Introduction to ALEKS Reports

ALEKS offers a wide range of dynamic, automated reports that display individual student and class data in a variety of ways. Instructors and administrators can use these reports for a number of purposes, including tracking usage and progress, grading, attendance, and more. Reports can be viewed online, printed, or downloaded to an Excel spreadsheet.

The following reports are recommended for use on a regular basis. You can find a comprehensive overview of each of these reports provided in this document. Additional reports not covered here can also be used at any time throughout the course to help monitor and track student data.

1. **Learning Progress** tracks learning progress since the latest assessment
2. **Detailed Progress History** shows comprehensive student progress in a variety of display modes
3. **Average Pie Chart** shows average progress and groups students based on level of readiness
4. **Time and Topic** monitors daily student usage and progress at the topic level
5. **Knowledge Per Slice** shows each student's current mastery for each ALEKS pie slice in the course

For more information and training on ALEKS reports, please visit the ALEKS Training Center: http://www.aleks.com/highered/math/training_center or contact ALEKS Customer Support: http://support.aleks.com/.

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1. Learning Progress Report

Location in Basic Module: Select the Reports tab and then click on the “Learning progress since latest assessment” link. Or, you can select the “Learning Progress” shortcut on the home page.

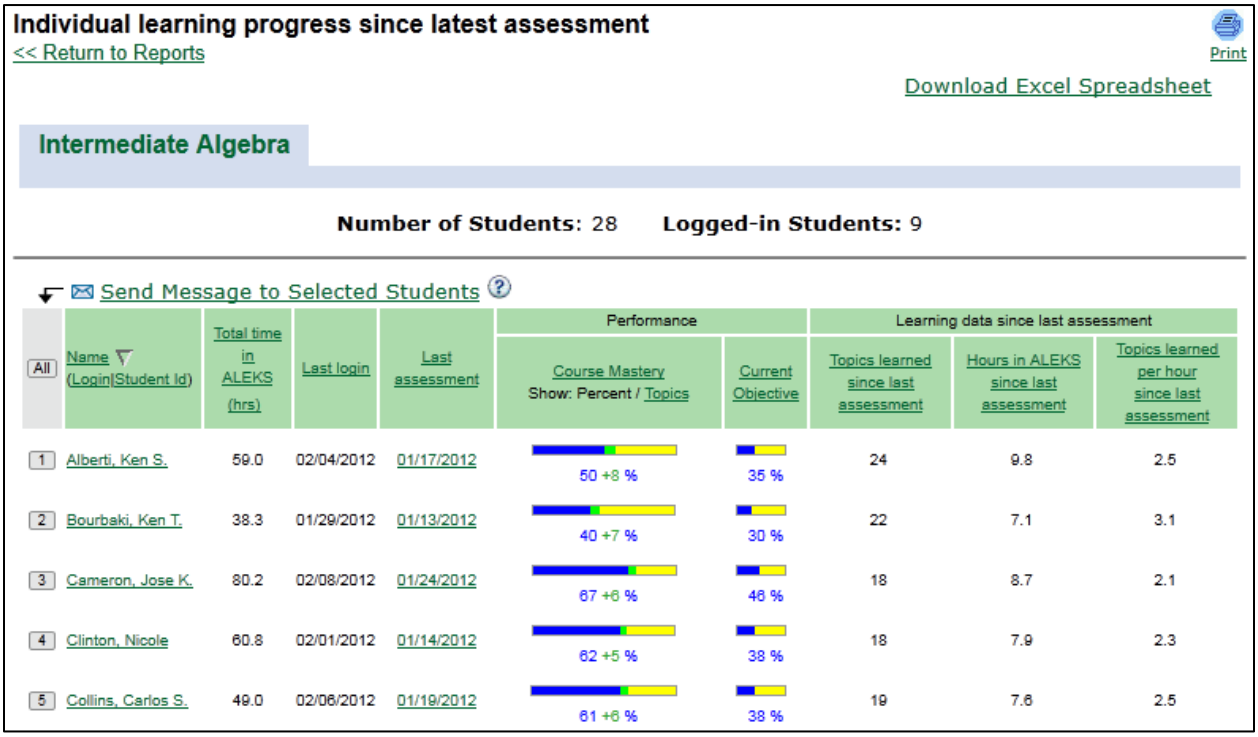
Location in Advanced Module: Select the “Progress Report” link on the Reports tab and then click on the “Progress in Learning Mode” link.

Description: This report shows each student’s learning progress since the latest assessment. It includes total hours spent in ALEKS, the last login date, the last assessment date, course performance displayed in a bar graph, and learning rates.

Purpose: There are several ways this report can be used, including:

- Identify which students are ahead, on pace, or behind in the course
- Determine learning rates to assign performance grades or for data tracking purposes
- Identify inconsistencies with student usage and progress (compare total time, course performance, and learning rates), which can help identify students needing individual instruction

Instructors can also send messages to selected students directly from this report. The number icons next to each student’s name give the position of that student in the sorted list. By sorting on a column and selecting the numbered icons, instructors can quickly send messages to groups of students that have high or low values for any column without losing their place in the report.



Individual learning progress since latest assessment

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Intermediate Algebra

Number of Students: 28 **Logged-in Students:** 9

Send Message to Selected Students

All	Name (Login|Student Id)	Total time in ALEKS (hrs)	Last login	Last assessment	Performance: Course Mastery Show: Percent / Topics	Performance: Current Objective	Learning data since last assessment: Topics learned since last assessment	Learning data since last assessment: Hours in ALEKS since last assessment	Learning data since last assessment: Topics learned per hour since last assessment
1	Alberti, Ken S.	59.0	02/04/2012	01/17/2012	50 +8 %	35 %	24	9.8	2.5
2	Bourbaki, Ken T.	38.3	01/29/2012	01/13/2012	40 +7 %	30 %	22	7.1	3.1
3	Cameron, Jose K.	80.2	02/08/2012	01/24/2012	67 +6 %	46 %	18	8.7	2.1
4	Clinton, Nicole	60.8	02/01/2012	01/14/2012	62 +5 %	38 %	18	7.9	2.3
5	Collins, Carlos S.	49.0	02/06/2012	01/19/2012	61 +6 %	38 %	19	7.6	2.5

The bar graphs in the “Performance” section divide progress into three colors: **blue** shows course mastery (result of the latest assessment), **green** shows progress made since the latest assessment, and **yellow** shows what is left to learn. The bar graphs in the “Course Mastery” column can display progress by percentage or by number of topics.

NOTE: If Intermediate Objectives (or Modules) are used in the course, the percentage of completion for the current objective is also displayed.

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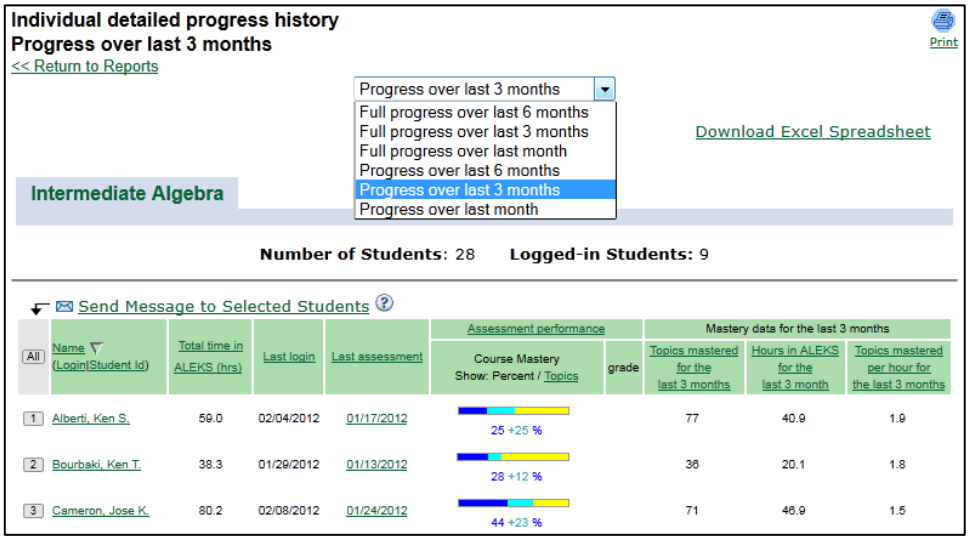
2. Detailed Progress History Report

Location in Basic Module: Select the Reports tab and then click on the “Detailed progress history” link. Or, you can select the “Detailed Learning Progress” shortcut on the home page. There are a variety of display modes available that show progress for specific time frames.

Location in Advanced Module: Select the “Progress Report” link or the “Full Progress” link on the Reports tab. There are a variety of display modes available that show progress for specific time frames.

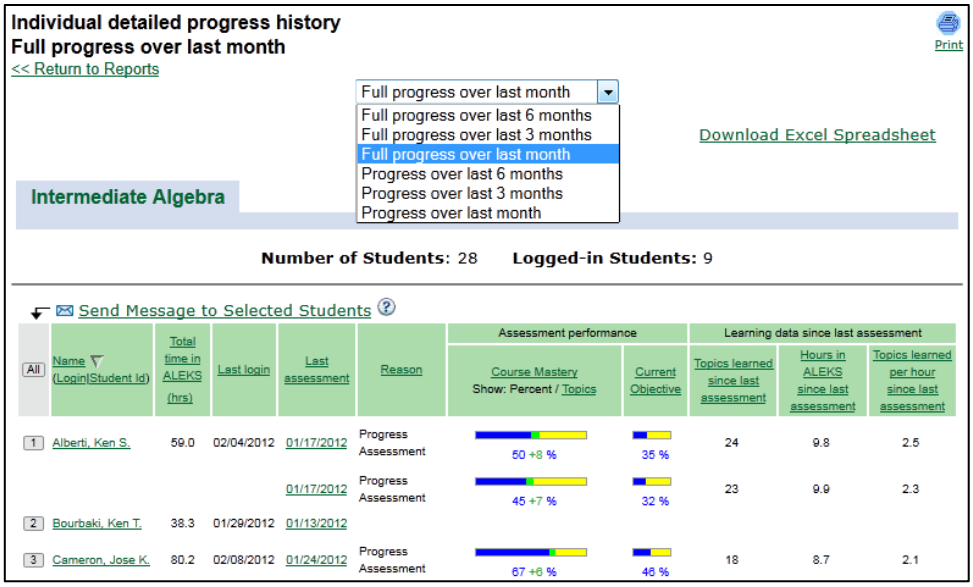
Description: This report shows comprehensive student progress in assessment and in Learning Mode within a selected period of time. Included are total hours in ALEKS, assessment and course performance, and learning rates.

Purpose: Because this report contains comprehensive data with many display modes, it can be used to compile and track extensive data of ALEKS usage, progress, and overall results in the course. Instructors can also send messages to selected students directly from this report. The number icons next to each student’s name give the position of that student in the sorted list. By sorting on a column and selecting the numbered icons, instructors can quickly send messages to groups of students that have high or low values for any column without losing their place in the report.



The display modes for Progress over the last month, 3 months, and 6 months divide course mastery into three colors:

- **Blue** shows course mastery at the start of the course (result of Initial Assessment)
- **Aqua** shows progress made between the first and latest assessment (add blue and aqua for total course mastery)
- **Yellow** shows what is left to learn



The display modes for Full progress over the last month, 3 months, and 6 months divide course mastery into three colors:

- **Blue** shows total course mastery (result of latest assessment)
- **Green** shows progress made since the latest assessment
- **Yellow** shows what is left to learn

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3. Average Pie Chart Report

Location in Basic Module: Select the Reports tab and then click on the “Average report (pie chart)” link.

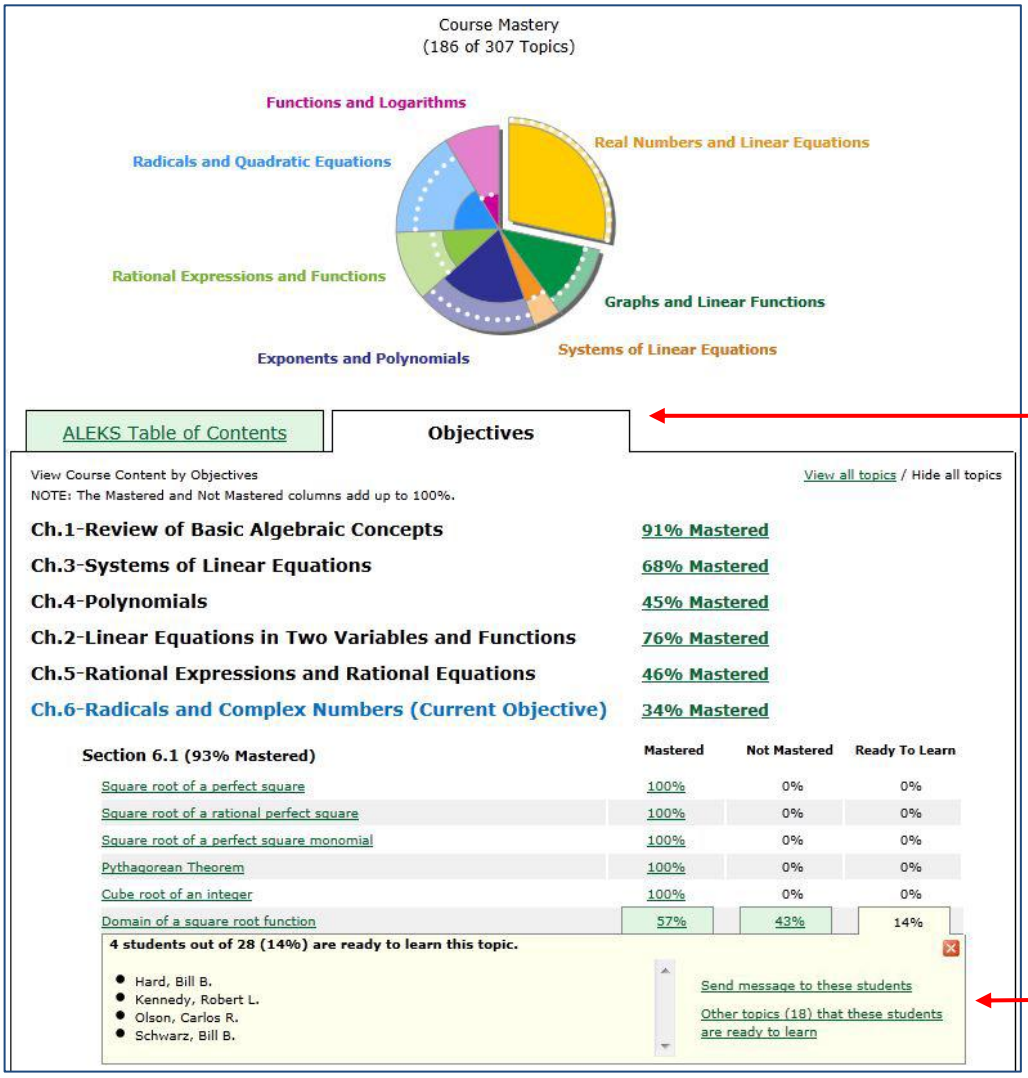
Location in Advanced Module: Select the “Pie Chart” link on the Reports tab.

Available Display Modes include:

- **Current Learning**: shows data based on most recent progress in Learning Mode
- **Most Recent Assessment**: shows data based on the most recent assessment results
- **Initial Assessment**: shows data based on the Initial Assessment results

Description: This report shows the average learning rates and a detailed view of the topics students have mastered, not mastered, and are ready to learn. The pie chart 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. Beneath the pie chart is a breakdown of course topics and the mastery percentage of each topic, which can be viewed by Objectives or ALEKS Table of Contents.

Purpose: 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 effectively plan classroom instruction, group students based on knowledge and level of readiness, and communicate directly with these groups.



ALEKS course topics are grouped by the ALEKS Table of Contents (pie slices) or course Objectives. Instructors can see the student mastery for each Objective or Pie Slice by toggling between the tabs.

Instructors can view a breakdown of students who have mastered, not mastered, or are ready to learn a topic, and send messages to these groups directly from the report. Instructors can also see other topics students are ready to learn from the “Ready to Learn” column.

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4. Time and Topic Report

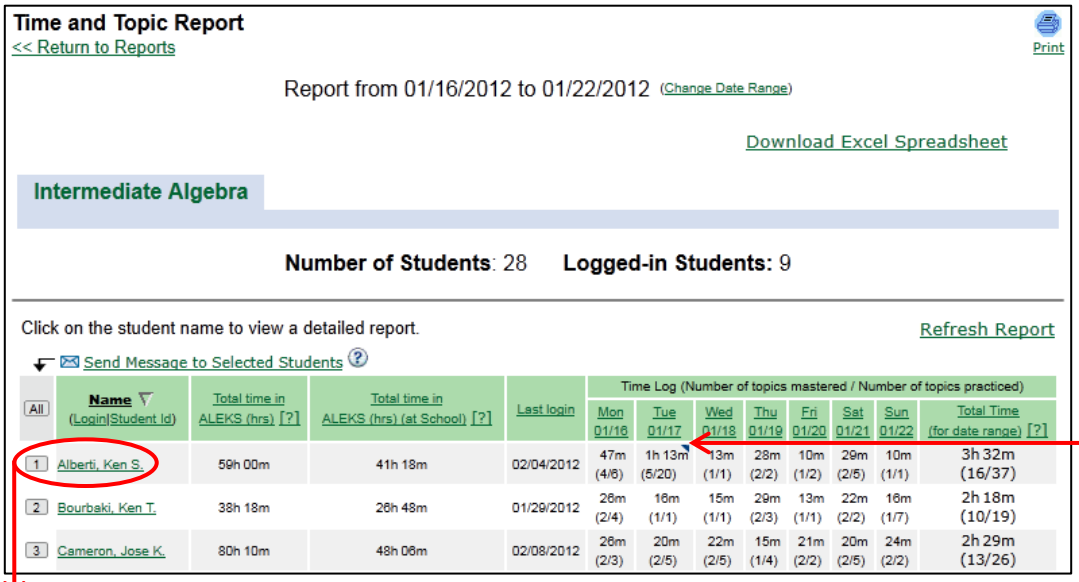
Location in Basic Module: Click on the "Time and Topic report for all students" link from the Reports tab.

Location in Advanced Module: Select the "Time and Topic" link on the Reports tab.

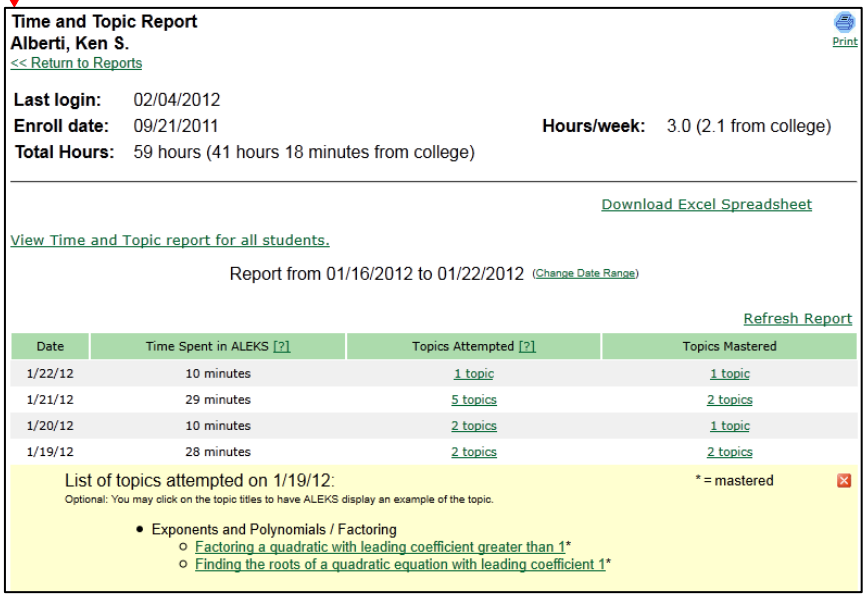
Description: This report shows time spent in ALEKS (at school and total time), the last login date, and daily topics attempted versus mastered over a selected period of time. Selecting a student from the report will show the student's individual Time and Topic report. The blue triangle in both the class and individual level reports denotes when students have spent time in an ALEKS assessment.

Purpose: Instructors can view detailed, daily activity for the class for up to a two week period; individual student data can be viewed for up to 6 months. Instructors can use this report to provide individualized instruction during office hours by seeing exactly which topics students are struggling with. Instructors can also ensure that students are not only making daily progress, but actually working in ALEKS while logged in.

Instructors can also send messages to selected students directly from this report. The number icons next to each student's name give the position of that student in the sorted list. By sorting on a column and selecting the numbered icons, instructors can quickly send messages to groups of students that have high or low values for any column without losing their place in the report.



The blue triangle indicates that the student spent some time in an ALEKS assessment.



Selecting a student's name from the class level report will open the individual's Time and Topic Report, where instructors can see the specific topics the student attempted and mastered on a daily basis.

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5. Knowledge Per Slice Report

Location in Basic Module: Select the Reports tab and then click on the “Knowledge Per Slice” link.

Location in Advanced Module: Select the “Progress Report” link on the Reports tab, and then select the “Knowledge Per Slice” option.

Description: This report shows each student’s current mastery for each ALEKS pie slice in the course. It includes overall course mastery followed by a breakdown of progress in each pie slice.

Purpose: Instructors can use this report to determine whether more emphasis should be placed on certain areas of the course (i.e. which pie slices are students struggling with), or to compare overall progress in the course versus progress per slice. Additionally, instructors can use this information to determine if students need additional help in a certain area that shows a lack of progress compared to the rest of the class.

Instructors can also send messages to selected students directly from this report. The number icons next to each student’s name give the position of that student in the sorted list. By sorting on a column and selecting the numbered icons, instructors can quickly send messages to groups of students that have high or low values for any column without losing their place in the report.

Current Knowledge Per Slice as of 02/14/2012

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Intermediate Algebra

Number of Students: 28 **Logged-in Students:** 9

Send Message to Selected Students

All	Name (Login|Student Id)	Performance		Knowledge per slice						
		Course Mastery Show: Percent / Topics	Current Objective	Real Numbers and Linear Equations (87 topics)	Graphs and Linear Functions (36 topics)	Systems of Linear Equations (14 topics)	Exponents and Polynomials (58 topics)	Rational Expressions and Functions (34 topics)	Radicals and Quadratic Equations (52 topics)	Functions and Logarithms (26 topics)
1	Alberti, Ken S.	50 +8 %	35 %	84 +7 %	69 +6 %	29 +35 %	47 +8 %	32 +6 %	21 +2 %	8 +11 %
2	Bourbaki, Ken T.	40 +7 %	30 %	74 +5 %	50 +14 %	21 +8 %	40 +3 %	24 +8 %	13 +8 %	0 +8 %
3	Cameron, Jose K.	67 +6 %	46 %	98 +1 %	94 +3 %	79 +14 %	67 +12 %	41 +9 %	31 +4 %	23 +8 %
4	Clinton, Nicole	62 +5 %	38 %	95 +4 %	83 +3 %	57 +36 %	60 +9 %	38 +9 %	29 +2 %	19 %
5	Collins, Carlos S.	61 +6 %	38 %	94 +4 %	83 +3 %	50 +43 %	59 +10 %	38 +6 %	29 +2 %	19 %

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