



THE UNIVERSITY OF BRITISH COLUMBIA

Faculty of Forestry

Hybrid Teaching

Suggestions and Practices in Forestry

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Teaching and Learning Support Team, Faculty of Forestry





Overview

- **Absenteeism**
 - Suggestions
- **Hybrid Teaching in Forestry**
 - Teaching in a hybrid mode
 - Synchronous, asynchronous, and combined scenarios
- **Experience Sharing**
 - Dr. Suborna Ahmed
- **Live Streaming and Recording Options in FSC**
- **Q&A**



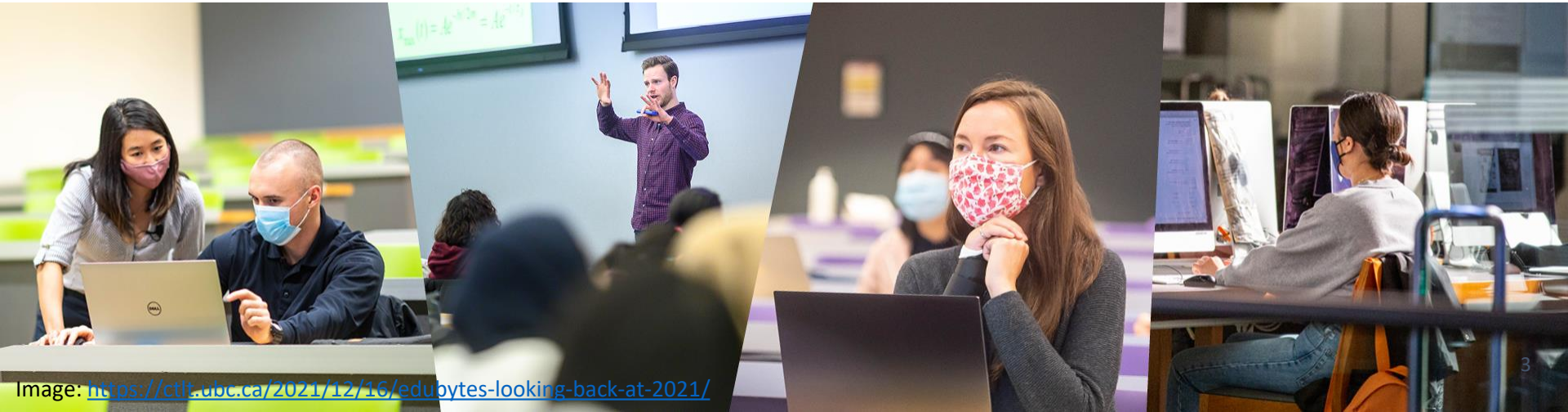
Hybrid Teaching

Hybrid teaching and learning encompasses a range of instructional models that support both on-campus and remote students in various teaching modalities.

Ideal goal: adopting different teaching modalities to achieve your unique course learning outcomes and accommodate students' needs.



In 2021W2, to provide flexible pandemic approaches (that include some hybrid elements)



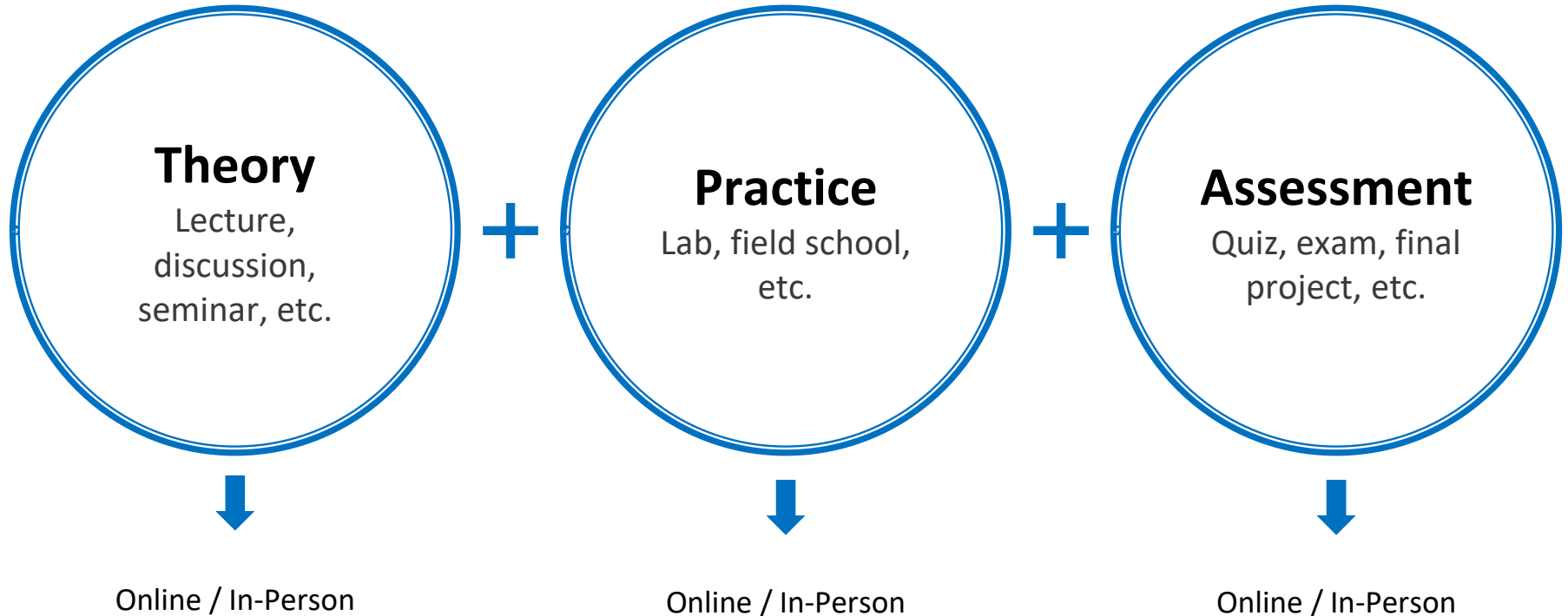
Absenteeism

If high rates of absenteeism become an issue:

- Consider a flipped classroom as a hybrid teaching
- Relax or abandon participation/attendance policies
- Hybrid classes with online lectures and in-person activities
- Communicate clearly your teaching plan with students (e.g. how many online sessions vs in-person sessions)
- Provide optional assignments for making up grades
- Give students extra credit for sharing study materials
- Repeating sessions or make assignments optional if the attendance is poor



Hybrid Teaching (Forestry's experience in 2021W1)



Hybrid Teaching in Forestry

Synchronous Scenario (multi-access)

Students on campus and online attend classes at the same time.

- Live-stream lectures, labs, etc.
- Two-way interactions during class time
- Most challenging

Asynchronous Scenario

Students on campus attend in-person classes and students online can access recordings at another time.

- No live streaming
- In-room recording of lectures, lab instructions, etc.
- Asynchronous participation

Combined Scenario

Different components have different scenarios.

- Lecture: live streaming + recording (class recording, pre-recorded videos)
- Lab: required in-person attendance + pre-recorded tutorial videos
- Exam: in-person + online Canvas exam

Hybrid Teaching in Forestry

Synchronous Scenario (multi-access)

Strengths:

- Easy to convert between in-person and online teaching
- Guest lecturer joins remotely
- Short term programs
- Case by case request

Challenges:

- Time zones
- Engage online students in course activities
- Requires live streaming
- Additional TAs and tech supports

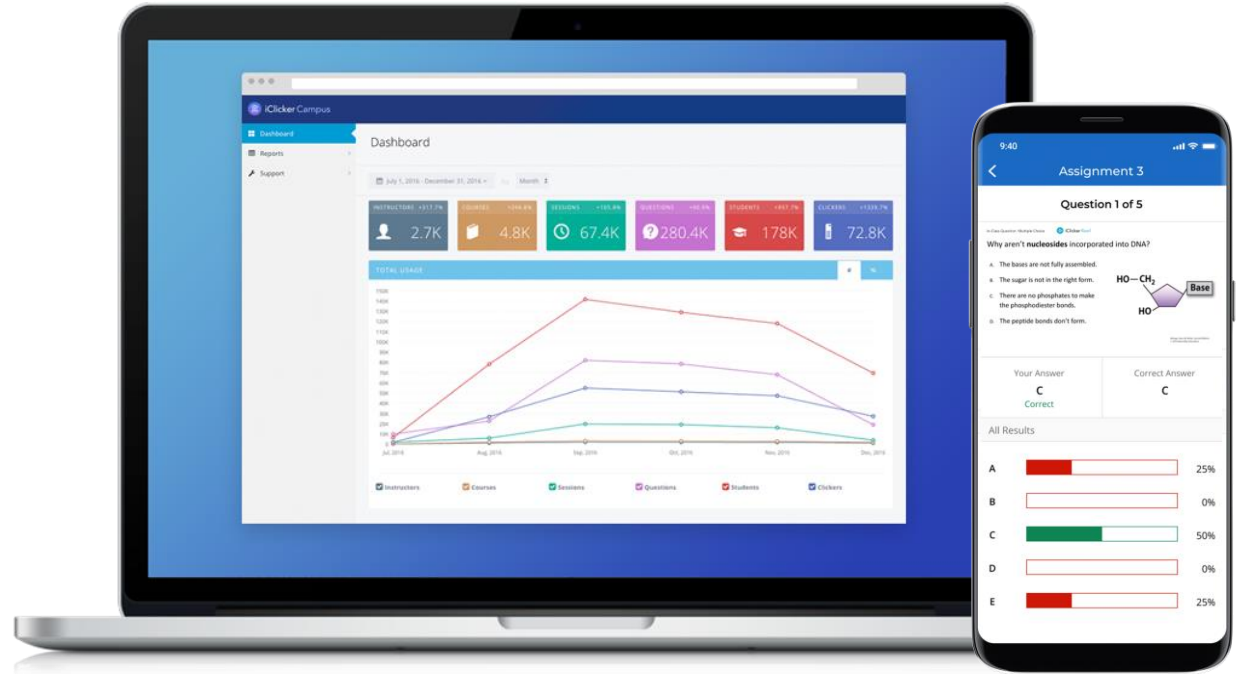


Image: <https://learningspaces.ubc.ca/recording-and-streaming-classrooms>

Hybrid Teaching in Forestry

Synchronous Scenario (multi-access)

- Interactions and engagement
- iClicker cloud polling
- Asynchronous Canvas discussion
- Zoom breakout rooms/chat
- Microsoft Teams
- Google doc



Hybrid Teaching in Forestry

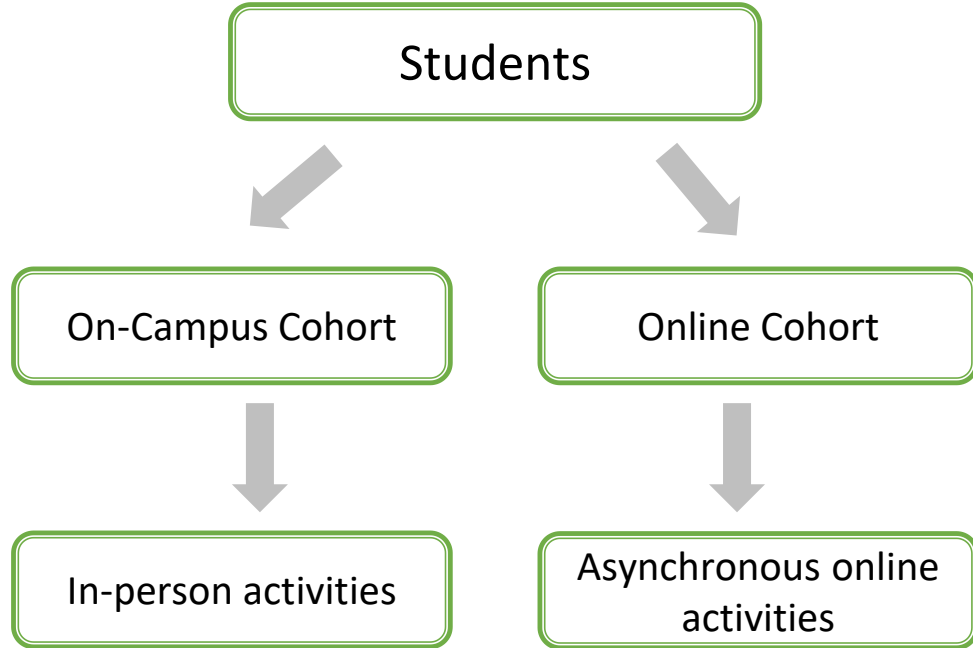
Asynchronous Scenario

Strengths:

- Accommodates time differences
- Recordings benefit all students
- Relax classroom attendance policies
- Outdoor programs

Challenges:

- Interactions with students online
- Online resources



Hybrid Teaching in Forestry

Asynchronous Scenario

Recordings

Consent is needed for sharing course recordings outside of the course where students' personal information is involved.

[Forestry teaching support copyright](#)

[UBC copyright guidelines](#)

Faculty of Forestry
Teaching & Learning Support

Home Learning Technologies Faculty Resources Workshops & Events Teaching Awards and Funding Get Help

Home > Copyright & Consent Forms

Copyright & Consent Forms

Resources:

- FAQ's: Consent to Use of Image Forms
- Sample: Consent to Use of Image or Recording
- Filled Sample: Open House
- Sample: Consent and Release for Models
- Filled Sample: Newsletters

Copyright at UBC

Home Copyright Requirements Faculty Students Staff About Us

» Home » Lecture Slides & Recordings

Lecture Slides & Recordings

- [Using Third-Party Content in Lecture Slides Displayed in Class](#)
- [Distributing Lecture Slides](#)
- [Recording Lecture Slides](#)
- [Lecture Slide Tips](#)

Hybrid Teaching in Forestry

Asynchronous Scenario

- Cloud recordings
- Kaltura videos with quizzes
- Closed captions in Zoom or pre-recorded videos
- 360° videos
- 3D models
- GAA support

zoom

Your current Time Zone and Language are (GMT-08:00) Vancouver, English [✎](#)

[All My Zoom Meetings/Recordings](#)

[Schedule a New Meeting](#)

Upcoming Meetings

Previous Meetings

Personal Meeting Room

Cloud Recordings



Hybrid Teaching in Forestry

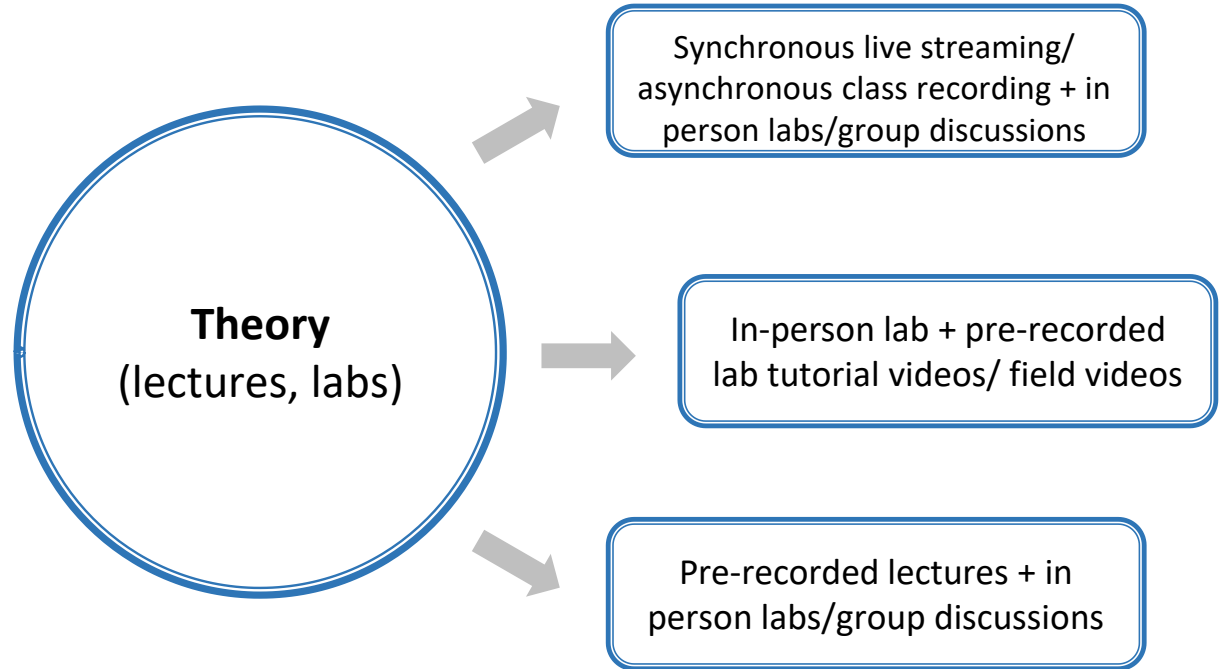
Combined Scenario

Strengths:

- Flipped classroom
- Flexible

Challenges:

- Switch between in-person and online teaching
- Clear communications
- GAA, TA, Tech support



Hybrid Teaching in Forestry

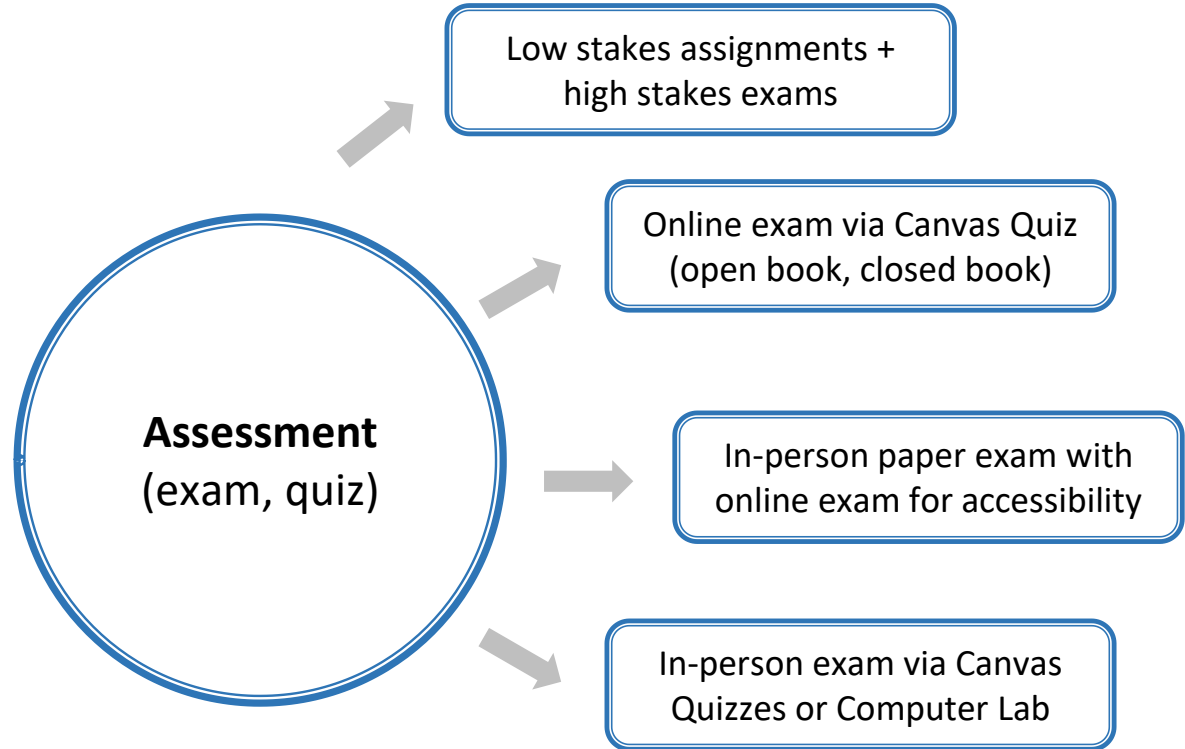
Combined Scenario

Strengths:

- Flexibility in exams
- Flipped classroom

Challenges:

- Switch between in-person and online teaching
- Clear communications
- TA and tech support





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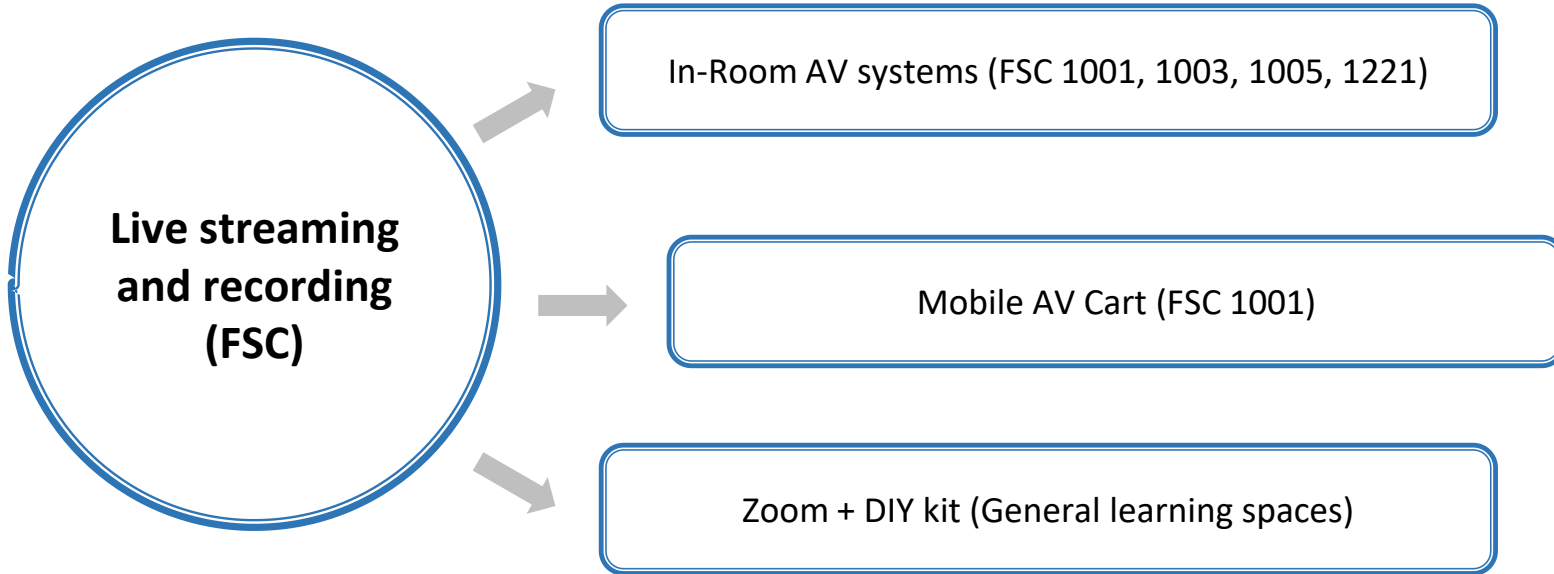
Faculty of Forestry

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Hybrid Teaching in Forestry



Hybrid Teaching in Forestry

Streaming/Recording

Updated AV Systems

FSC 1001, 1003, 1221

- OBSBOT Camera
- High quality videos
- Tracks movement



Image: <https://learningspaces.ubc.ca/recording-and-streaming-classrooms>

Hybrid Teaching in Forestry

Streaming/Recording

Updated AV Systems

FSC 1001, 1003, 1221

- OBSBOT Camera
- High quality videos
- Tracks movement
- Need to train the camera to follow you
- Contact Michelle for on-site support



Hybrid Teaching in Forestry

Streaming/Recording

Updated AV Systems

FSC 1005

- Camera captures the entire classroom
- Does not track movement
- Contact Michelle for on-site support



Hybrid Teaching in other buildings

Streaming/Recording

Teaching outside of FSC

Check out the recording features of your assigned classroom

Temporary Add-on – FSC
1001, 1003, 1221

Classrooms with Temporary Add-on Recording and Streaming:

- ANGU 037
- ANGU 039
- ANGU 098
- ANGU 232
- ANGU 234
- ANGU 235
- ANGU 237
- ANGU 241
- ANGU 243
- ANGU 254
- ANGU 291
- ANGU 292
- ANGU 293
- ANGU 295
- ANGU 296
- ANGU 332
- ANGU 334
- ANGU 335
- BUCH A203
- BUCH B208
- BUCH B213
- BUCH B215
- BUCH B313
- BUCH B315
- BUCH D217
- BUCH D218
- BUCH D219
- BUCH D222
- CEME 1202
- CEME 1204
- CEME 1215
- CHBE 101
- CHBE 102
- CHBE 103
- CHEM C124
- CHEM C126
- HENN 202
- IBLC 182
- IBLC 261
- IONA 633
- LASR 102
- LASR 105
- LSK 200
- LSK 201
- LSK 460
- MCML 158
- MCML 160
- ORCH 3002
- ORCH 3016
- ORCH 3052
- ORCH 3058
- ORCH 3062
- ORCH 3072
- ORCH 4002

Hybrid Teaching in Other Buildings

Streaming/Recording

Teaching outside of FSC

Check out the recording features of your assigned classroom

Built-in system – FSC 1005

Classrooms with Built-in Recording and Streaming:

- AERL 120
- ALRD 105
- ALRD 112
- ALRD 113
- ALRD 121
- ALRD B101
- BIOL 1000
- BUCH A202
- CHEM B150
- CHEM B250
- CIRS 1250
- ESB 1012
- ESB 1013
- ESB 2012
- FNH 60
- FSC 1005
- HEBB 100
- HENN 200
- IONA 301
- IRC 1
- IRC 2
- IRC 3
- IRC 4
- IRC 5
- IRC 6
- LASR 102
- LASR 104
- LIFE 2201
- MATH 100
- MATX 1100
- SPPH 143
- ORCH 1001
- ORCH 3004
- ORCH 3018
- ORCH 3068
- ORCH 3074
- ORCH 4018
- ORCH 4074
- PHRM 1101
- PHRM 1201
- PHRM 3208
- SCRF 100
- SWNG 121
- SWNG 122
- SWNG 221
- SWNG 222

Hybrid Teaching

Streaming/Recording

Need to reserve the in-room live streaming and/or recording **at least 2 business days** before your class

One request for one course in one classroom

https://ubc.ca1.qualtrics.com/jfe/form/SV_d0CchruSKrBVigS

The screenshot shows the UBC Learning Spaces website. At the top, there is the UBC logo and the text 'THE UNIVERSITY OF BRITISH COLUMBIA'. Below this is a dark blue navigation bar with 'Learning Spaces' and a search icon. A secondary blue navigation bar contains links for 'HOME', 'FIND A SPACE', 'NEWS', 'RESOURCES', 'FEATURES', 'ABOUT US', and 'CONTACT US'. An orange banner below the navigation bar contains an information icon and the text: 'June 30, 2021: The UBC Learning Spaces Safety Plan can be found [here](#). Visit covid19.ubc.ca for more information on UBC's response to COVID-19.' The main content area has the breadcrumb 'LEARNING SPACES » | Recording and Streaming in Classrooms' and a large heading 'Recording and Streaming in Classrooms'. Below the heading is the text 'Updated: August 30th, 2021' and a paragraph: 'In preparation for September 2021, UBC IT Audio Visual will be temporarily equipping approximately 160 General Teaching Spaces (GTS) with dedicated recording and streaming capacity (otherwise known as "Media Capture" or "Lecture Capture") over the summer. This will result in 70% of GTS classrooms of 30 seats and above having the ability to record and stream. For the remaining GTS spaces, just-in-time solutions or temporary recording carts will be available upon request. When searching for a classroom on [Find a Space](#).' A vertical 'CONTACT US' button is visible on the right side of the page.

Hybrid Teaching

Streaming/Recording

Need to reserve the in-room live streaming and/or recording **at least 2 business days** before your class

Email from UBC IT AV services for the link to live streaming and recording

No password (you can request download and upload the file to Canvas)

Thank you for submitting your recording request. I have scheduled the recorder in FSC to record on from 1:30 2:00 pm

A folder for all viewing links has also been set up at the following URL. Recordings will show up automatically when they are ready:

<https://ubc.ca.panopto.com/Panopto/Pages/Viewer.aspx?id=7fe4d8c6-8ab2-4e4c-bc95-ad8a017cac16>

Please make sure the content source you would like to be captured is on Projector 1 at all times. If you can hear the audio through the room speakers, audio will be captured in the recording. Please also note the instructor camera can only capture the front of the room, not the side or the back of the classroom.

Hybrid Teaching

Streaming/Recording

Folder for your course

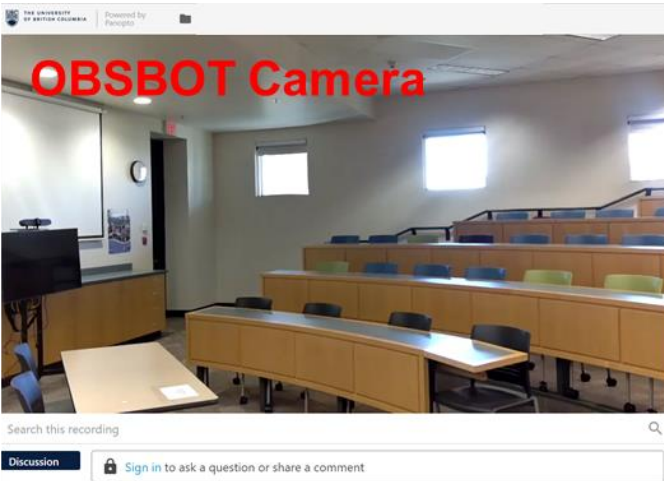
No need to sign in

Click on the name of the file to view the live streaming

Same folder to view the recordings

The screenshot shows the Panopto interface for The University of British Columbia. The top navigation bar includes the UBC logo, the text "THE UNIVERSITY OF BRITISH COLUMBIA", and "Powered by Panopto". A search bar is located on the right. The left sidebar contains navigation options: "Home", "Everything", and "Browse". The main content area shows a list of items, with one item highlighted in a red box. The highlighted item has a black video player thumbnail and the text "FSC" next to it. The interface also includes a "Refresh" button, a "Filter by date" button, and a "Sort by" dropdown menu with options for "Name", "Duration", and "Date".

Hybrid Teaching



THE UNIVERSITY OF BRITISH COLUMBIA
Faculty of Forestry

Lecture Slides

Welcome to the Class

Teaching and Learning Support Team, Faculty of Forestry

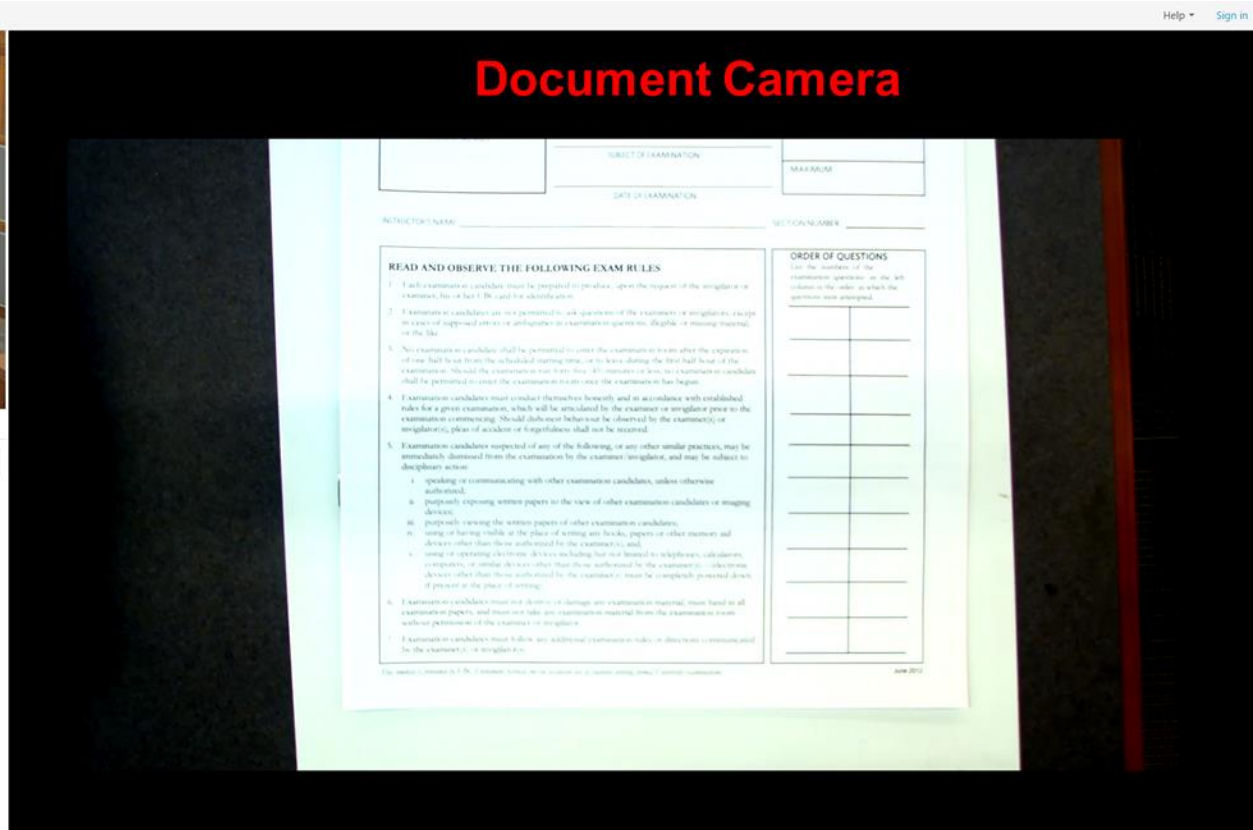


Hybrid Teaching



Search this recording

Discussion [Sign in to ask a question or share a comment](#)



OBSBOT Camera



Learning Objectives

1. To become familiar with...
2. ...
3. ...



learning

Discussion Search all Sort by relevance

Results Learning objectives 18:45

OK. Yeah, I think that you have to **learn**. You'll be able to see whether the camera is working. 24:17



learning

Discussion Search all Sort by relevance

Results Learning objectives 18:45

OK. Yeah, I think that you have to **learn**. You'll be able to see whether the camera is working. 24:17

Hybrid Teaching

Streaming/Recording

Additional Set Up with Zoom

Two-way interactions

In FSC 1001:

- Mobile AV cart



Hybrid Teaching

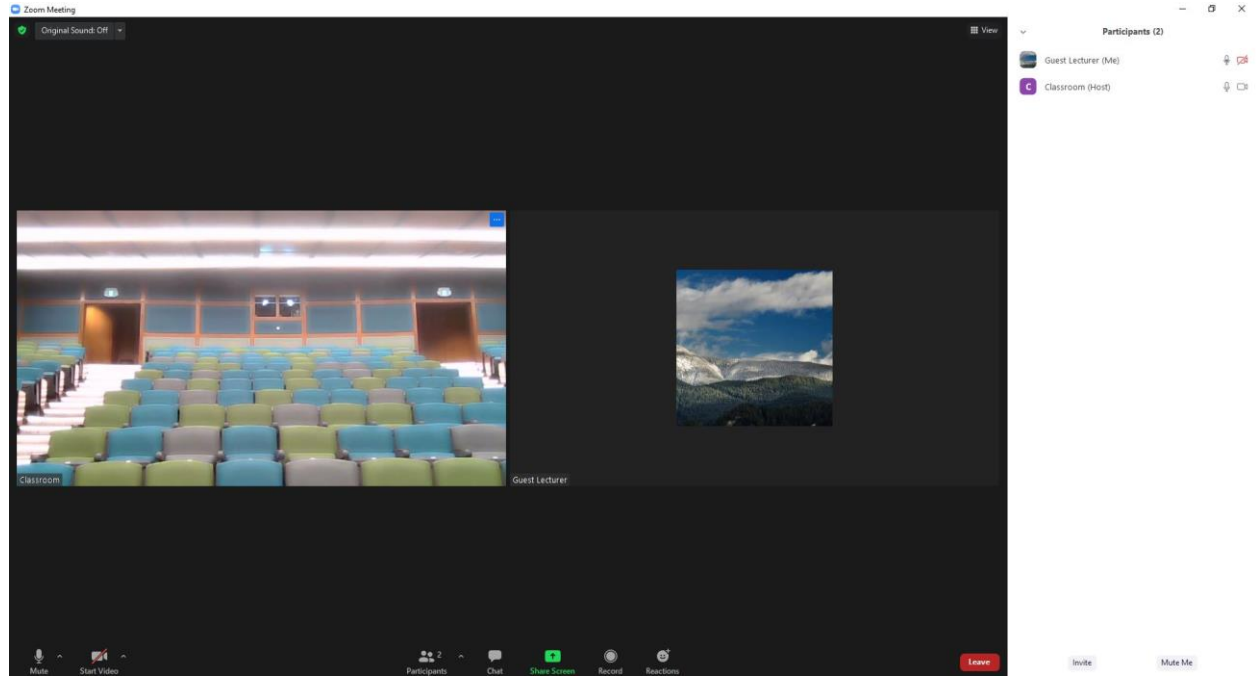
Streaming/Recording

Additional Set Up with Zoom

Two-way interactions

In other classrooms:

- Laptop + microphones
- Forestry IT may have a limited number of lapel mics for instructors to use



Hybrid Teaching

Streaming/Recording

Additional Set Up with Zoom

Two-way interactions

In other classrooms:

- DIY kit
- OBSBOT camera
- Adapters
- Lapel mic
- Contact Michelle for reserving the DIY kit

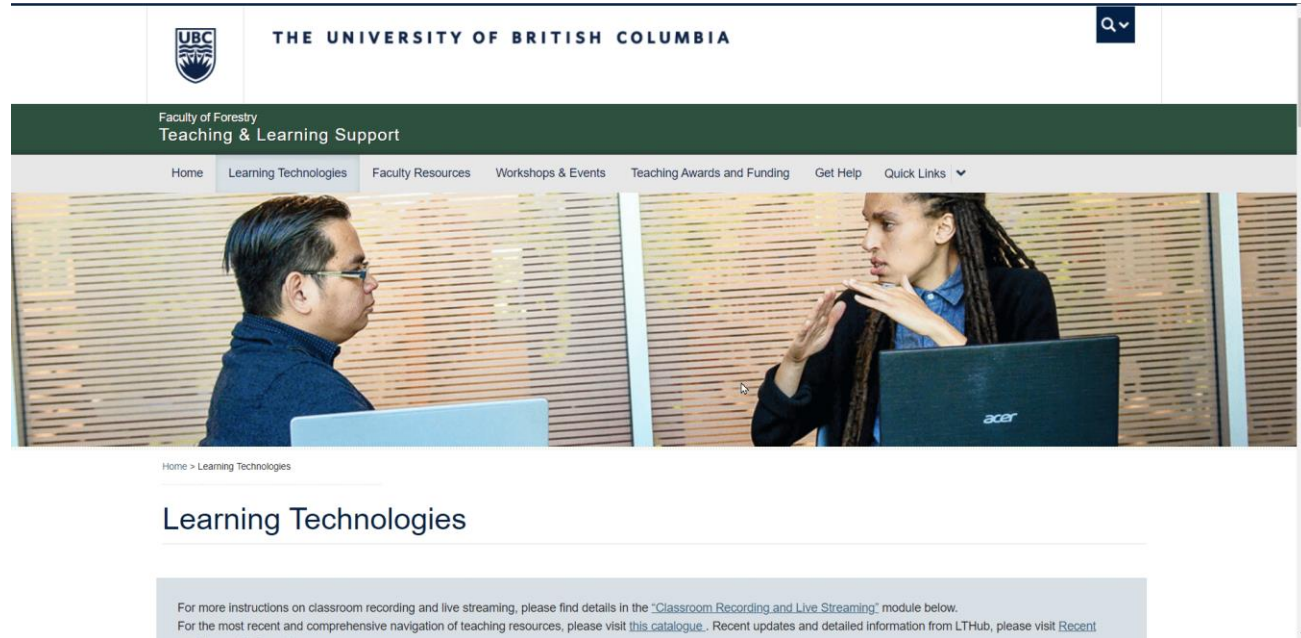


Hybrid Teaching

Streaming/Recording

Detailed instructions on filling out the request form and using in-room streaming/recording systems can be found on the Forestry Teaching and Learning Support website

<https://teachingsupport.forestry.ubc.ca/learning-technologies/recording-and-live-streaming/>



The screenshot shows the website for the Faculty of Forestry Teaching & Learning Support. The header includes the UBC logo and the text "THE UNIVERSITY OF BRITISH COLUMBIA". Below the header is a navigation menu with links for Home, Learning Technologies, Faculty Resources, Workshops & Events, Teaching Awards and Funding, Get Help, and Quick Links. The main content area features a large image of two people, a man and a woman, sitting at a table with laptops, engaged in a discussion. Below the image is a breadcrumb trail: "Home > Learning Technologies". The main heading is "Learning Technologies". At the bottom, there is a text box with instructions: "For more instructions on classroom recording and live streaming, please find details in the 'Classroom Recording and Live Streaming' module below. For the most recent and comprehensive navigation of teaching resources, please visit [this catalogue](#). Recent updates and detailed information from LTHub, please visit [Recent](#)".

Hybrid Teaching

Other Options

Camtasia

- Video recording
- Audio recording

PowerPoint

- Voice over slides

Voice recorder applications

- Audio recording



Hybrid Teaching

Other Options

Camtasia

- Video recording
- Audio recording

Download from Canvas

Help -> Software Distribution



Account



Admin



Dashboard



Courses



Calendar



Inbox



History



Commons



Help

Faculty: Contact Your Support Unit

Get in touch with your faculty's Instructional Support Unit (UBC Vancouver) or the Centre for Teaching and Learning (UBC Okanagan) for support with Canvas.

Faculty & Staff: Contact the LT Hub

Contact the Learning Technology Hub for support with Canvas.

Ask the Community

Get help from a Canvas expert.

Submit a Canvas Feature Idea

Do you have an idea that could improve Canvas? Submit your idea to the Canvas community or vote on ideas others have submitted.

Software Distribution

Access teaching and learning software that UBC has licensed for faculty and students. If you have questions or require assistance, please contact LT.Hub@ubc.ca

UBC Library Online Course Reserves (LOCR)

Learn more about using the UBC Library Online Course Reserves.

Learning Tools Provisioning Service (LTPS)

Manage User Enrolments and Manage Section and Links.

Hybrid Teaching

Other Options

Camtasia

- Video recording
- Audio recording









Download from Canvas

Help -> Software
Distribution

Choose the latest version

Students Staff

UBC Licensed Software

 iClicker Classic	 MATLAB	 NVivo	 Respondus Quiz
 VideoScribe	 Camtasia 2021	 Snagit 2022	 Camtasia 2020

Hybrid Teaching

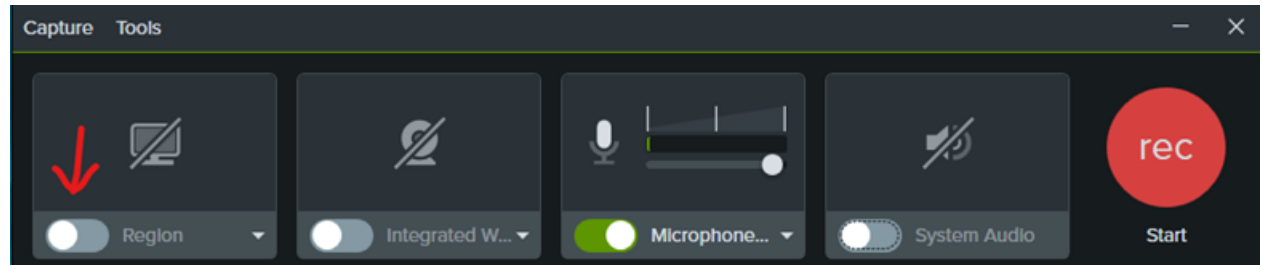
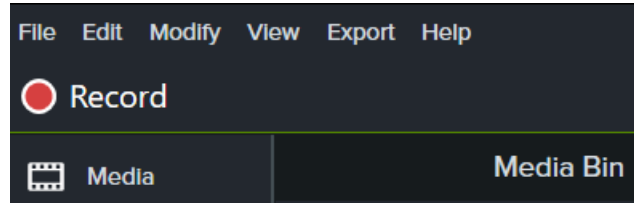
Other Options

Camtasia

- Video recording
- Audio recording

To start recording, click on the Record button in the interface

To record audio only, turn off the first button in the Capture tools and only keep the sound input (e.g. Microphone) on



Hybrid Teaching

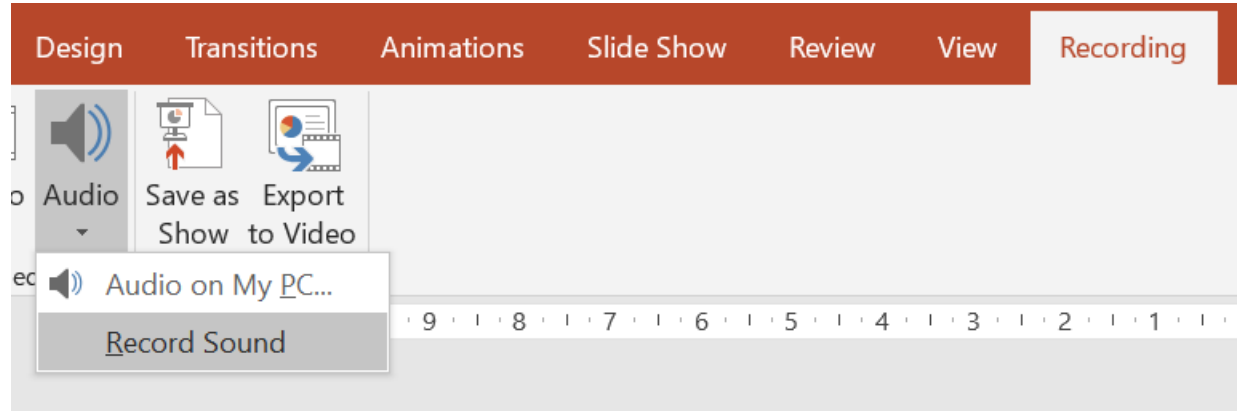
Other Options

PowerPoint

- Voice over slides

Advantages

- Easy to record and edit
- Can adjust the pace of the recording
- Output file has a relatively small size
- Can revise the voice over messages for specific slides in the future

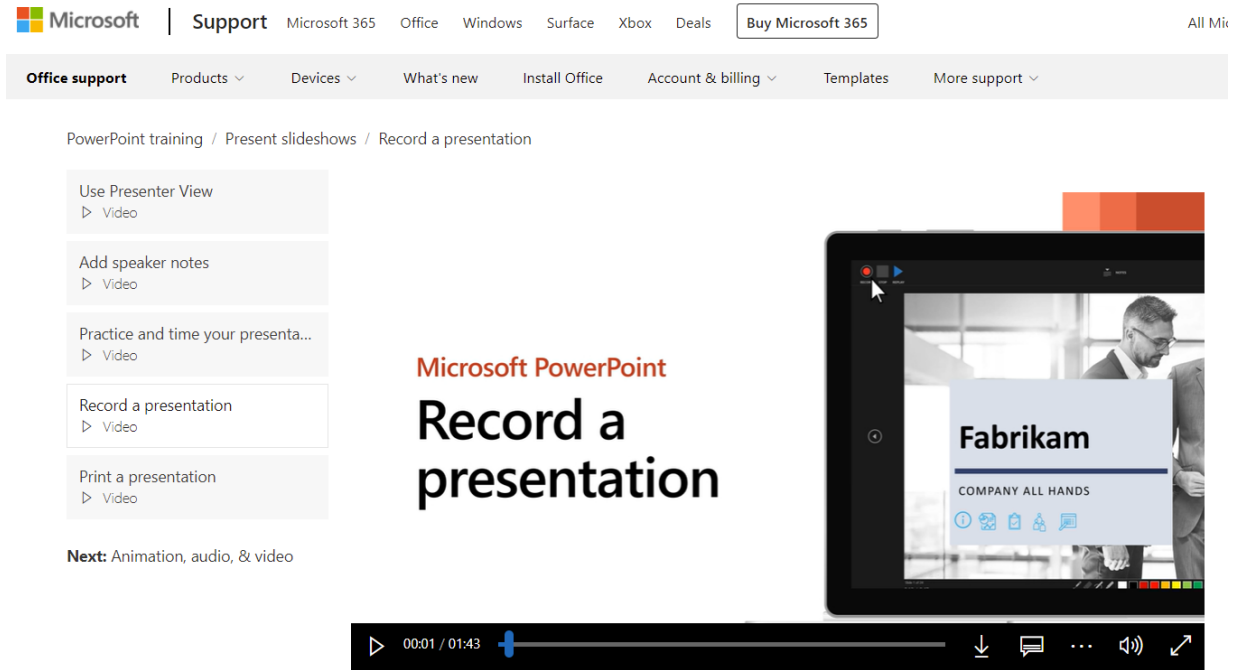


Hybrid Teaching

Other Options

PowerPoint

- Record screens/videos
- <https://support.microsoft.com/en-us/office/record-a-presentation-2570dff5-f81c-40bc-b404-e04e95ffab33?ui=en-us&rs=en-us&ad=us>



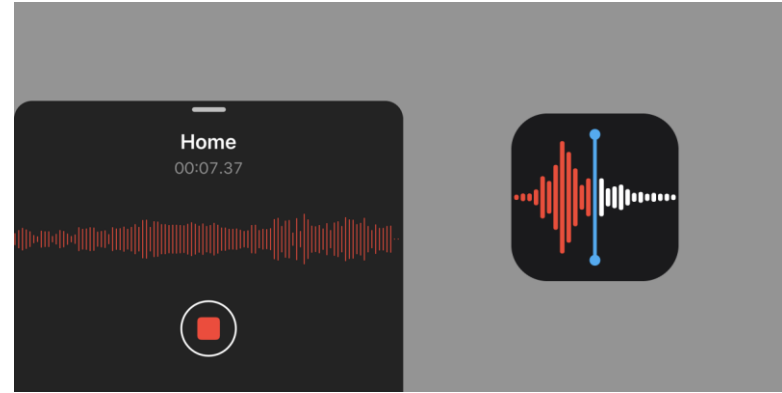
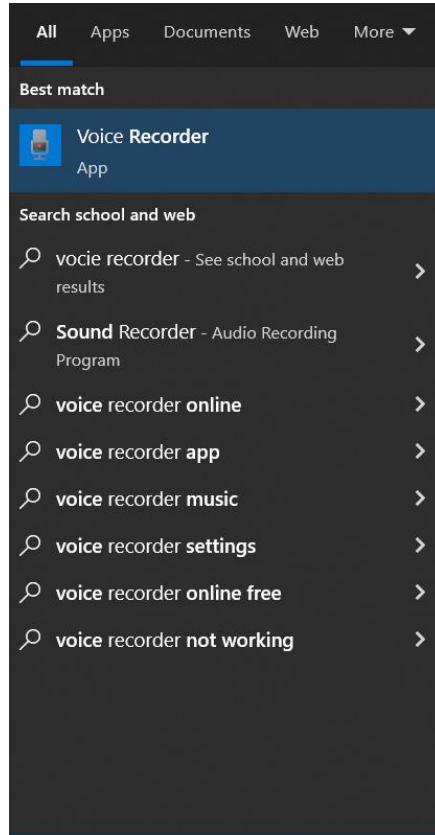
The screenshot shows the Microsoft Support website. At the top, there is a navigation bar with the Microsoft logo, the word "Support", and links for "Microsoft 365", "Office", "Windows", "Surface", "Xbox", and "Deals". A "Buy Microsoft 365" button is also present. Below this is a secondary navigation bar with "Office support" and dropdown menus for "Products", "Devices", "What's new", "Install Office", "Account & billing", "Templates", and "More support". The main content area is titled "PowerPoint training / Present slideshows / Record a presentation". On the left, there is a list of video links: "Use Presenter View", "Add speaker notes", "Practice and time your presenta...", "Record a presentation" (highlighted), and "Print a presentation". Below this list, it says "Next: Animation, audio, & video". The main part of the page features a large video player with the text "Microsoft PowerPoint Record a presentation" and a thumbnail image of a man in a suit looking at a tablet displaying a slide titled "Fabrikam COMPANY ALL HANDS". The video player has a progress bar at the bottom showing "00:01 / 01:43" and various control icons.




Hybrid Teaching

Other Options

Voice recorder applications

- Audio recording
- Students can listen to the audio while reviewing the slides
- Need to use microphones for sound input



1. In the Voice Memos app  on your Mac, click the Record button  (or use the [Touch Bar](#)).
2. To pause, click the Pause button . To continue, click Resume.
3. When you finish, click Done in the lower-right corner.

Hybrid Teaching

Faculty of Forestry
Teaching & Learning Support

[Home](#) [Learning Technologies](#) [Faculty Resources](#) [Workshops & Events](#) [Teaching Awards and Funding](#) [Get Help](#) [Quick Links](#) ▼

Forestry Teaching & Learning Support

Support for faculty members and students as they embark on various teaching and learning adventures.





THANK YOU