January 7 MATH 1112 sec. 54 Spring 2019

First Day of Class

Today we will complete a few activities. These include

- ▶ Introduction and syllabus highlights (class and grading policies).
- An introduction to ALEKS.
- An introduction to clicker use.
- ► ...MATH

Introduction & Syllabus Highlights

The Syllabus on Campus Server

D2L

Online Resources

I'm a big fan of having a class webpage on the University server.

Our Class Webpage

Much of the same, and a few other resources will be available in D2L.



Right now in D2L, you can find

- Course documents (syllabus/schedule)
- ALEKS information (how to get set up, ALEKS list of objectives)

ALEKS

Assessment and LEarning in Knowledge Spaces

You will need to register with ALEKS as soon as possible.

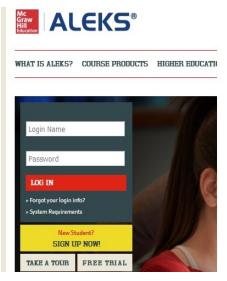
The first ALEKS due date is Sunday January 13.

To get started, you will go through an **Initial Knowledge Check** (IKC).

- The IKC will take about an hour.
- You must complete the IKC. You will not get a grade for it, but it will assess your current knowledge and allow ALEKS to create a learning plan just for you.
- You're not expected to be able to answer all questions. Just:
- Do your best! and
- ► Take it honestly!



ALEKS



USING ALEKS WITH A CLASS K-12 // Higher Education	?
Register here if you are a new s ALEKS with your class. To begi 10-character class code you re- instructor.	n, enter your
Class code: MQJQT - 3GQW4 What's this? I don't have a class code »	* CONTINUE

WQJQT - 3GQW4

Figure: ALEKS sign in page

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Let's get started with Clickers

Throughout a typical class day, I will post questions for you to answer. Some will involve computation, others will be more conceptual.

The questions will appear in slides like this one, and will be either True/False or Multiple Choice.

You will be able to submit answers using our class set of Clickers.

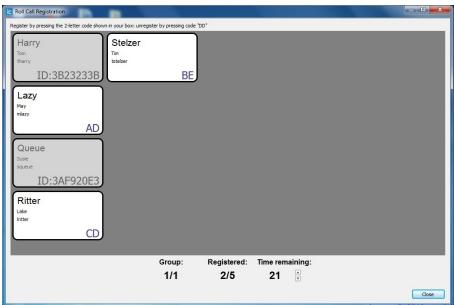


Registering a Clicker

At the beginning of class, I will use the "Roll Call" feature. You will see your name and student ID with a three letter code.

- Grab a clicker from my stash at the beginning of class.
- Look for your name with three letter code on the roll call display.
 (All names won't fit on one screen, so it will alternate between groups.)
- ▶ Turn the clicker on, and methodically enter your three letter code.
- ▶ When your clicker is registered, your name box will turn gray with an ID code in the bottom right corner.
- If you press the wrong code, no worries, just press "DD" (or "DDD").

Registering with Roll Call



Help! I missed Roll Call Registration!

I got here late, and I have a really good reason!. Can I still participate in clicker polls?

- Grab a clicker, turn it on, and participate in remaining polls.
- ► Make note of the code on the back of the clicker you're using (e.g. "3D8903B7")
- See me after class with this code, and make sure I register it to you.

I expect very few after class clicker registrations.

Help! I missed Roll Call Registration!

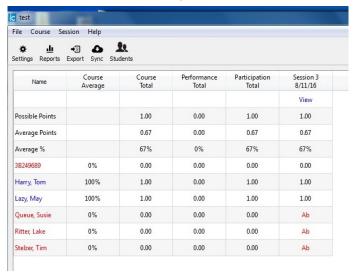


Figure: This is what I see when an unregistered clicker is used. I will only know it's you if you tell me.

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Let's Try It Out

Sample Question 1

If you lived in a pineapple under the sea, what sort of invertebrate do you think you might be?

- (a) An anemone
- (b) A turtle



(d) A basket ball

Sample Question 2

Let's try something math related

The expression $x^3(x+x^4)$ is equivalent to

(a)
$$x^3 + x^{12}$$

$$\chi^3(x+\chi^3):\chi^3\cdot\chi+\chi^3\cdot\chi^4$$

(b) $2x^8$

(c)
$$x^4 + x^7$$

$$= \chi^4 + \chi^7$$

$$= \chi^4 + \chi^7$$

(d) $3x^{11}$

Sample Question 3

For True/False questions, we'll always use "A" for true and "B" for false.

True/False I feel reasonably confident that I'll get the hang of registering and using a clicker in this class.

Questions?

If you have any questions about the class structure, let's get them answered now.

Then we'll get started on our course!