

CREATING CUSTOM OBJECTIVES

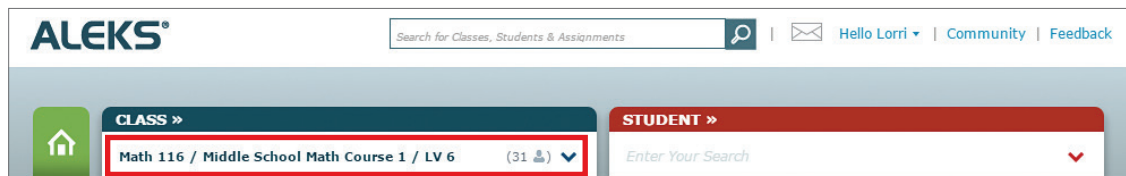
The Objectives / Modules feature allows you to direct student learning. With this feature, you can create custom Objectives or Modules based on specific curriculum plans, such as textbooks, pacing guides, and syllabi. Completion dates or mastery levels may be assigned to custom Objectives.

About Selecting Topics

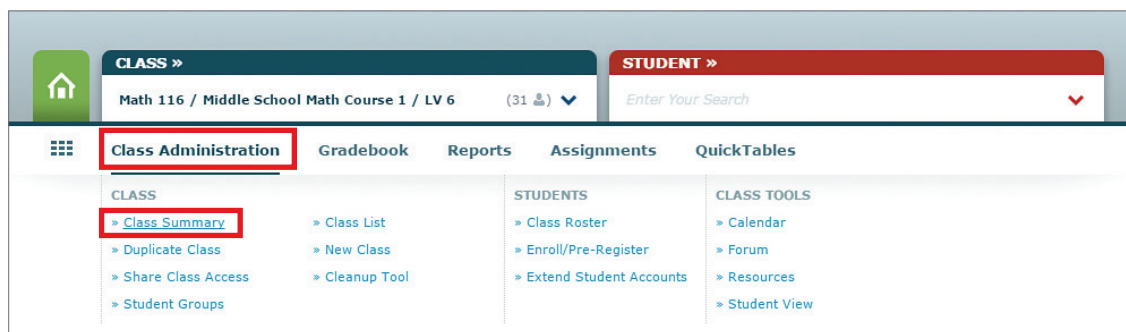
When creating Objectives, you will be able to select topics from the entire *ALEKS* class. However, *ALEKS* will automatically include the prerequisite material required to learn each topic in an Objective. Therefore, students who have not mastered prerequisite material required to learn a topic successfully will be required to learn this material before being able to access that topic in the Objective. Similarly, students who are ready to learn topics that are not part of the current Objective will not see those topics until they reach the Objectives in which those topics have been placed.

Follow these steps to create custom Objectives:

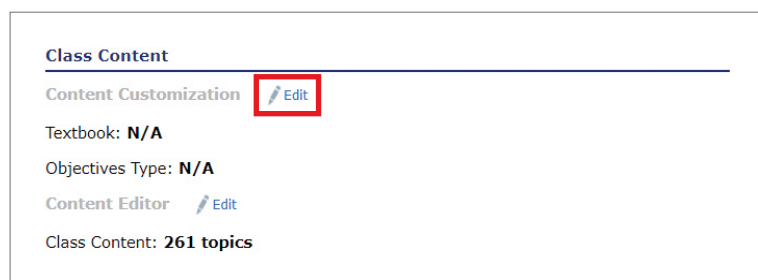
1. Select the class you want to customize from the **Class** drop-down menu.



2. Hover over **Class Administration** and select **Class Summary**.



3. Under **Class Content**, click **Edit** to access **Content Customization**.



4. Textbook Integration:

Select **No, do not integrate textbook**.

For more information about integrating textbook content, see the **Customizing with Textbook** or **ALEKS Curriculum Integration and Objectives** guide.

1. Textbook Integration

With Textbook Integration, ALEKS automatically places chapter and section references on the ALEKS explanation pages, so your students can look up parallel material in their textbook as needed.

Do you want to integrate a textbook?

☒ No, do not integrate textbook

☐ Yes, integrate textbook

5. Objectives / Modules:

a. Select **Yes, I will use Objectives / Modules**.

b. Choose **Objectives / Modules with due dates** or **Objectives / Modules without due dates**.

2. Set Objectives / Modules

Objectives or Modules allow you to segment class content in the ALEKS Pie so students work on that content by a certain due date.

a **Do you plan to use Objectives / Modules?**

☒ Yes, I will use Objectives / Modules

b **Objective / Module Due Dates**

☐ Objectives / Modules with due dates:
Each Objective must be completed by its due date.

☐ Objectives / Modules without due dates:
All Objectives are due by a single end date; students move to the next Objective after they meet the progress requirement for the current Objective. This is ideal for a self-paced implementation model.

☐ No, I will not use Objectives / Modules

6. Click **Continue**.

7. Click **+ New Custom Objective**.

Objective	Progress Level

+ New Custom Objective

Objective	Start Date	Due Date

+ New Custom Objective

Add custom Objectives without due dates

Add custom Objectives with due dates

8. Edit the Objective:

- a. Name the **Custom Objective**.
- b. Expand the content and check or uncheck the boxes next to the topics, sub-topics, and problem types you wish to add to or remove from your Objective.
- c. To see a sample question for a topic, double-click a topic and an example will appear in a pop-up window.
- d. A toggle at the top allows you to switch between viewing a **Problem**, its **Explanation**, and for certain topics, **Another Explanation**. Selecting **Show Another** generates a new problem instance of the same topic.



9. Select **Done**.

Edit Objective

The checked chapters, sections and topics represent the goal topics of this Objective. You can include additional content in this Objective by selecting additional topics and sections.

To remove content from this Objective, deselect the sections and topics.

Legend

-  Accessible Topic.
-  Topic is in more than one chapter.

(Required) Custom Objective Name: 25 characters max

a

You have selected **536 goal topics** out of **1217** available.

Reset Changes

- ☒ Whole Numbers and Integers
- ☐ Fractions
- ☒ Decimals
- ☒ Ratios, Proportions, and Measurement
- ☐ Percents
- ☒ Equations and Inequalities
- ☐ Graphs, Functions, and Sequences
- ☐ Ordered Pairs
- ☒ Reading a point in quadrant 1
- ☒ Plotting a point in quadrant 1
- ☒ Reading a point in the coordinate plane
- ☐ Plotting a point in the coordinate plane
- ☒ Plotting a point in quadrant 1: Mixed number coordinates

Done

Cancel

Problem Explanation Another Explanation **Show Another**

d

Plotting a point in quadrant 1

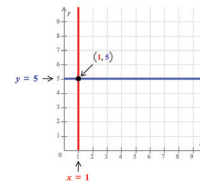
QUESTION

Using the pencil, plot the point $(1, 5)$.

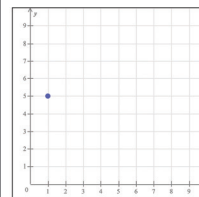
 EXPLANATION

The point $(1, 5)$ has **x-coordinate 1** and **y-coordinate 5**.

So $(1, 5)$ is at the intersection of $x=1$ and $y=5$.



 ANSWER




Using Objectives without Due Dates

When using the Objectives without Due Dates option, all Objectives are due by a single due date; students move to the next Objective after they meet the progress level for the current one. You set the progress level for the completion of each Objective. Students must complete a certain percentage of each Objective's topics, as specified in the Progress Level, before advancing to the next one.

1. Adjust the Objectives as needed:
 - a. Drag and drop Objectives to reorder them the way you wish to cover them.
 - b. Enter the **Progress Level** requirement for each Objective.
 - c. For each Objective, you can choose whether or not students have to take a **Post Objective Knowledge Check** when they meet the Progress Level requirement for that Objective. After students take this Knowledge Check, *ALEKS* may ask them to review a few topics to strengthen their skills and prepare them for future Objectives. (These Knowledge Checks will be in addition to the usual Progress Knowledge Checks, which are triggered automatically based on time spent working within *ALEKS* and topics learned.)
 - d. You can click **Switch to Objectives with Due Dates** if you wish to change the overall completion requirements from Progress Level to assigned Due Date for each Objective (or vice versa if you started with Objectives with Due Dates).
2. Add as many additional new Objectives as necessary to cover the entire course.

[Switch to Objectives with Due Dates](#) d

Objective	Progress Level	Post Objective Knowledge Check	Order
<input type="checkbox"/> Course Readiness Edit (147 goal topics)	b <input type="text" value="90"/> %	c <input checked="" type="checkbox"/>	▲▼
<input checked="" type="checkbox"/> Module 1 Edit (19 goal topics)	<input type="text" value="90"/> %	<input checked="" type="checkbox"/>	▲▼
<input checked="" type="checkbox"/> Module 2 Edit (22 goal topics)	<input type="text" value="90"/> %	<input checked="" type="checkbox"/>	▲▼
<input checked="" type="checkbox"/> Module 3 Edit (20 goal topics)	<input type="text" value="90"/> %	<input checked="" type="checkbox"/>	▲▼
<input checked="" type="checkbox"/> Module 4 Edit (30 goal topics)	<input type="text" value="90"/> %	<input checked="" type="checkbox"/>	▲▼
<input type="checkbox"/> Supplemental Topics on Graphs, Functions, and Sequences (not in textbook) Edit (0 goal topics)	<input type="text" value=""/> %	<input type="checkbox"/>	▲▼
<input type="checkbox"/> Supplemental Topics on Measurement (not in textbook) Edit (0 goal topics)	<input type="text" value=""/> %	<input type="checkbox"/>	▲▼

a 

[+ New Custom Objective](#)

3. Select your Final Due Date.
4. When all desired Objectives are set and organized the way you want to cover them, click **Continue**.

Final Due Date

Please select the final day that students can complete these Objectives.
(After that day, the scores for all Objectives will be sent to the gradebook.)

Month Day Year

Mar

4

2021

[Back](#) Continue [Cancel](#) [Save for Later](#)

Using Objectives with Due Dates

When using the Objectives with Due Dates option, each Objective must be completed by its due date. Objective completion dates (or due dates) may be assigned to each Objective. Chapter Objectives do not have to be in chronological order. Multiple Objectives can share the same due dates. When students complete Objectives early, you can allow them to move on to a broader range of Ready to Learn topics (the default), or you can have them move to the next Objective only.

1. Adjust the Objectives as needed (similar to the steps on the previous page):
 - a. Drag and drop Objectives to reorder them.
 - b. Set the **Start Date** and **Due Date** for each Objective. Once you populate a due date, the next Objective's start date will automatically populate as the following day.
 - c. For each Objective, you can choose whether or not students have to take a **Post Objective Knowledge Check** when they complete the Objective before the due date.
 - d. You can click **Switch to Objectives without Due Dates**.

Objective	Start Date	Due Date	Post Objective Knowledge Check	Order
<input type="checkbox"/> Course Readiness Edit (147 goal topics)	10/16/2020 12:00 AM	03/04/2021 11:59 PM	<input checked="" type="checkbox"/>	1
<input checked="" type="checkbox"/> Module 1 Edit (19 goal topics)	10/16/2020 12:00 AM	03/04/2021 11:59 PM	<input checked="" type="checkbox"/>	2
<input checked="" type="checkbox"/> Module 2 Edit (22 goal topics)	10/16/2020 12:00 AM	03/04/2021 11:59 PM	<input checked="" type="checkbox"/>	3
<input type="checkbox"/> Supplemental Topics on Measurement (not in textbook) Edit (0 goal topics)			<input type="checkbox"/>	4

[+ New Custom Objective](#)

[Switch to Objectives without Due Dates](#)

2. Add as many additional new Objectives as necessary to cover the entire course, then select one of the following:
 - a. **Open Next Objective:** Allow students to only work on the next Objective when they complete Objectives before the assigned due date.
 - b. **Open All Objectives (Default Setting):** If students complete an Objective before the assigned due date, they have the option to work on any Objective (Open Pie) until the start of the next one. Students can choose to work on Ready to Learn topics in future Objectives or return to previous Objectives to work on topics they did not learn or may have lost during a Knowledge Check. Open Pie ends when the next Objective starts, at which point students can only work on topics from the current Objective. If students do not complete an Objective before the assigned due date, they will move on to the next one. However, any unlearned prerequisite material will be carried into subsequent Objectives.

If students finish an Objective before the Objective due date: ⓘ

☐ Open Next Objective
Move students to the next Objective.

☒ Open All Objectives
Students have the option to work on Ready to Learn topics in any Objective (Open Pie) until the next Objective begins.

3. When all desired Objectives are set and organized the way you want to cover them, click **Continue**.

[Back](#) [Continue](#) [Cancel](#) [Save for Later](#)

The Topic Recommendation (TREC)

The Topic Recommendation (TREC) tool may appear after you have chosen your desired class content. This means that there are appropriate prerequisite topics recommended for optimal student learning in your course. The TREC tool provides you with an easy way to add those prerequisite topics to your class.

Which recommendation should I choose?

Recommended
This option provides the recommended prerequisite topics that support instructional scaffolding and optimal learning. Use this with most typical classes that have some students who need additional review.

Minimum
This option provides the minimum number of prerequisite topics required for students to complete goal topics. Use this if you feel confident that your class already has enough low-level prerequisite topics.

No Prerequisites
With this option no prerequisites will be in your class. Use this if you feel confident that your class is complete as is.

Carefully consider whether to accept the recommended topics. After making your selection, click **Continue**.

Your Class Topics
Goal Topics + Prerequisite Topics = **Total Topics**
128 8 136

Prerequisite Topics
Checked topics are added as prerequisites and do not count toward Objective grades. If the gradebook is enabled, prerequisite topics are NOT calculated in the gradebook.
☐ Change all prerequisite topics to goal topics
Select **Details** to see how a topic relates to other topics.
Select **Options** to change a prerequisite to a goal topic.

Module #1 (6 prerequisites)
Whole number place value: Problem type 1
[Details](#) [Options](#)
Adding 2-digit numbers with regrouping a hundred
[Details](#) [Options](#)
Adding 3 or 4 numbers with two-digits with regrouping
[Details](#) [Options](#)
Subtraction of 2-digit numbers with regrouping
[Details](#) [Options](#)
Subtraction with multiple regrouping steps involving 3-digit numbers
[Details](#) [Options](#)

[Back](#) [Continue](#) [Cancel](#)

Which should I choose?

Recommended Minimum No Prerequisites

☒ ☐ ☐

8 Topics 6 Topics 0 Topics

Update Your Class
(8) Topics
[Continue](#)
[Back](#)

[Save for Later](#)

If you selected an optimal mix of class content with supporting prerequisite topics, the TREC tool will automatically be skipped.

4. Click **Save** or choose to **Save for Later**.

[Back](#) [Save](#) [Cancel](#) [Save for Later](#)

After all of your custom Objectives have been created and saved, your students can begin working in the custom ALEKS class.

PRO TIP: If you need multiple versions of the *same* class, follow these steps to duplicate your class to eliminate the need to edit your classes individually.

1. Finish all customization.
2. If you want other instructors to be able to copy the class you're duplicating, first go to **Class Administration** and select **Class Summary**. Click **Edit** under **Class Duplicate Settings** to confirm that your class status is set to Public and all the settings you want to be duplicated are selected.
3. Hover over **Class Administration** and select **Duplicate Class**.