

**USING "ALEKS"
IN MATHEMATICS
PROS & CONS**



CLASS »

College Focus Summer Program - CF Summer 2015 (17 👤) ▼

STUDENT »

Enter Your Search



Class Administration

Gradebook

Reports

Assignments

CLASSIC

Class Code: LWGJT-RVH49

CLASS TOOLS

College Focus Summer Program - CF Summer 2015 - Dashboard

Class Information



College Focus Summer Program - CF Summer 2015

17 👤

Class Code:
LWGJT-RVH49

Class Duration:
07/07/15 - 08/15/15

Course Product:
Prep for Intermediate Algebra

Instructor:
Lucie Mingla

[Class Summary »](#)

ALEKS Pie Mastery



33%

Mastery
56 of 168 Topics

Select slice to see mastery.

[ALEKS Pie Report »](#)

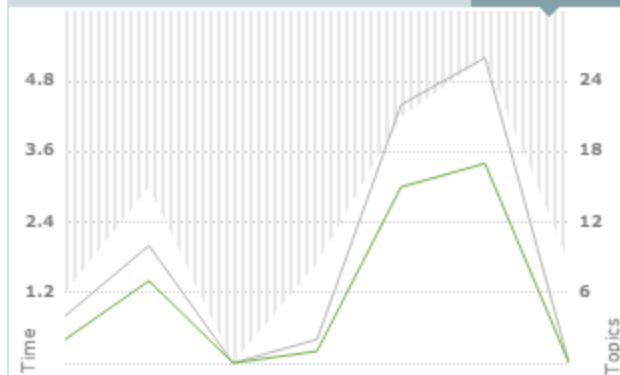
Time and Topic - Learning Mode

3M

1M

2W

1W



August 5 - August 11

Legend

[View Full Report »](#)

Students Not Recently Logged In

More than **7** days

Torres, Luis	07/13/2015	
Blugh, Pernol	07/13/2015	
Cofield, Laren	07/15/2015	
Quiles, Nereida	07/27/2015	
Charles, Maria	07/29/2015	

Mastery Overall

Highest

Lowest

Armstrong, Richard J.	1	87%	
Celine, Thayina	2	60%	
Cyrus, Rashawn B.	3	52%	
Macharie, Jada A.	4	45%	
Edwards, Johnathan A.	5	45%	

Overall Grade

No Grades

ASSessment AND
LEARNING IN **K**NOWLEDGE
SPACES IS A WEB-BASED ,
ARTIFICIALLY INTELLIGENT
ASSESSMENT AND
LEARNING SYSTEM.

Mc
Graw
Hill
Education

WHAT DOES ALEKS DO

- ❖ ALEKS accurately determines exactly what a student knows and doesn't know in a course.
- ❖ Instructs the student on the topics he/she is most ready to learn.
- ❖ Periodically reassesses the student to ensure that topics learned are also retained.

OUTCOMES

BECAUSE OF THE
ARTIFICIAL

INTELLIGENCE IN ALEKS,
STUDENTS ARE ALMOST
ALWAYS SUCCESSFUL AT
LEARNING THE MATERIAL
ALEKS OFFERS THEM.

WHAT ARE SOME OTHER FEATURES OF ALEKS?

- ❖ Many topics are available in both English and Spanish
- ❖ ALEKS avoids multiple-choice questions
- ❖ ALEKS offers a comprehensive message center that allows the student to communicate with the instructor
- ❖ ALEKS offers "textbook/syllabus integration"



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ALEKS Pie Mastery

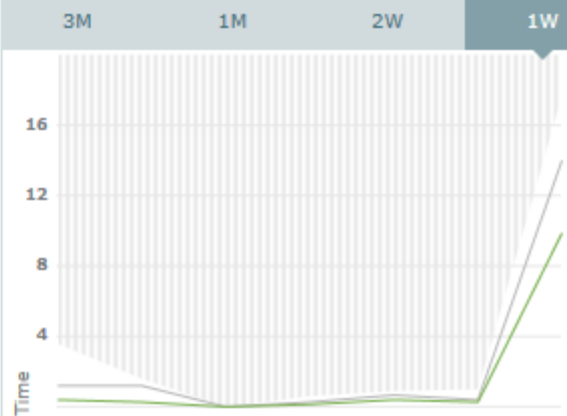


30%
Mastery
50 of 168 Topics

Select slice to see mastery.

[ALEKS Pie Report](#) »

Time and Topic - Learning Mode



July 21 - July 27

Legend

[View Full Report](#)

Students Not Recently Logged In

More than - 7 + days

07/13/2015	
07/13/2015	
07/15/2015	

Mastery Overall

Highest

Lowest

1	80%	
2	48%	

Overall Grade

No Grades



CLASS »

College Focus Summer Program - CF Summer 2015 (17) ▾

STUDENT »

Enter Your Search



Class Administration

Gradebook

Reports

Assignments

CLASSIC

Class Code: LWGJT-RVH49

CLASS TOOLS

College Focus Summer Program - CF Summer 2015 - Progress Report

Number of Students Included in This Report: 17 Logged-in Students: 0

Tips Tutorial

Show: Learning Progress Since Latest Assess... ▾

Downloads

View each student's progress in Learning Mode since the latest assessment.

Legend: ■ Content mastered based on the assessment ■ Progress made in Learning Mode ■ Content that is not yet mastered
 * Assessment in progress ● Student logged in



Message Students

Student Information					Performance		Since Last Assessment		
<input type="checkbox"/> Student	Total Time	Last Login	Assessment Start	Assessment Finish	Course Mastery [ⓘ]	Topics Learned	Time in ALEKS	Topics Learned Per Hour	
Name ID Login					Percent Topics				
	20h 55m	07/27/2015 01:14 PM	07/19/2015	07/20/2015 0h 44m	<div style="width: 68%; background-color: blue;"></div> 68 +12 % * 20		7h 36m	2.6	
	1h 23m	07/13/2015 01:32 PM	07/13/2015	07/13/2015 0h 12m	<div style="width: 11%; background-color: yellow;"></div> 11 +1 %	2	1h 9m	1.7	
	3h 56m	07/27/2015 02:16 PM	07/13/2015	07/13/2015 0h 52m	<div style="width: 14%; background-color: blue;"></div> 14 +4 %	6	3h 2m	2	
	10h 27m	07/27/2015	07/21/2015	07/21/2015	<div style="width: 7%; background-color: blue;"></div> 7	7	2h 58m	2.4	

Account Information

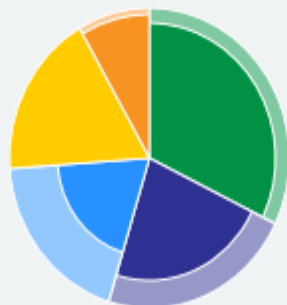


Last Login Date:
07/27/2015

Access Expires:
08/27/2015

[Account Summary »](#)

ALEKS Pie Mastery



**80%
Mastery**
134 of 168 Topics

Functions, Lines, and Systems

17 of 32 Topics - 53%

[ALEKS Pie Report »](#)

Time and Topic - Learning Mode

3M

1M

2W

1W



July 21 - July 27

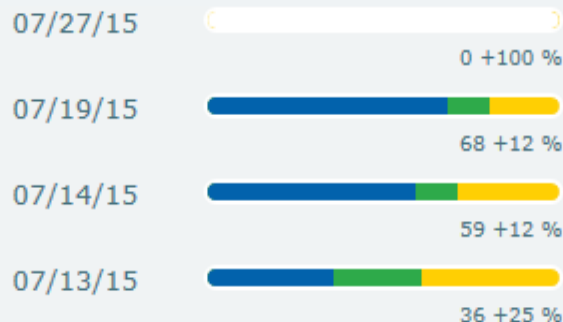
[Legend](#)

[View Full Report »](#)

Assignments

No Assignments Data

Learning Progress



Most Recent Activity

07/27/2015 1h 33min 4 Topics

Learning: Solving a decimal word problem using a linear equation of the form $Ax + B = C$

02:14:55 PM Added to Pie

02:13:03 PM Correct

Learning: Solving an absolute value equation of the form $a|x| = b$ or $|x| + a = b$

02:09:13 PM Added to Pie

07/27/2015 Learning ▼

Last login: 07/27/2015
Enroll date: 07/13/2015 **Hours/week:** 10.5
Total Hours: 20 Hours 55 minutes

Sorry, no report available.

History

	Last Assessment	Assessment performance ⁱ Course Mastery Show: Percent / Topics	Learning Data Since Last Assessment		
			Topics Learned Since Last Assessment	Hours in ALEKS Since Last Assessment	Topics Learned per Hour Since Last Assessment
College Focus Summer Program – CF Summer 2015 (Current Class) ⁱ					
● Progress Assessment	07/27/2015	<div style="border: 1px solid black; width: 100px; height: 10px;"></div> *	0	-	-
Progress Assessment	07/19/2015	<div style="width: 100px; height: 10px; background-color: #0070c0; position: relative;"><div style="width: 100%; height: 100%; background-color: #92d050; position: absolute; top: -2px; left: -2px;"></div><div style="width: 100%; height: 100%; background-color: #ffff00; position: absolute; top: -2px; left: -2px;"></div></div> 114 +20 / 168 topics	20	7.0	2.8
Progress Assessment	07/14/2015	<div style="width: 100px; height: 10px; background-color: #0070c0; position: relative;"><div style="width: 100%; height: 100%; background-color: #92d050; position: absolute; top: -2px; left: -2px;"></div><div style="width: 100%; height: 100%; background-color: #ffff00; position: absolute; top: -2px; left: -2px;"></div></div> 99 +20 / 168 topics	20	6.1	3.3
Initial Assessment	07/13/2015	<div style="width: 100px; height: 10px; background-color: #0070c0; position: relative;"><div style="width: 100%; height: 100%; background-color: #92d050; position: absolute; top: -2px; left: -2px;"></div><div style="width: 100%; height: 100%; background-color: #ffff00; position: absolute; top: -2px; left: -2px;"></div></div> 61 +41 / 168 topics	41	5.2	8.0

Legend: Content mastered based on the assessment (■), Progress made in Learning Mode (■),
 Content that is not yet mastered (■), assessment not completed (□), student currently taking an assessment (*)
 Currently Viewing (●)

Last login: 07/27/2015


















Enroll date: 07/13/2015

Hours/week: 10.5

Total Hours: 20 Hours 55 minutes

College Focus Summer Program – CF Summer 2015

All Results ⓘ

	Last Assessment	Assessment performance ⓘ Course Mastery Show: Percent / Topics	Knowledge per Slice				
			Real Numbers (54 topics)	Linear Equations and Inequalities (38 topics)	Functions, Lines, and Systems (32 topics)	Exponents, Polynomials, and Radicals (30 topics)	Geometry (14 topics)
Progress Assessment	07/27/2015	 *	 0 / 54 topics	 0 / 38 topics	 0 / 32 topics	 0 / 30 topics	 0 / 14 topics
Progress Assessment	07/19/2015	 114 +20 / 168 topics	 44 +2 / 54 topics	 26 +2 / 38 topics	 11 +6 / 32 topics	 25 +5 / 30 topics	 8 +5 / 14 topics
Progress Assessment	07/14/2015	 99 +20 / 168 topics	 42 +3 / 54 topics	 17 +9 / 38 topics	 11 +2 / 32 topics	 21 +5 / 30 topics	 8 +1 / 14 topics
Initial Assessment	07/13/2015	 61 +41 / 168 topics	 33 +10 / 54 topics	 10 +9 / 38 topics	 5 +5 / 32 topics	 8 +14 / 30 topics	 5 +3 / 14 topics

Legend: Content mastered based on the assessment (■), Progress made in Learning Mode (■),
Content that is not yet mastered (■), assessment not completed (□), student currently taking an assessment (*)

STUDENTS' OPINION

Statistics: Do you think "ALEKS" is helpful?

	2	5	1	2	
Stud.	Str. A	Agree	Disag	Str. D	
1			√		
2		√			
3	√				
4	√				
5				√	
6				√	
7		√			
8		√			
9		√			
10		√			

SOME STUDENTS' SPECIFIC OPINIONS

PROS

- ❖ Renews all geometry, trig. And algebra problems
- ❖ Explains step by step
- ❖ Gives examples and ways of how to solve the problem
- ❖ Its easy to use
- ❖ The pie helps you understand where you are strong or weak

CONS

- ❖ It gives you rewards to the pay only when you have done 4-5 questions correct.(challenge)
- ❖ Very similar with other websites used in school
- ❖ Not challenging questions in regents level
- ❖ Doesn't explain formulas(assumes that you know them)

Students were asked to compare “ALEKS” with other websites that are similar that they have been using in school. Some of them: jmap, Deltamath, castlelearning, Nys.edu/mathregents etc

REGARDING THE ASA COLLEGE AUDIENCE

- ❖ Students come from different backgrounds and some of them have an interruption for years.
- ❖ The students at ASA don't have to take regents exam to have a specific drill for that. They need lifelong learning skills and quantitative and qualitative reasoning skills.
- ❖ I think that revisiting , reassessing and making sure that students do a certain number of problems correct to have credit in the pie works for our population.

Message Students

Student Information					Performance	Since Last Assessment		
Student	Total Time	Last Login	Assessment Start	Assessment Finish	Course Mastery ⁱ	Topics Learned	Time in ALEKS	Topics Learned Per Hour
					Percent Topics			
<input type="checkbox"/> Armstrong, Richard J.	35h 24m	08/11/2015 04:28 PM	08/09/2015	08/10/2015 0h 42m	79 +8 %	13	3h 23m	3.8
<input type="checkbox"/> Blugh, Pernel	1h 23m	07/13/2015 01:32 PM	07/13/2015	07/13/2015 0h 12m	11 +1 %	2	1h 9m	1.7
<input type="checkbox"/> Calliste, Gabriel M.	5h 18m	08/10/2015 02:21 PM	07/13/2015	07/13/2015 0h 52m	14 +4 %	6	4h 23m	1.4
<input type="checkbox"/> Celine, Thayina	24h 2m	08/10/2015 02:41 PM	08/06/2015	08/06/2015 1h 8m	53 +7 %	11	2h 38m	4.2
<input type="checkbox"/> Charles, Maria N.	3h 49m	07/29/2015 01:20 PM	07/13/2015	07/13/2015 0h 34m	23 +12 %	19	3h 10m	6
<input type="checkbox"/> Cofield, Laren N.	1h 32m	07/15/2015 01:25 PM	07/13/2015	07/13/2015 0h 30m	23 +3 %	6	-	-
<input type="checkbox"/> Cyrus, Rashawn B.	7h 32m	08/10/2015 02:20 PM	08/03/2015	08/03/2015 0h 33m	52 %	1	1h 8m	0.9
<input type="checkbox"/> Dolly, Miquel G.	4h 14m	08/10/2015 02:26 PM	07/13/2015	07/13/2015 0h 23m	4 +8 %	13	3h 49m	3.4
<input type="checkbox"/> Edwards, Johnathan A.	5h 7m	08/10/2015 02:28 PM	07/13/2015	07/13/2015 0h 31m	27 +18 %	30	4h 32m	6.6
<input type="checkbox"/> Francis, Jordin J.	3h 6m	07/29/2015 01:27 PM	07/13/2015	07/14/2015 1h 33m	17 +1 %	2	1h 21m	1.5
<input type="checkbox"/> Hernandez, Pedro L.	6h 40m	08/03/2015 01:12 PM	08/03/2015	08/03/2015 0h 40m	42 %	1	-	-
<input type="checkbox"/> Macharie, Jada A.	7h 0m	08/10/2015 02:24 PM	07/27/2015	07/27/2015 0h 23m	42 +3 %	5	-	-
<input type="checkbox"/> Maisonave, Brandon	4h 48m	08/10/2015 02:26 PM	07/13/2015	07/13/2015 0h 18m	4 +18 %	30	4h 27m	6.7
<input type="checkbox"/> Quiles, Mercedes N.	3h 20m	07/27/2015	07/13/2015	07/13/2015	16 %	16	2h 56m	5.5

College Focus Summer Program - CF Summer 2015 - ALEKS Pie

Number of Students Included in This Report: 17 ⓘ

[Tips](#)
[Tutorial](#)

Show: Current Learning ▼
 Downloads ▼



Select Slice to See Mastery



ALEKS Pie Mastery: **56.9 of 168 Topics**
27%

Top Ready to Learn Topics

- Finding the sale price without a calculator given the original price and percent discount 71%

- Finding simple interest without a calculator 65%

- Using a common denominator to order fractions 65%

- Addition or subtraction of fractions with different denominators 59%

Current Learning

ALEKS Table of Contents

[View Course Content by ALEKS Table of Contents](#)
[view all topics / hide all topics](#) ⓘ

▶ ● Real Numbers	45% Mastered
▶ ● Linear Equations and Inequalities	30% Mastered
▶ ● Functions, Lines, and Systems	22% Mastered