



# Technology in the Classroom

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# Introduction



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# Agenda

- How to better facilitate student learning via available technology
- How to use tech effectively in the classroom
- Introduction of technological tools available in the SU community/classroom

**What kind of technology have you used in your teaching/classroom?**

# Learning Objective

- By the end of this session, you should be able to effectively integrate available technologies at Syracuse University classrooms into your teaching, enabling enhanced communication, collaboration, and engagement
- Materials needed:
  - Computer with internet access
  - Access to Blackboard, Zoom, and other technology resources
  - Handouts

# Why Technology?

## 1. Active Learning

- a. Active learning is an approach to instruction where the students are actively involved in the learning process, utilizing their higher-order thinking skills. Contrasts with passive learning.
- b. Education research shows that incorporating active learning strategies into university courses significantly enhances student learning experiences and narrows the achievement gap for underrepresented students
- c. Through technology, active learning is easily facilitated (e.g. peer-to-peer collaboration, peer-to-instructor collaboration).

## 2. Community Building

- a. Feel comfortable sharing, speaking, interacting with peers, and participating in class.
- b. Embrace all parts of their identity and develop empathy and understanding for those around them.
- c. Create a shared space of respect and understanding.
- d. E.g. Discussion boards, Zoom breakout rooms, online feedback surveys

## 3. Accessibility

- a. At Syracuse, it is important for us to accommodate every student. Through technology, we can better provide equal opportunity to learn for all students.
- b. E.g. Zoom Closed Captions, Creating Alt Text for images, [Center for Disability](#)

# Available tools and technologies



zoom

qualtrics<sup>XM</sup>



<https://answers.syr.edu/>



kaltura



Google  
for Education

# In this session, we are going to cover:

- Learning management system (LMS)
  - SU uses Blackboard LMS for all course offerings for:
    - Centralized learning management
    - Assessment
    - Collaboration
- Video conferencing technology (VCT)
  - Zoom became popular VCTs during the COVID 19 pandemic because of the demand of synchronous online learning
    - Remote learning (Synchronous classrooms)
    - Real-time collaboration
    - Virtual meetings
- Teaching stations in classrooms (covered but not in-depth)
  - It is a centralized hub that integrates various technologies to support classroom instruction
    - Computer
    - Projector
    - Interactive display
    - Audiovisual equipment



# Activity 1: Teaching Station

Handout



SCAN ME

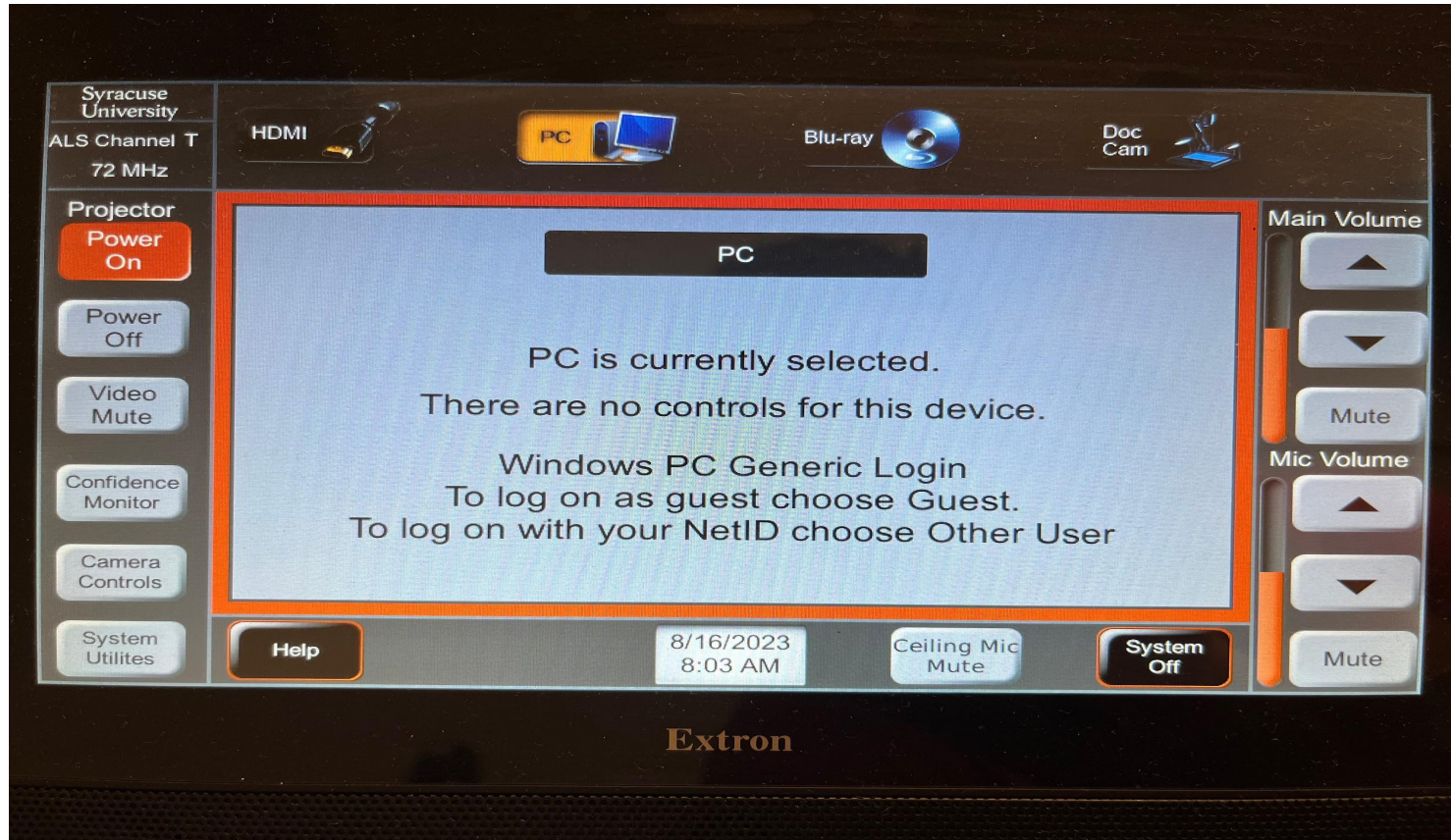
Video tutorial



SCAN ME



# AV Controls



# Video Conferencing: Zoom Demo

- SU uses Zoom for video conferencing purposes
  - Basic Zoom features include:
    - Scheduling and joining meetings
    - Audio and video conferencing
    - Screen sharing
    - Chat and messaging tools
    - Breakout rooms
    - Recording meetings
- Scan the QR code to checkout the handout and follow the demo
- [Handout](#)



# Activity 2 - Zoom

## Scenario

- Prepare a short presentation on a topic of interest (maybe a topic you used for your microteaching lesson)
- Ask a volunteer TA will have 2 to 3 minutes presenting their content via Zoom (SU)
  - Schedule, invite, start...

# Activity 3: Blackboard: Demo

What is Blackboard?

- A learning platform website where you can see/manage the courses you TA for as well as your own courses
- You can create announcements, upload files for your students to view, discussion boards, and assignments.
- It is also a place where you can upload your students' grades for their assignments and exams.
- [Handout](#)



# Grade Center

## Grade Center : Full Grade Center

The Full Grade Center displays all columns and rows in the Grade Center and is the default view of the Grade Center. [More Help](#)

Create Column Create Calculated Column Manage Reports

Work Offline Filter

Grade Information Bar

Move To Top Email

Sort Columns By: Layout Position Order: Descending

LAST NAME	FIRST NAME	HW1	HW2	HW3	HW4	HW5	HW6	HW7	EXAM 1	HW8	HW9	HW10	HW11
		B	B	A	A	B	B	A	B-	B	F	B	F
		B	A	A	B	A	A	B	B-	A	A	B	A
		A	B	A	B	B	B	B	B-	B	B	B	F
		A	B	A	B	B	B	B	C	A	A	B	A
		F	F	F	F	F	F	F	C-/D+	F	F	F	F
		B	B	A	A	A	B	B	B-	B	B	B	B
		B	A	A	A	A	A	B	A-	A	B	B	B
		A	B	B	A	B	B	B	C	B	B	A	B
		B	B	B	B	A	B	F	B/B-	B	B	B	F
		B	B	B	B	A	A	B	C-	B	B	F	F
		B	B	A	A	A	B	B	C-	A	B	B	B
		B	B	A	A	A	B	A	B+	A	A	A	A
		B	B	A	A	A	B	A	C+	B	A	A	B
		F	F	F	F	B	B	F	C-/D+	F	F	F	F
		A	B	F	F	F	B	F	D	F	F	F	F
		B	B	A	B	F	F	B	C+	B	B	B	B
		A	B	B	A	A	B	A	A-	B	B	F	F
		B	B	C	F	B	F	B	B	B	B	F	F

Selected Rows: 0

Move To Top Email

Icon Legend

## COLUMN INFORMATION

\* Column Name

Grade Center Name

### Description

For the toolbar, press ALT+F10 (PC) or ALT+FN+F10 (Mac).

100%



P

0 WORDS POWERED BY TINY

Primary Display

Grades must be entered using the selected format. Grades display in this format in both the Grade Center and My Grades.

Secondary Display

This display option is shown in the Grade Center only.

Category

\* Points Possible

Associated Rubrics

Name	Type	Date Last Edited	Show Rubric to Students
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## DATES

Date Created

Due Date

Enter dates as mm/dd/yyyy. Time may be entered in any increment.

## OPTIONS

Select **No** for the first option to exclude this Grade Center column from calculations. Select **No** for the second option to hide this column from students in My Grades. Select **Yes** for the third option to show column statistics to students in My Grades.

Include this column in Grade Center calculations  Yes  No

Show this column to students  Yes  No

Show Statistics (average and median) for this column to Students in My Grades  Yes  No

# Best practices

- Teaching stations
  - Arrive in the classroom early and test the setup
  - Familiarize yourself with the classroom equipment and prepare your materials in advance before the class begins
  - Seek support from ITS and attend workshops, webinars that ITS provides
- VCT (Zoom)
  - Communicate expectations and guidelines for using Zoom with your students
  - Encourage active participation
  - Engage with chat and Q&A
  - Ask for consent before recording Zoom sessions
  - Utilize breakout rooms to foster collaboration and group work
- LMS (Blackboard)
  - Structure course content in easy to navigate format
  - Utilize announcements feature to keep students updated (sends email notifications to all course participants)
  - Provide constructive feedback and comments, suggestions in a timely manner



# Other Syracuse University Resources

- Center for Teaching and Learning Excellence (CTLE)
  - <https://teachingexcellence.syr.edu/>
- Center for Learning and Student Success (CLASS)
  - <https://Class.syr.edu>
- Answers
  - <https://answers.syr.edu/>
- Remote Desktop Service (RDS)
  - <https://rds.syr.edu/rdweb/webclient/>
- Qualtrics
  - <https://syracuseuniversity.qualtrics.com/>
  - Google form (yournetid@g.syr.edu)
- Kaltura
  - <https://video.syr.edu/>
- SU Makerspace
  - <https://makerspace.syr.edu/>
- ITS
  - **Physical Location:** 1-227 Center for Science and Technology ([hours](#))
  - **Phone:** 315-443-2677
  - **Email:** [help@syr.edu](mailto:help@syr.edu)



You want answers? We've got  
**Answers**

Welcome to Syracuse University's knowledge base of technical, self-help information.  
For complete results log in with your Syracuse University NetID and password.



Please use this QR code or link to sign-in for attendance:





**Any questions?**

**After this make sure to  
attend the other sessions**

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