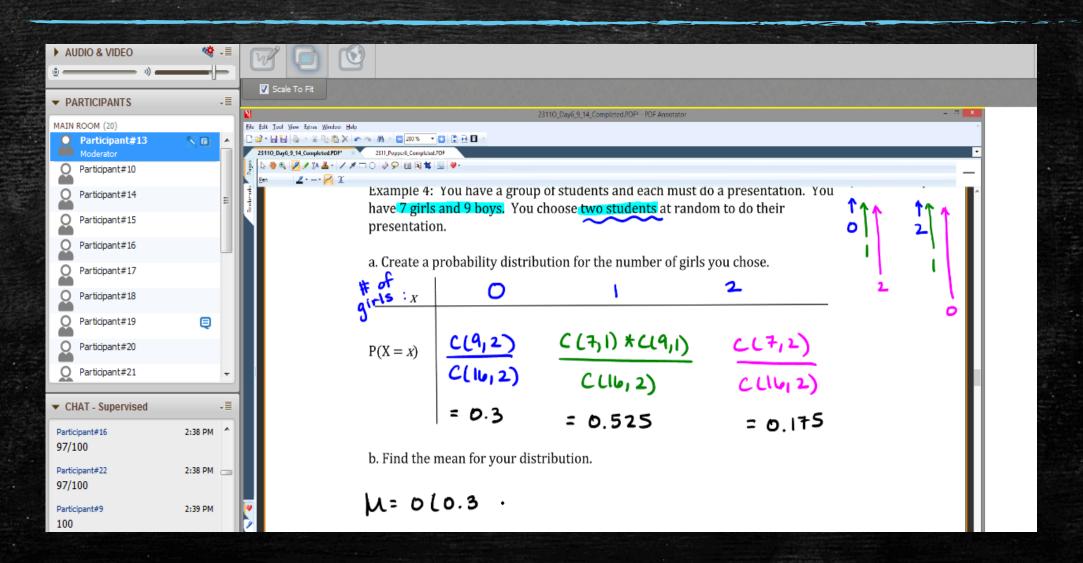
# Creating an Engaging Online Learning Environment

Faculty Development Workshop January 26, 2016

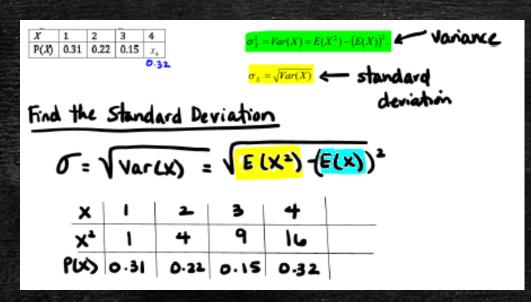
#### Main Points that will be considered:

- What does an online classroom look like?
- How do you connect to the online classroom.
- How to communicate with students in the classroom.
- How to use PDF Annotator.
- How to use GeoGebra.
- Using other applications: R-Studio

#### What does an online classroom look like?



# Good things to have in an online classroom



Given the following sampling distribution:

X	-16	-13	-7	11	14
P(X)	2/25	1/25	2/25	7/100	

3. P(X=14)

a. 0.73

d. none of these

b. 0.08

c. 0.27

- Interactive questions.
- Different colored pens.
- Check for understanding.
- Highlight main points.
- Popper Questions.

#### How to connect to your online classroom

Using Blackboard Collaborate, you need to click on the first link.

#### Letty Reza:

You are invited to attend the following Blackboard Collaborate session:

Name: West - Online Classroom

Type: None

Starts: Dec 19, 2013 09:45 PM Central (CST, North America/US)

Ends: Jan 01, 2017 10:30 AM Central (CST, North America/US)

To join the teleconference only: Call-in number: 571-392-7703 Moderator PIN: 571 935 811 27 Participant PIN: 750 188 290 563

To join the session, please click on the link below within 30 minutes of the session start time. Join the Blackboard Collaborate session

To invite others to join the session, e-mail the following Guest Link: https://sas.elluminate.com/m.jnlp?sid=2012056&password=M.02C5FCE93BC0E358698C01250FC3F4

To add this Blackboard Collaborate session to your calendar, please click the following link: https://sas.elluminate.com/mvc?sid=2012056&miuid=D49654630A29C361A6AAD31C98FE3DE

To view the hardware and software pre-requisites for Blackboard Collaborate please visit support.blackboardcollaborate.com

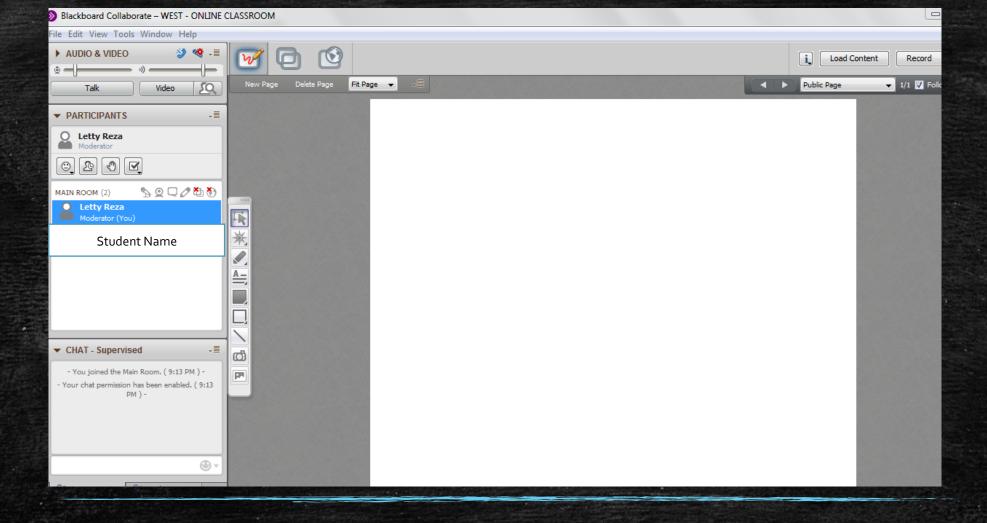
#### Blackboard, collaborate.

#### **Downloading Session**

When the session file has finished downloading, open meeting.collab in your browser's Downloads folder to join the session.

If you can't open the .collab file, download the Blackboard Collaborate Launcher.

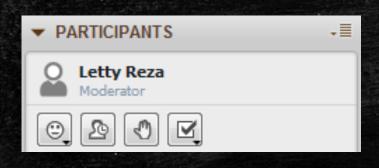
Still can't get into your session? Please read our troubleshooting help topic.



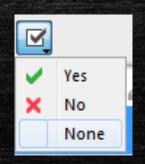
Once the application downloads, you will be able to see the students that are in the classroom. Also, you can see chat box.

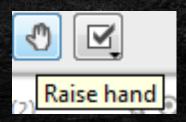
#### How to communicate with students

- The chat box can be a great tool to communicate with students and check for understanding.
- There are tools on Blackboard Collaborate that can signal whether you need to stop or elaborate on any given concept.









#### Chat Box

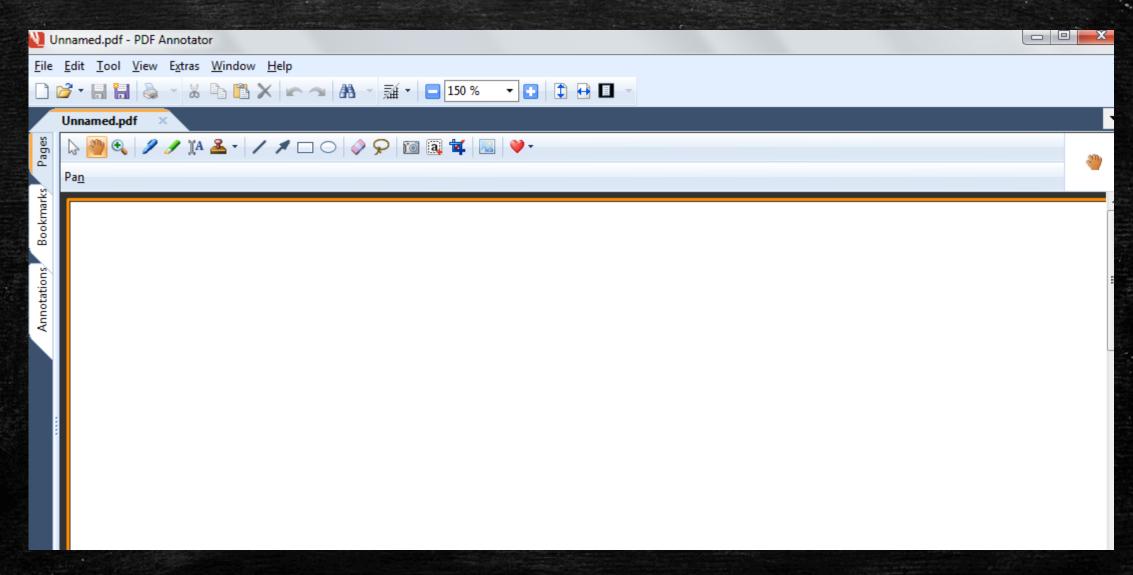
#### Pros

- Students may be more inclined to ask questions.
- Students can interact with the professor or students through chat.
- You can monitor ALL chat conversations.

#### Cons

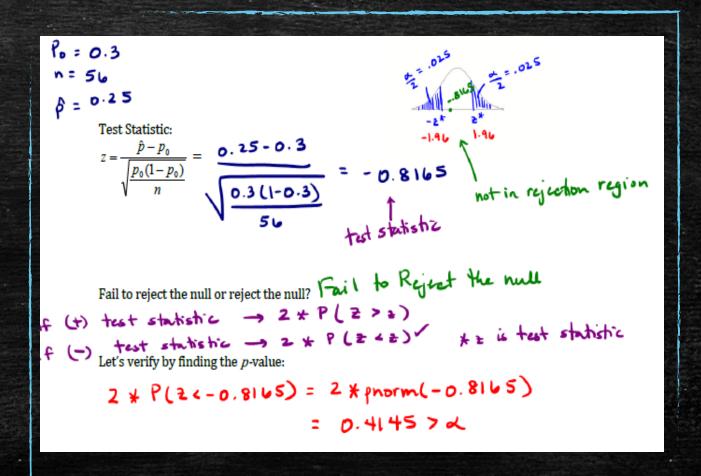
- Students may not always ask questions material related.
- There may be some side conversations.
- There may need to be more supervision to ensure all participants are on topic.

### PDF Annotaator



## PDF Annotator best thing since paper!!

PDF annotator allows you to write in notes and also allows for students to see step by step instructions. This is one of best ways to ensure that you can stop at any point to address any concerns. By bringing in different colors you can point out different parts of problems.



#### You can also show videos in lecture



Showing a short video can give students a much needed break as well as connect the lecture to real world applications.