Learning Outcomes Assessment
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Learning Outcomes Analysts

### Learning Outcomes Timeline

<table>
<thead>
<tr>
<th>Date</th>
<th>Task</th>
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<tbody>
<tr>
<td>August 1</td>
<td>Select learning outcomes &amp; assessment methods for measuring them</td>
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<tr>
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<td>for the current academic year</td>
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<tr>
<td>September 1</td>
<td>Submit learning outcomes with assessment methods identified</td>
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<tr>
<td>September-May</td>
<td>Collect learning outcomes data</td>
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<td>using the assessment methods identified in August/September</td>
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<tr>
<td>June 1</td>
<td>Review and analyze data and begin using findings to close the loop.</td>
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<tr>
<td>July 15</td>
<td>Submit the data collected in September - May. Report on actions taken to close the loop.</td>
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### Learning Outcomes: Who, What, & How

#### Who?
- Academic Programs and Co-curricular Programs at Purdue create and assess learning outcomes. The learning outcome analysts work with practitioners from these areas to ensure that the outcomes and assessment methods used to measure them are of the highest quality.

#### What?
- Learning outcomes are specific and measurable statements of the knowledge, skills, attitudes, and/or abilities learners will gain as the result of participating in curricular or co-curricular learning experience.

#### How?
- Learning outcomes are tracked through TracDat. TracDat is a flexible software system that helps institutions align planning initiatives, review and reflect on academic and non-academic outcomes, and take action to improve performance.

#### Why?
- Analyzing learning outcomes data allows educators to identify strengths and weaknesses of their learning experiences to ensure that they are providing students with the best learning experience possible.

### Proper Learning Outcomes Format

#### Learning Outcome Components
- **Audience**: Who will be doing the behavior?
- **Behavior**: What should the audience know or be able to do?
- **Condition**: Under what conditions does the audience demonstrate their command of the behavior? Test? Observation? Self report?
- **Degree**: At what level of proficiency must the audience demonstrate the behavior? What percentage of the audience must perform at that level?

#### Sample Learning Outcome
- 70% of Math 101 students will demonstrate proficiency with basic mathematic operations, such as addition, subtraction, multiplication, and division as evidenced by a score of 100% on the basic math skills inventory.

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