision making
- Supports resource advocacy and allocation
- Demonstrates commitment to continuous improvement

Schuh, 2013
Recommendation 1: Use the results of its program and general education assessments to inform academic and learning-support planning and practices to continuously improve student learning outcomes. (2020 Standard(s) 1.C.7)

https://www.uidaho.edu/provost/ir/assessment-evaluation/accreditation
Continuous Improvement cycle

Plan
Document foundational framework (mission, goals, outcomes, etc.) and plan to assess

Do
Gather and document assessment results and evidence

Check
Analyze and interpret results; make recommendations for improvement

Act
Close the loop on impact of actions taken to drive continuous improvement
The value of Anthology Outcomes

- Customizable data collection templates
- Visualizations of outcomes data aggregated to one results scale
- Management and analysis of outcomes at multiple levels
- Integrations with Anthology Planning
- Integrations with LMS and Anthology Rubrics
Blooms Taxonomy of Educational Objectives
The Value of the Anthology Outcomes/Canvas Integration

✓ Removes duplicate reporting for faculty

✓ Seamless integration experience

✓ Aggregated data without the need to manually enter individual student results in Outcomes
Canvas/Outcomes Integration Requirements

- PLO connected and assigned down to the course in Outcomes
- At least Creator permission-level to the course in Outcomes

- Course must have at least one outcome that has been assessed on at least one assignment to be available for import
- One of these course-level roles in the course(s):
  - Student
  - Teacher
  - TA
  - Designer
  - Observer
Which assignments are the best representation of student learning in your course?

<table>
<thead>
<tr>
<th>Program Learning Outcome Name</th>
<th>Course Learning Outcome Statement</th>
<th>Assignment 1</th>
<th>Assignment 2</th>
<th>Assignment 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLO 1. Oral Communication</td>
<td>CLO 1. Upon completing BUS 301, students will employ effective oral and written communication methods.</td>
<td>Midterm Group Project- Importance of Communication</td>
<td>Final Presentation- Making a Persuasive Argument</td>
<td>Final Assignment - Business Email</td>
</tr>
</tbody>
</table>
Collecting Good Data

How could these results be used?

How is this important to course/program outcomes and goals?

How would department chairs take action on this data?
The Canvas/Outcomes Integration
Outcomes View Modes

Full-site View

Faculty Results Center

Submit Your Assessment Results

Academic Year 2020-2021, Spring 2021 (change)
University of Idaho

Academic Year 2022-2023

1. Learn and Integrate
Through independent learning and collaborative study, attain, use, and develop knowledge in the arts, humanities, specialization and the ability to integrate information across disciplines.
- Uncategorized

2. Think and Create
Use multiple thinking strategies to examine real-world issues, explore creative avenues of expression, solve problems.
- Uncategorized

3. Communicate
Acquire, articulate, create and convey intended meaning using verbal and non-verbal method of communication that complex society.
- Uncategorized

4. Clarify Purpose and Perspective
Explore one’s life purpose and meaning through transformational experiences that foster an understanding of self.
- Uncategorized

5. Practice Citizenship
Simplifying Data Collection: **Entering Data at the Course Level**
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![Image of data collection interface](image_url)

### Add Assessments from your LMS

<table>
<thead>
<tr>
<th>Course</th>
<th>Assignments Selected</th>
<th>Outcome(s) Selected</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAAS 2000: Section 1</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Art 101: Art 101 - Section 001</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>CHEM 2231: Organic Chemistry 1 with Lab</td>
<td></td>
<td>0</td>
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<tr>
<td>CHEM 319: Physical Chemistry Lecture I</td>
<td></td>
<td>0</td>
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<tr>
<td>CHEM 414: Instrumental Analysis Lab</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>CS 101: Computer Science 101</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>HUM 102: Introduction to Post-Modern Culture</td>
<td></td>
<td>0</td>
</tr>
</tbody>
</table>

0 outcomes selected from 0 courses
Aggregated Visualizations of Outcome Results at the Course Level
Analyzing Your Course-Level Results

• Where did you see strong performance in student learning?

• Where did you see gaps in student learning?

• What recommendations would you make for the future?
  • Should new activities or content be introduced into the course?
  • Should different assignments be used to assess this outcome?
What recommendations would you make for this course?

- Continue the business email assignment
- Add active learning activities and another presentation to increase oral communication skills
- Add an Interviewing a Business Professional assignment to your list of assignments for this outcome
Outcome Results by Course and Aggregated at the Program Level
Tips & Tricks

• Static integration
• Results can be edited after initial import
• Site-wide and unit-specific template customization available
• Results will automatically categorize into site-wide results scale
• Users will have to verify Canvas credentials when selecting the LMS import option for the first time
How Faculty Can Prepare for the Outcomes/Canvas Integration:

1. Connect with your department chair/coordinator to ensure that PLOs are assigned to your course(s) in Outcomes
2. Identify which assignments are the best representation of the learning outcome(s)
3. Link the assignment rubric or test bank to the Canvas outcome
4. At the end of the term, grade the assignment connected to the outcome in Canvas
5. At the end of the term, enter Outcomes data at the course level using the Canvas LMS integration
To work toward **continuous improvement**, comply with **accreditation requirements**, and **improve student learning**, institutions must assess student learning outcomes.

Anthology Outcomes provides a **streamlined process** for entering course-level data already collected in Canvas through the **Canvas LMS integration**.

**Aggregated data** shows **evidence of student learning** at multiple levels so that **action** can be taken.