



What You Need to Know to Teach Outside the Classroom

Center for Teaching and Learning



Synchronous vs. Asynchronous Teaching

- **Synchronous Teaching:** instructors and students are online at the same time, and teaching occurs in real time.
- **Asynchronous Teaching:** instructors and students are online at different times and teaching occurs without real time interactions with students.
- Successful teaching combines both synchronous and asynchronous teaching methods.



USNA Supported Educational Technologies for Remote Teaching

Synchronous Teaching Tool

- Google Hangouts Meet

Synchronous & Asynchronous Teaching Tool

- Panopto

Asynchronous Teaching Tools

- Blackboard
- Google Classroom
- Respondus
- LockDown Browser

Google Hangouts Meet

- A Web conferencing system that supports audio, video, text and screen sharing.
- Use Google Hangouts Meet to:
 - Conduct live classes
 - Meet with students online
 - Meet with colleagues online



Google Hangouts Meet Quick Start Guide



1. Schedule a Google Hangouts Meet through Google Calendar and invite your students (Add an event >> **Add conferencing**)
2. Connect a microphone(optional) and a Web cam(optional) to your computer
3. Click on the Calendar event and then **Join Hangouts Meet** and follow onscreen instructions to join the meeting
4. Click on **Present now** to share your screen

Panopto

- Panopto is a lecture capture system that allows instructors to create, manage, and distribute searchable multimedia.
- Use Panopto to:
 - Record and distribute lectures and flipped classroom videos outside of class
 - Live broadcast a lecture during class time
 - Record and distribute lab demonstrations, training programs, simulations, etc.



Panopto Quick Start Guide

1. Connect a microphone and a Web cam(optional) to your computer
2. Log into Blackboard
3. Click on any course title that you teach under **My Courses** to enter a Blackboard course site.
4. Click on **Panopto Video** on the **Course Menu** (If you don't see the **Panopto Video** link, click the **+sign >>Tool Link**, give a name for the tool, and for the **Type**, select **Panopto Course Tool Application** from the drop down menu to add it to the course menu.)
5. Follow the onscreen instructions to provision the course for Panopto.
6. Click on the **Create** button and select **Record a new session**.



Blackboard

- A course management system
- Use Blackboard to:
 - Post course documents
 - Communicate with students
 - Collect assignments (SafeAssign Dropbox)
 - Have online discussions
 - Give online quizzes with/without Respondus Lockdown Browser
 - Manage course grades



Google Classroom

- A course management system
- Use Google Classroom to:
 - Post course documents
 - Communicate with students
 - Collect assignments
 - Have online discussions
 - Give online quizzes
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