

# NAUFlex Classroom Management

*This session is a collaboration of NAU Online,  
e-Learning, and ITS Classroom Support.*



## QUESTIONS TO CONSIDER

- Instructors teaching in classrooms that cannot accommodate all students due to the COVID cap, should create rotating groups of students and determine when they attend in person.
- We may need to consider student needs for the benefit of all. For example, some students may need to attend all in person classes on particular days so they are not congregating in common areas to “get to” their online class.
- Can you create a “backup” plan for students who are unable to attend in person or remotely due to illness or connectivity issues?



## GROUPING STUDENTS ACROSS PARTICIPATION MODES

- To increase community and adhere to physical distancing, it would be ideal to group remote attending and in person students.
- If this is not possible, can you consider grouping students across participation modes for online or group activities (discussion groups, group projects, peer review)?
- If your grouping plan during synchronous meetings runs into an issue, could you create a backup plan? Have all in person students work together and group remote attending students in break out rooms?



# TOOLS TO CONSIDER FOR GROUPING (RANDOM, SELF SELECT, TOPICAL)

- Bb learn groups
- Collaborate grouping in break out rooms

If you would like to survey your student's needs/preferences:

- Google survey
- Qualtrics
- Bb Learn tests
- Classlists





# TOOLS FOR COLLABORATION

- Blackboard
  - **Groups**
    - File Exchange, Discussions, Assignments, Blogs, Wikis, Journals, Collaborate Ultra
  - **Collaborate**
    - Breakout Rooms
- Zoom (<http://nau.zoom.us>)
- Kaltura (record presentations, video lab activities, field trips, create case studies)
- Online Office Suite alternatives
  - **Google Apps** (<http://gdrive.nau.edu>)
  - **Microsoft Teams**
- ELC Tutorials on these tools
  - <https://in.nau.edu/elearning/elc-tutorials/>



## NAUFLEX CLASSROOM TECHNOLOGY

- ITS-mediated classrooms will receive simple yet high-quality webcams and microphones to enable video conferencing, allowing for instruction to be consumed from any location synchronously.
- To-Go kits with high-quality webcam with microphone, portable document camera, USB hub and (in some cases) 2-in-1 laptop/tablet will allow instructors with approved accommodations to teach remotely.
- NAU is re-prioritizing Technology Fee funds that were earmarked for computer upgrades and classroom improvements.



# NAUFLEX CLASSROOM TECHNOLOGY

## AVerMedia Live Streamer Cam 313

- Adds simple hardware to enable audio and video recording/streaming

## 18" OnStage gooseneck with flange mount and webcam thread adapter

- Secures webcam to existing lecterns and allows for flexibility of webcam directionality





# NAUFLEX CLASSROOM TECHNOLOGY

## ViewSonic TD2455 24" Interactive Display

- Adds digital annotation capability

## USB Connection for existing Lumens PS752 Document Camera

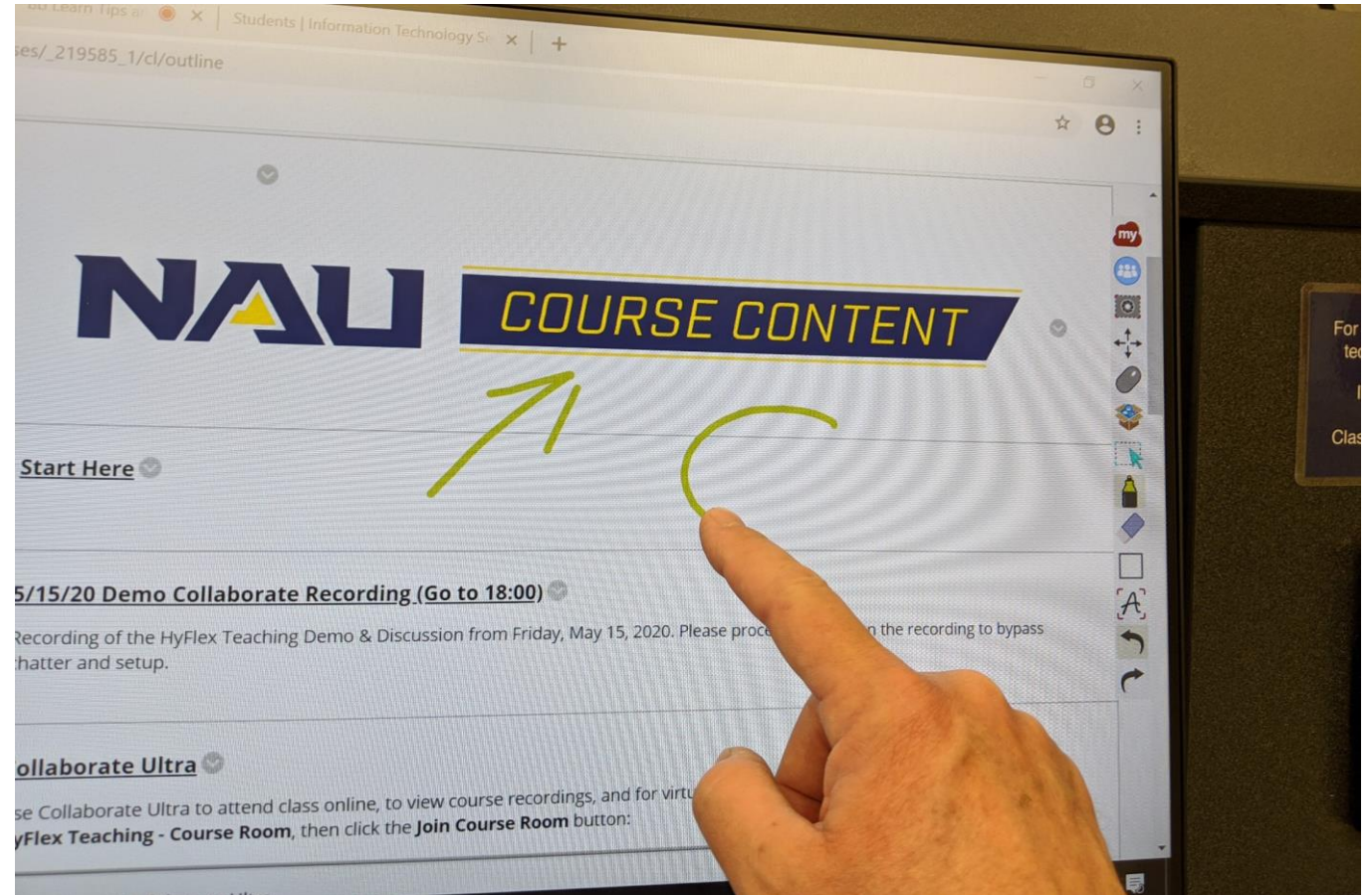
- Adds ability to stream document camera image to remote users





# NAUFLEX CLASSROOM TECHNOLOGY

Interactive touchscreen displays will replace existing lectern monitors, allowing for direct annotation on screen





# NAUFLEX CLASSROOM TECHNOLOGY



- Installations are already underway thanks to quick sourcing of hard-to-obtain hardware.
- Classroom Support is on target to have all mediated classrooms upgraded by August 12.
- Contact ITS if you would like to pilot NAUFlex this summer.



# PREPARING TO TEACH WITH NAUFLEX

- Familiarize yourself with the standard NAU lectern and document camera:
  - [https://nau.service-now.com/sp?id=kb\\_article&article=KB0013364](https://nau.service-now.com/sp?id=kb_article&article=KB0013364)
- Familiarize yourself with Bb Collaborate
  - [https://nau.service-now.com/sp?id=kb\\_article&article=KB0012869](https://nau.service-now.com/sp?id=kb_article&article=KB0012869)
- Set up your Collaborate session(s)
  - Make sure to [set up Collaborate attendance reporting](#)
- Practice, practice, practice!
  - Classrooms will be available in July and August for hands-on practice
  - Join a colleague in a [Collaborate Test Room](#) to try things out



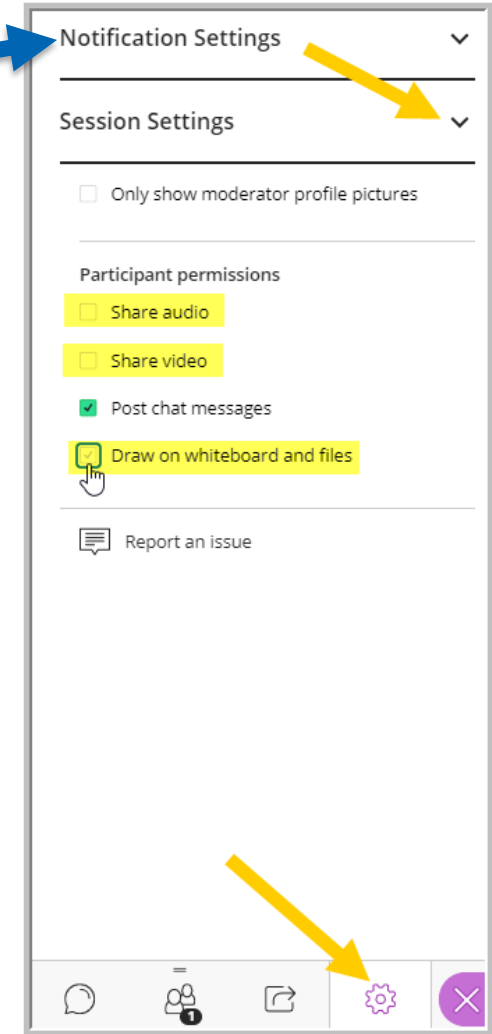
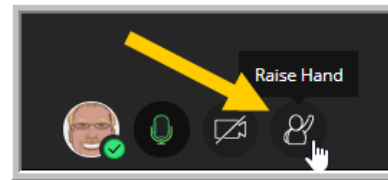
## IN THE NAUFLEX CLASSROOM

1. Turn the lectern on
2. Log onto the lectern computer
3. Launch Bb Learn (Chrome is recommended)
4. Launch Collaborate
5. Check your microphone and camera settings
6. Upload any files you want to share (may be done ahead of time)
7. Teach!



# TEACHING TIPS

1. Disable/re-enable students' audio, video, chat and/or whiteboard drawing as needed
2. Pause your lecture occasionally to check chat for questions, enable student audio, etc.
3. Have students use the Raise Hand tool to manage discussion and questions
4. Use Collaborate Breakout Groups for remote student group discussion
5. Tell students with slower network connections to turn off their webcams





## COMING SOON

- Some classrooms will be made available for hands-on familiarization and practice (by mid-July)
- Video walkthrough of classroom technology (by mid-July)
- Online proctoring information for Fall
- More FAQs added every week:  
<https://nau.edu/nauflex/faculty>





# Q & A

To ask a question, you can use the **chat feature** or **raise your Zoom hand**.

**Samantha** *NAU Online*

**Larry** *e-Learning*

**Dan** *Information Technology Services*



# THANK YOU!

Session	Day	Time
NAUFlex: Engagement and Community NAUFlex: Alternative Assessments	<i>Recording Available</i> <i>Recording Available</i>	
NAUFlex Classroom Management	Friday, June 26	10:00-11:00
NAUFlex Course Design Workshop (4-day facilitated online workshop)	Multiple Dates See registration.	

[nau.edu/facdev](https://nau.edu/facdev)

Register for upcoming  
events

NAUFlex FAQs at [nau.edu/nauflex](https://nau.edu/nauflex)

[LMS-Faculty-Help@nau.edu](mailto:LMS-Faculty-Help@nau.edu)