

ALEKS

ALEKS Pie Report (Class Level)

The ALEKS Pie Report at the class level shows average learning rates and detailed views of what students have mastered, not mastered, and are ready to learn.

The most effective use of this report is determining where students are in the course, specifically what topics they have mastered, not mastered, and are ready to learn. Instructors can use this information to plan classroom instruction, group students based on knowledge and level of readiness, and communicate directly with each group. For example, if the instructor clicks on a topic that a group of students is ready to learn, the instructor can send them a message from the ALEKS Message Center directly from the report.

Basic Instructor Module

To view the report, instructors must first select the course they would like to view, select the **Reports** tab, and then click on the **Class** link below the **ALEKS Pie** icon.

The screenshot shows the ALEKS Instructor Module interface for Course 109 / Financial Accounting (Corporation). The 'Reports' tab is selected. The 'ALEKS Pie' report is highlighted with a red box. The interface includes navigation tabs (Home, Reports, Gradebook, Homework, Quizzes, Tests, Assessments, Worksheets) and various data visualizations like Progress Bar, Time & Topic, Knowledge Per Slice, Assignments, and Custom Reports. The ALEKS Pie report shows a pie chart with segments for Mastered, Ready to Learn, and Not Mastered. The Progress Bar shows learning rates for Class and Individual. The Time & Topic report shows a clock icon. The Knowledge Per Slice report shows a green slice. The Assignments report shows a document icon with a red checkmark. The Custom Reports report shows a gear icon. The interface also includes a course calendar for January 22, 2014, and a list of upcoming due dates.

Advanced Instructor Module

To view the report, instructors must first select the course they would like to view, select the **Reports** tab, and then click on the **ALEKS Pie** icon.

The screenshot shows the ALEKS Instructor Module interface for Course 109 / Financial Accounting (Corporation). The 'Reports' tab is selected. The 'ALEKS Pie' icon is highlighted with a red box. The interface includes navigation tabs (Home, Reports, Gradebook, Homework, Quizzes, Tests, Assessments, Worksheets) and various data visualizations like Progress Bar, Time & Topic, Knowledge per Slice, Assignments, and Custom Reports. The interface also includes a list of courses and a list of users.

NOTE: This report shows data for students who have taken an ALEKS Initial Assessment. Students who have not taken an initial assessment will not be shown in the live report but they will be shown in the Excel spreadsheet download.

The pie chart at the top of the report identifies the average progress toward completion of the course; when Objectives or Modules are used, white dots show progress toward completion of the current objective. Complete details on which topics students have mastered, not mastered, and are ready to learn in the course are available in the section below the pie chart (see image on next page).

If an instructor is using textbook integration, Objectives, or Modules in the course, an **Objectives** tab will appear (becomes the default view). Instructors can change the view by toggling between the **ALEKS Table of Contents** tab and the **Objectives** tab.

Number of Students: 32

This report shows data for 32 students who have taken an initial assessment. [?](#)

Show:

[Download Excel Spreadsheet](#) [?](#)
[Download Excel Spreadsheet \(Pie sub-slice\)](#) [?](#)

Course Mastery
(111 of 167 topics)

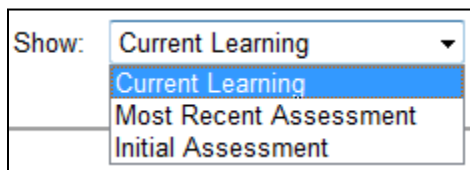
ALEKS Table of Contents

View Course Content by ALEKS Table of Contents
NOTE: The Mastered and Not Mastered columns add up to 100%. [View All Topics / Hide All Topics](#) [?](#)

Accounting Cycle	<u>100% Mastered</u>
Cash and Cash Equivalent	<u>70% Mastered</u>
Merchandising and Inventory	<u>99% Mastered</u>
Receivables	<u>93% Mastered</u>
Property, Plant, and Equipment	<u>77% Mastered</u>

Determining the Cost of Plant Assets (97% Mastered)	Mastered	Not Mastered	Ready to Learn
Acquisition of an asset	100%	0%	0%
Revenue versus capital expenditures	97%	3%	3%
Revenue versus capital expenditures: Journal entry	94%	6%	6%

Instructors can use the **Show** drop-down to filter the report by **Current Learning**, **Most Recent Assessment**, or **Initial Assessment**.



If instructors click on a topic name, a sample problem for that topic will be generated to preview. Each time a topic name is clicked, a new instance of the problem will be generated.

Determining the Cost of Plant Assets (97% Mastered)	Mastered	Not Mastered	Ready to Learn
Acquisition of an asset	100%	0%	0%
Revenue versus capital expenditures	97%	3%	3%
Revenue versus capital expenditures: Journal entry	94%	6%	6%

These sample problems can be used as warm-up problems for students or as examples for group sessions and lectures. Instructors can click on the **Explain** button to see the tutorial and answer to the problem.

Revenue versus capital expenditures: Journal entry

On April 16, a day after paying its taxes, Bennett retrofitted its building for earthquake protection at a cost of \$69,000 cash. This will lengthen the useful life of the asset.

Required:

Prepare the journal entry on Bennett Company's records to record the cash transaction. (Ignore issues of materiality.)

[Explain](#)

A list of ALEKS topics along with the current percentage of mastery is provided. Instructors can view a percentage breakdown of students who have mastered, not mastered, or are ready to learn a topic by clicking on the percentage mastered link.

Property, Plant, and Equipment	77% Mastered		
Determining the Cost of Plant Assets (97% Mastered)	Mastered	Not Mastered	Ready to Learn
Acquisition of an asset	100%	0%	0%
Revenue versus capital expenditures	97%	3%	3%
Revenue versus capital expenditures: Journal entry	94%	6%	6%
Accounting for Depreciation (75% Mastered)			
Straight-line depreciation of asset purchased at beginning of year	97%	3%	3%
Double-declining-balance depreciation of asset purchased at beginning of year	94%	6%	6%
Straight-line depreciation of asset purchased during the year	72%	28%	25%
Units-of-production depreciation of asset purchased during the year	94%	6%	6%
Double-declining-balance depreciation of asset purchased during the year	69%	31%	25%
Revision of depreciation	25%	75%	47%

Instructors can view a list of students who have mastered, not mastered, or are ready to learn a topic by clicking on the percentage mastery link for that specific column.

Instructors can send a message to students that have mastered, not mastered, or are ready to learn a topic directly from the report. They can do this by clicking on the percentage mastery link in one of the three columns and selecting the **Send message to these students** link. The ALEKS Message Center will then open up with a blank message to the selected recipients (who are blind copied).

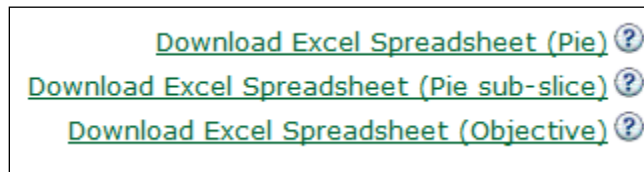
Property, Plant, and Equipment		77% Mastered		
Determining the Cost of Plant Assets (97% Mastered)		Mastered	Not Mastered	Ready to Learn
Acquisition of an asset		100%	0%	0%
Revenue versus capital expenditures		97%	3%	3%
Revenue versus capital expenditures: Journal entry		94%	6%	6%
2 students out of 32 (6%) are ready to learn this topic.				
<ul style="list-style-type: none">Anderson, David L.Hard, Daniel A.				
				Send message to these students
				Other topics (30) that these students are ready to learn

Instructors can also view additional topics that a group of students is ready to learn by clicking on the **Other topics that these students are ready to learn** link.

NOTE: This link only appears in the **Ready to Learn** column.

Downloading the Report as an Excel Spreadsheet

Instructors can download the ALEKS Pie Report to Excel using the **Download Excel Spreadsheet (Pie)** link. Instructors can also click on the **Download Excel Spreadsheet (Pie sub-slice)** link to download a report that displays each student's mastery and ready to learn topics down to the sub-slice level. If Objectives or Modules are used in the course, the **Download Excel Spreadsheet (Objective)** link will also be available.



In summary, the ALEKS Pie Report allows instructors to see the exact topics that students have mastered, not mastered, and are ready to learn. Instructors can then easily group students based on their prerequisite knowledge and direct instruction according to what students are ready to learn.