

## Synchronous Classrooms

### Overview

Room Type	Number of Rooms	Video Streaming	Audio Streaming	Content Streaming	Conferencing	Kaltura Recording	Webex Recording
Synchronous Learning Spaces	5	✓	✓	✓	✓		✓
Immersive Synchronous Lecture Halls	2	✓	✓	✓		✓	✓
Camera-Equipped Spaces	9	✓	✓	✓		✓	✓
Audio & Screencasting Classrooms	123		✓	✓		✓	✓

Notes:

- *Streaming*: remote students can observe, but not participate
- *Conferencing*: remote students can observe and participate
- *Kaltura recording*: the ideal recording solution if there are no remote participants
- *Webex recording*: the ideal recording solution if there are remote participants

### Synchronous Learning Spaces (5)

- Ideal for any class with a remote participant, regardless of whether he/she is a student or the instructor
- Provides instructor and student audio, video, and content to anyone in the classroom or to remote participants on the web
- In-room codecs and dual screens at the front of the room provide separate displays of content and remote participants. Rear screen provides view of remote participant
- Class can be recorded

Audio/Video/ Content Streaming	Conferencing	Webex Recording
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Campus	Classroom	Capacity
Busch	Chemistry & Chemical Biology 1303*	117
College Ave.	Rutgers Academic Building 1170	118
Cook/Douglass	Institute of Food Nutrition & Health 205	44
Livingston	Tillett Hall 224	27
	Tillett Hall 118 (DCS Training Center)	18

\*This room only has one front screen.

## Immersive Synchronous Lecture Halls (2)

- Ideal for classes with
  - an instructor and students in Immersive Synchronous Lecture Halls
  - remote students who do not participate
- In-room codecs, cameras, and screens provides life-size streaming of instructor and student audio/video and content to other Immersive Synchronous Lecture Halls
- Web streaming experience is currently limited to audio/video/content of instructor. DCS is working to include aspects of the life-size, in-room experience to remote participants

Audio/Video/Content Streaming	Kaltura Recording	Webex Recording
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Campus	Classroom	Capacity
Busch	Wright Lab Auditorium	132
Cook/Douglass	Loree 024	141

## Camera-Equipped Spaces (9)

- Ideal for classes with remote students who do not participate
- Provides instructor audio, video, and content to anyone on the web
- Rooms do not have codecs for conferencing, which would enable students to participate in class
- Class can be recorded

Audio/Video/Content Streaming	Kaltura Recording	Webex Recording
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Campus	Classroom	Capacity
Busch	Biomedical Engineering 102	147
	Fiber Optics EHA	178
	Richard Weeks 102	138
	Richard Weeks 105	285
Cook/Douglass	Food Science 101	48
	Food Science 109	48
	Food Science AUD	194
	Institute of Food Nutrition & Health 101	70
Livingston	Tillett Hall 254	204

## Audio and Screencasting Classrooms (123)

- Ideal for classes that:
  - Include remote students who do not participate; and
  - do not require that the instructor be seen
- Provides instructor audio and content to anyone on the web.
- Class can be recorded.
- Video stream can be added with a portable webcam.

<b>Audio/Content Streaming</b>	<b>Kaltura Recording</b>	<b>Webex Recording</b>
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## Notes

- An additional 150 classrooms can accommodate streaming, remote instruction, and recording with portable equipment, which you can request from DCS.
- WebEx is not currently integrated into Canvas. Rutgers is currently working with Cisco/WebEx on expediting Canvas integration.
- Big Blue Button, which is integrated into Canvas, can be used for streaming in camera-equipped and delivery rooms.
- Classes in Active Learning Spaces or active classes in traditional spaces do not lend themselves well to traditional methods of streaming.
- Public information on DCS's synchronous spaces is available at:  
<https://dcs.rutgers.edu/classrooms/video-conference-spaces>
- Information on requesting assistance for streaming and video conferencing in synchronous spaces or in any other DCS-supported spaces is available at:  
<https://dcs.rutgers.edu/contact-dcs/video-conference>