

Adding Measures to an Outcome



Note: These instructions will provide information related to how assessment measures can be added to outcomes. If the measure is to be used in a past assessment cycle (academic year) will need to be added a different way. Reach out to the course instructor if this is the case for you.

A Measure is the practical method by which an outcome will be assessed. For instance, a Learning Outcome may be concerned with students' written communication skills. In this case, an essay assignment might serve as the Measure by which the organization will indicate progress against this outcome.

There are two areas in Planning & Self Study where Measures may be created against an Outcome:

- In the Curriculum Map (**recommended for this module**)
- In the Outcomes area

These methods are described individually below.

Creating Measures in the Curriculum Map

Measures can be created directly in the Curriculum Map, and will be pulled into any Plans where the selected outcome is in use. Because the Curriculum Map displays the relationship between Outcomes and Courses, only course-based Measures can be created in this way.

To create a Measure in the Curriculum Map, a Contributor would select "Enter Program" to the right of the Program name on their homepage.

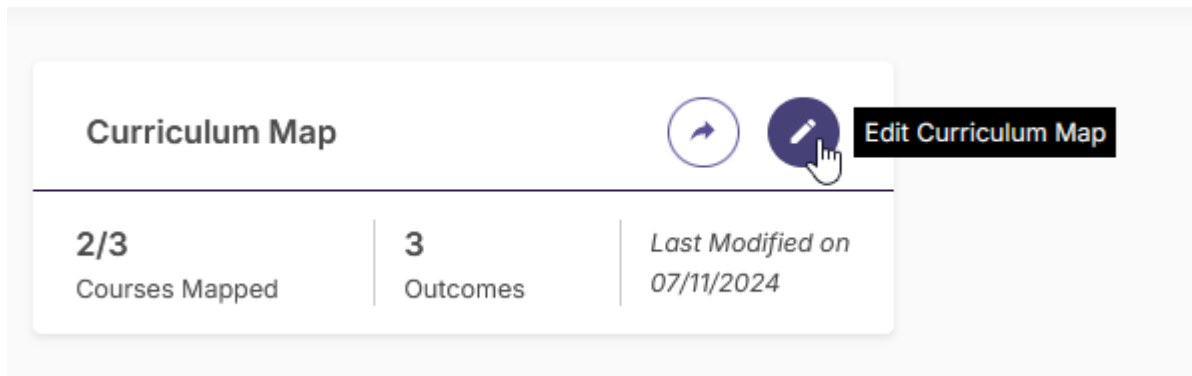


On the following screen, the user would select "Curriculum" on the left-hand menu.

If the Curriculum Map has not yet been created, please see the resource below for information on creating the map:

How to Create and Edit Curriculum Maps

If the Curriculum Map has already been created, select the pencil icon to the right of Curriculum Map:



This will produce the full Curriculum Map. Select the icons where the required Outcome and Course meets. For example, if a user wanted to create a Measure of the "Apply Mathematical Principles" outcome, tied to Course "MECH 102", they would click here:

UPDATE CURRICULUM MAP			
B.S. Mechanical Engineering			
Outcomes	Courses		
B.S. Mechanical Engineering Learning Outcomes	MECH 1...	MECH 102	MECH 103
LO1: Apply Mathematical Principles Students demonstrate an ability to properly apply relevant mathematic and scientific principles of engineering.	A	A Align	+
LO2: Problem Solving Students demonstrate an ability to identify and solve a variety of engineering problems.	+	A	+
LO3: Understanding Global and Societal Impact Students demonstrate an understanding of the impact of engineering solutions in a global and societal context.	+	+	+

This will produce a fly-out on the right-side of the screen, where the Course/Outcome alignment is documented. Beneath these areas, there will be an option to "Add Measure."

OUTCOME:
LO1: Apply Mathematical Principles
Students demonstrate an ability to properly apply relevant mathematic and scientific principles of engineering.

MAP TO:
MECH 102

Alignment YES

Introduce

Reinforce

Master

Measures ADD MEASURE

Add measures to demonstrate assessment activities in a course.

As certain data points are already established, such as the relevant Outcome and Course, the Measure creation panel is more streamlined here than in the Plan.

× **Add Measure for LO1: Apply Mathematical Principles** ADD

Course: MECH 102: Classical Mechanics II

Definition
Details of the measure activity

Method
Select Measure Method

Title*
Enter Measure Title

Target
Enter target or criteria of success for this measure

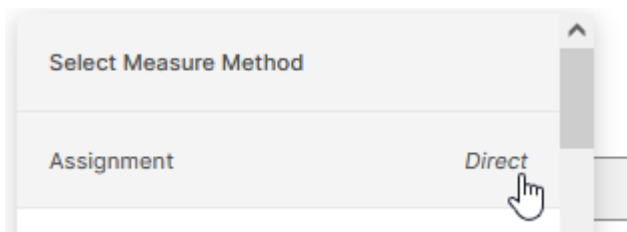
For example, 80% of the students will achieve a score of 3 or above.

Description

B i U FONT FAMILY [font settings icons]

Characters : 0/2000

Method: Use this dropdown to select whether the Measure is Direct or Indirect, with the most appropriate subtype. An example would be a Direct Measure with a subtype of "Assignment".



Title [required]: Enter the title or name of the Measure. (e.g., Final Project MECH 102)

Target: Enter the target or criteria of success for the Measure, e.g. "80% of the student will achieve a score of 3 or above."

For the Assessment Essentials course Module 4 assignment, you will not have to include a Target. This step will be completed during Module 5.

Description: Enter a brief description of the Measure activity. This should include how the assignment aligns with the learning outcome, how the measure will be assessed, and any other relevant information to provide additional context.

Once finished, select "Add" in the upper right-hand corner of the page.



Once the Measure is created, it will appear on the fly-out for this Course-Outcome alignment, along with any other Measures that have already been created for this pairing. The associated Plans that the Measures have been added to will be listed under the Reference column.

Measures

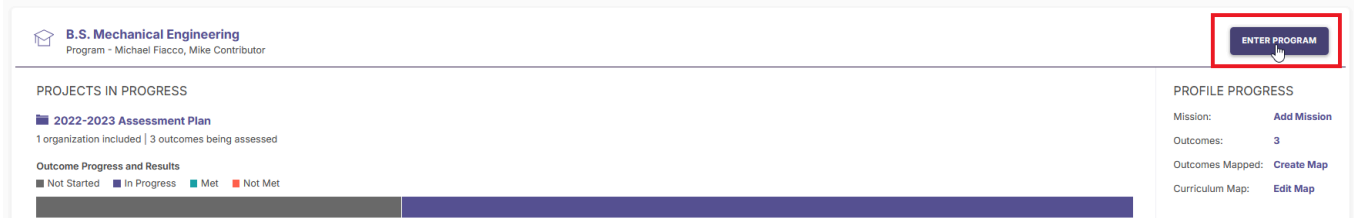
Add measures to demonstrate assessment activities in a course.

[+ ADD MEASURE](#)

TITLE	METHOD	REFERENCE
Essay on Mechanical Principles	Assignment	2022-2023 Assessment Plan, 2023-2024 Academic Plan
Robotics Presentation	Presentation	2022-2023 Assessment Plan, 2023-2024 Academic Plan

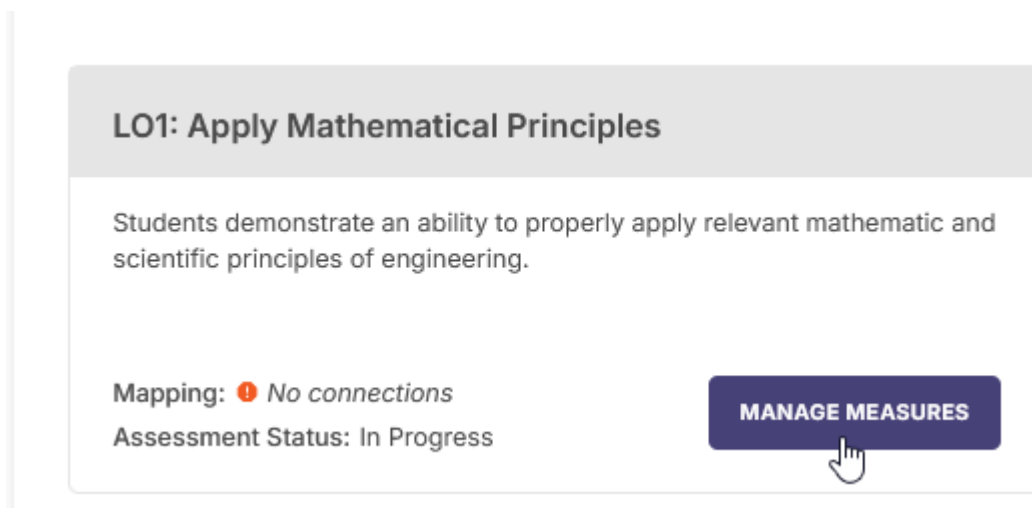
Creating Measures in the Outcomes Area

A general user, or Lead, would locate the Organization they are adding Measures for on their homepage, and select "Enter Program".



This will bring the user into the Organizational area, where they would select the Program Information tab. (Note: The name of this tab may vary. If the Organization is a Department, it would say "Department Information" for example).

On the page that appears, the Outcomes area is located at center screen. Beneath each individual Outcome is an icon to "Manage Measures".



Selecting this will produce a page where all Measures that have already been created against the Measure will be listed. To create a new Measure, select "Create New Measure".

Manage Measures

Add measures to demonstrate assessment activities and provide evidence of student learning.

LO1: Apply Mathematical Principles Measures

CREATE NEW MEASURE

Essay Assignment

Presentation

- The presentation starts with the motivating problem for the research and why it's being...
...Read More

This will produce the screen as shown below. Fill out all required fields and any relevant optional fields, and hit "Create Measure" in the top-right to finalize the addition.

Title*

Enter a title for the measure

0/100

Method

Select Method

Description

B *i* U FONT FAMILY ▾ ¶ ▮ ▮ ▮ ▮ ▮ ▮ ▮ ▮ ▮ ▮ ▮ ▮

Characters : 0/2000

Outcome

LO1: Apply Mathematical Principles

Program

B.S. Mechanical Engineering

Course*

Select a course for this meas...

This is a non-course based measure

Target

Enter the target or criteria of success for this measure

For example, 80% of the students will achieve a score of 3 or above.

Attachments

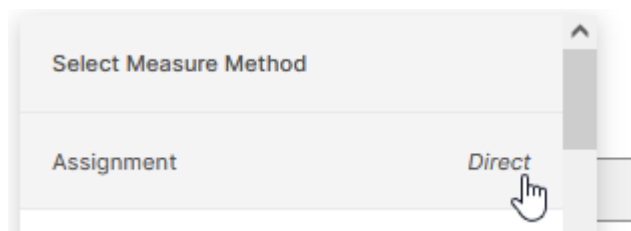
ATTACH FILES

0 of 5 Files

Maximum file size 100 MB

Accepted file types: .pdf, .txt, .log, .xml, .doc, .docx, .xls, .xlsx, .ppt, .pptx, .gif, .jpg, .jpeg, .png, .csv

Method: Use this dropdown to select whether the Measure is Direct or Indirect, with the most appropriate subtype. An example would be a Direct Measure with a subtype of "Assignment".



Course [required]: If a Measure is collected from a Course in the Program's curriculum, this field will be used to identify that Course. The dropdown menu will produce Courses to select. If the Course does not appear on this list, it will need to be affiliated to the Program. [Contact your course instructor if a course is missing.](#)

If a Measure is not collected from a particular Course, select the box next to "This is a non-course based measure".

Title [required]: Enter the title or name of the Measure.

Results Collection / Align Results: [Skip this section for now.](#)

Target: [Skip this section for now.](#) This step will be completed in Module 5.

Description: Enter a brief description of the Measure activity. This should include how the assignment aligns with the learning outcome, how the measure will be assessed, and any other relevant information to provide additional context.

Attach Description Documents [optional]: Upload up to 5 files that provide more details about the Measure activity.

Once finished, select "Add" in the upper right-hand corner of the page.



A prompt will appear asking whether Results are ready to be entered. **Select "No, Continue Later"**. This will return the user to the Plan page where more Measures can be added.

Selecting "Yes, Manage Results Now" will present the user with the appropriate screen for adding assessment results and findings. [We will enter results in Module 6.](#)