

Accessing Blackboard Collaborate

1) Click on the "Collaborate Video" link on the left

The screenshot displays the Blackboard Collaborate interface for a course titled "PHY 211 MERGED SPRING 20 General Physics I (30687.1202m)". The left navigation menu is visible, with the "Collaborate Video" link highlighted by a red arrow. The main content area shows the "Announcements" section, which includes a "Create Announcement" button and a list of announcements. The first announcement is titled "Syllabus addendum" and was posted on Monday, March 23, 2020, 9:11:41 AM EDT. The second announcement is titled "Welcome to PHY 211!" and was posted on Tuesday, January 14, 2020, 9:05:48 AM EST. The footer of the page includes the Blackboard logo and copyright information.

Announcements - 30687.1202m - Google Chrome

blackboard.syracuse.edu/webapps/blackboard/execute/announcement?method=search&context=course&course_id=_427385_1&handle=cp_announce...

Syracuse University

Blackboard @ SU Courses Organizations Support Pages

Announcements

PHY 211 MERGED SPRING 20 General Physics I (30687.1202m)

Announcements

Collaborate Video

Information

Pre-lectures

Lecture material

Recitation material

Homework

Discussions

Groups

Tools

Video Solutions

COURSE MANAGEMENT

Control Panel

Content Collection

Course Tools

Evaluation

Grade Center

Users and Groups

Customization

Packages and Utilities

Help

Announcements

New Announcements appear directly below the repositionable bar. Reorder by dragging announcements to new positions. Move priority announcements above the repositionable bar to pin them to the top of the list and prevent new announcements from superseding them. The order shown here is the order presented to students. Students do not see the bar and cannot reorder announcements.

Create Announcement

New announcements appear below this line

Syllabus addendum

Posted on: Monday, March 23, 2020 9:11:41 AM EDT

Check out the syllabus addendum on the website: [here](#)

We appreciate you bearing with us while we all try to figure out how to best transition this class. Your feedback is always welcome.

Posted by: Matthew Rudolph
Posted to: PHY 211 MERGED SPRING 20 General Physics I 30687.1202m

Welcome to PHY 211!

Posted on: Tuesday, January 14, 2020 9:05:48 AM EST

Lectures start Tuesday January 14, recitations start Wednesday January 15. Check the information tab for basic course materials including a link to our external website at <https://walterfreeman.github.io/phy211/> where you can find the detailed syllabus.

Posted by: Matthew Rudolph
Posted to: PHY 211 MERGED SPRING 20 General Physics I 30687.1202m

Blackboard

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[Accessibility information](#) [Installation details](#)

2) Select the session you want to join:

- "Course Room" is for general use, including testing out the tool before class
- There are separate sections for each lecture time and each recitation time
- All recitations that meet at the same time will share one Collaborate room

The screenshot displays the Blackboard Collaborate Ultra interface for the course PHY.211.MERGED.SPRING20.General Physics I - Course Room. The interface includes a left-hand navigation menu with options like Announcements, Collaborate Video, Information, Pre-lectures, Lecture material, Recitation material, Homework, Discussions, Groups, Tools, and Video Solutions. The main content area shows a list of sessions under the heading 'Sessions'. A red handwritten note with a bracket pointing to the session list reads: 'You won't see upcoming sessions - this is my Blackboard view.'


Session Name	Recurring	Start Date/Time	End Date/Time
TA/coach meeting	Recurring	3/24/20, 5:00 PM	4/28/20, 6:30 PM
Lecture at 9:30	Recurring	3/24/20, 9:30 AM	4/28/20, 11:00 AM
Lecture at 11	Recurring	3/24/20, 11:00 AM	4/28/20, 12:20 PM
Recitation 8:25	Recurring	3/25/20, 8:25 AM	4/24/20, 10:00 AM
Recitation 9:30	Recurring	3/25/20, 9:30 AM	4/24/20, 11:00 AM
Recitation 10:35	Recurring	3/25/20, 10:35 AM	4/24/20, 12:05 PM
Recitation 11:40	Recurring	3/25/20, 11:40 AM	4/24/20, 1:10 PM
Recitation 12:45	Recurring	3/25/20, 12:45 PM	4/24/20, 2:15 PM
Recitation 2:15	Recurring	3/25/20, 2:15 PM	4/25/20, 3:45 PM
Recitation 3:45	Recurring	3/25/20, 3:45 PM	4/25/20, 5:15 PM

Once you are here, you'll see the audio and video other people are sharing.

PHY.211.MERGED.SPRING20.General Physics I - Course Room - Bb Collaborate - Google Chrome

us.bbcollab.com/collab/ui/session/join/6fc3c5395f85460f9d98909a5551d966

Everyone



Welcome!

You're the only one in the room.
Jump in and get started! Upload your content and check your audio.

Turn microphone on or off. NOTE: The microphone starts off. In recitation, turn your mic on once you are in your group so people can hear you!


Turn video on or off

"Raise hand" button allows you to signal for help, or ask a question

It's quiet in here!
Nothing has been said since you joined.
Start chatting.

This button lets you share a window from your screen, or set up a shared space that you can use with your group in recitation.

Say something



One great way to work in recitation is to share the recitation problems in your group, and all write on them together. Either everyone can write, or one person can serve as scribe and write things down for everyone.

The screenshot shows the Blackboard Collaborate Ultra interface. The main workspace is a dark green chalkboard with a central illustration of a laptop on a desk. Below the illustration, it says "Welcome! You're the only one in the room. Jump in and get started! Upload your content and check your audio." The right sidebar is titled "Share Content" and contains three sections: "Primary Content" with options "Share Blank Whiteboard", "Share Application/Screen", and "Share Files"; "Secondary Content" with "Polling"; and "Interact" with "Breakout Groups". At the bottom of the screen is a toolbar with icons for user profile, chat, audio, video, and settings. Handwritten green text "First click here to share" with an arrow points to the "Share Files" option in the Primary Content section. Handwritten red text "Then choose 'Share Files'" with an arrow points to the "Share Files" option in the Primary Content section.

PHY.211.MERGED.SPRING20.General Physics I - Course Room - Bb Collaborate - Google Chrome <2>

Announcements - 10387.120 x Blackboard Collaborate Ultra x PHY.211.MERGED.SPRING20 x

us.bbcollab.com/collab/ui/session/join/6fc3c5395f85460f9d98909a5551d966

First click here to share

Welcome!

You're the only one in the room.
Jump in and get started! Upload your content and check your audio.

Then choose "Share Files"

Share Content

Primary Content

- Share Blank Whiteboard
- Share Application/Screen
- Share Files >

Secondary Content

- Polling >

Interact

- Breakout Groups >

Chat, Audio, Video, Settings, Close

PHY.211.MERGED.SPRING20.General Physics I - Course Room - Bb Collaborate - Google Chrome <2>

Announcements - 10387.120 x Blackboard Collaborate Ultra x PHY.211.MERGED.SPRING x +

us.bbcollab.com/collab/ui/session/join/6fc3c5395f85460f9d98909a5551d966

Share Files

+ Add Files

Drag image, PowerPoint, or PDF files. Or select to choose files.

Main Room Files

recitation19.pdf

Welcome!

You're the only one in the room.
Jump in and get started! Upload your content and check your audio.

Share Now

First, choose "Add Files" and select the landscape version of the recitation PDF

Then, select the file you just uploaded

Finally, choose "Share Now".

Now you can all write on the document as a shared whiteboard! Some tips for doing this:

PHY.211.MERGED.SPRING20.General Physics I - Course Room - Bb Collaborate - Google Chrome <2>

Announcements - 10387.120 x Blackboard Collaborate Ultra x PHY.211.MERGED.SPRING x +

us.bbcollab.com/collab/ui/session/join/6fc3c5395f85460f9d98909a5551d966

PHY 211 Recitation 19
March 24, 2020

1

If you have a tablet, you can use this button to draw things.


This button erases everything - use with care!

Otherwise, this button lets you write text.

Going to a new page also erases everything. (keep records on paper or take screenshots)

1

A toy gun shoots a spherical plastic bullet ($m = 2\text{ g}$) using a spring with spring constant $k = 2000\text{ N/m}$. When the gun is cocked, the spring is compressed by 5 cm . A sketch of just the barrel is shown below.



(a) Assuming there is no friction as the ball moves down the barrel, is the total mechanical energy conserved? Why or why not?

(b) What are the initial potential energy and kinetic energy?

(c) What are the final potential and kinetic energy?

(d) With what speed does the ball leave the end of the barrel?

(e) Now assume as the ball moves down the 30 cm long barrel, there is a constant frictional force $|F_f| = 2.5\text{ N}$. With what velocity will the ball leave the barrel in this case?

recitation19_1scape.pdf (1/3)

Navigate Slides

Select a slide to navigate to

01

PHY 211 Recitation 19
March 24, 2020

1

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02

2

A toy gun shoots a spherical plastic bullet ($m = 2\text{ g}$) using a spring with spring constant $k = 2000\text{ N/m}$. When the gun is cocked, the spring is compressed by 5 cm . A sketch of just the barrel is shown below.

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03

3

A toy gun shoots a spherical plastic bullet ($m = 2\text{ g}$) using a spring with spring constant $k = 2000\text{ N/m}$. When the gun is cocked, the spring is compressed by 5 cm . A sketch of just the barrel is shown below.

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