

# January 12 Math 1190 sec. 62 Spring 2017

## First Day of Class

Today we will complete a few activities. These include

- ▶ Introduction and syllabus highlights.
- ▶ Supplemental Instruction with SI leader Norman Reid
- ▶ A quick look at online resources.
- ▶ An introduction to clicker use.
- ▶ In class exercise on prerequisite materials.

# Introduction & Syllabus Highlights

▸ The Syllabus on Campus Server

▸ D2L

Please read the entire syllabus and take the [Syllabus Quiz](#) online in D2L. The syllabus quiz will count as one quiz grade. It must be completed online in D2L before the end of the day on January 27th.

# Supplemental Instruction (SI)

Our SI Leader is **Norman Reid**.

nreid10@students.kennesaw.edu

- ▶ You can also contact Norman through the email server in D2L. \*
- ▶ Once the days/times/places of SI have been set up, I'll post this information on our class website.
- ▶ **I am grateful to the SI program and to Norman for making this resource available to you!**

*\* When emailing Norman or Me through D2L, please mention "I'm emailing you through D2L." It will help us to respond more promptly.*

## 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.

› D2L

# Pencasts

Pencasts are pdf documents that contain an audio file. They can be viewed like a video on a computer or mobile device.

**On a Mobile Device:** Download the free LiveScribe+ app from the Apple Store or Google Play.

- ▶ In D2L, select "download" from the drop down menu for the pencast you wish to see.
- ▶ When you select the file on your device, you should see an "Open with..." option. Choose LiveScribe+
- ▶ Click play, or tap on the document to start viewing from a point other than the beginning.

# Pencasts

**On a Computer:** Access the free viewer at [www.livescribe.com](http://www.livescribe.com) (linked at the top of each pencast).

- ▶ In D2L, select "download" from the drop down menu for the pencast you wish to see.
- ▶ Click the header of the pdf which will open the viewing page at [livescribe.com](http://livescribe.com).
- ▶ Drag and drop the pdf file (or select the choose file option). Click play, or click elsewhere on the document to begin play from a point other than the beginning.

## 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.



## Let's get started with Clickers

Each day you can grab a clicker and register it to my receiver. Your participation will be recorded. Two things to remember:

- ▶ **It is critical that you attend class and come on time to avoid missing out on clicker registration!**
- ▶ **Credit for *Class Participation* will be determined in large part on logged clicker responses!**

I want you to put in honest effort when answering clicker polls. **However** participation credit will be based on responding to > 50% of clicker polls as opposed to correct responses!



## 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

Roll Call Registration

Register by pressing the 2-letter code shown in your box: unregister by pressing code "DD"

<b>Harry</b> Tom tharry ID:3B23233B	<b>Stelzer</b> Tim tstelzer BE
<b>Lazy</b> May mlazy AD	
<b>Queue</b> Susie squeue ID:3AF920E3	
<b>Ritter</b> Lake lritter CD	

Group: 1/1      Registered: 2/5      Time remaining: 21

Close

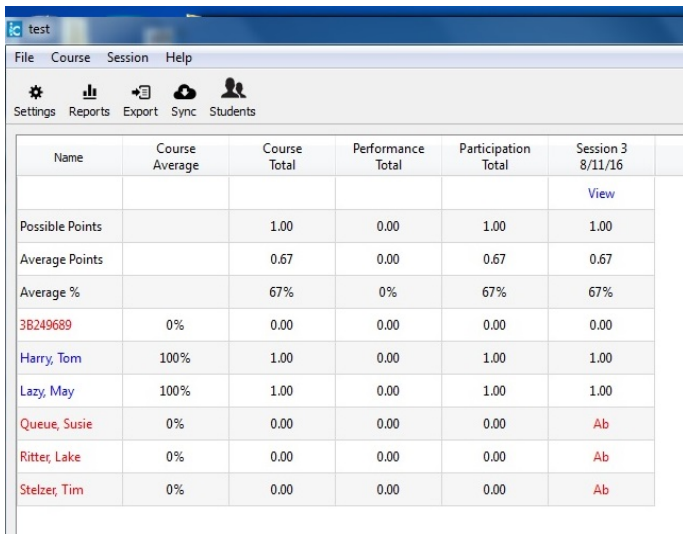
# Help! I missed Roll Call Registration!

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!



The screenshot shows a software interface with a menu bar (File, Course, Session, Help) and a toolbar with icons for Settings, Reports, Export, Sync, and Students. Below the toolbar is a table with the following data:

Name	Course Average	Course Total	Performance Total	Participation Total	Session 3 8/11/16
					<a href="#">View</a>
Possible Points		1.00	0.00	1.00	1.00
Average Points		0.67	0.00	0.67	0.67
Average %		67%	0%	67%	67%
3B249689	0%	0.00	0.00	0.00	0.00
<a href="#">Harry, Tom</a>	100%	1.00	0.00	1.00	1.00
<a href="#">Lazy, May</a>	100%	1.00	0.00	1.00	1.00
<a href="#">Queue, Susie</a>	0%	0.00	0.00	0.00	Ab
<a href="#">Ritter, Lake</a>	0%	0.00	0.00	0.00	Ab
<a href="#">Stelzer, Tim</a>	0%	0.00	0.00	0.00	Ab

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

# 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
- (c) A sponge
- (d) A basket ball

## Sample Question 2

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

**True/False** The seasonal changes we experience through the year are due to the Earth's proximity to the Sun (closeness in orbit).

False, it's due to the tilt on the  
Earth's axis

## Sample Question 3

Let's try something math related

The expression  $\tan \theta$  is equivalent to which of the following

(a)  $\frac{\sin \theta}{\cos \theta}$

(b)  $\frac{1}{\cot \theta}$

(c)  $\cot \left( \frac{\pi}{2} - \theta \right)$

(d) All of the above.

← this one's a cofunction ID

## Sample Question 4

**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, let's get them answered now.

Then we'll spend the rest of class time working on a prerequisite worksheet.