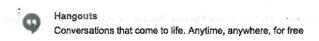
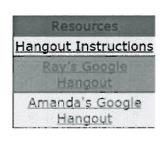


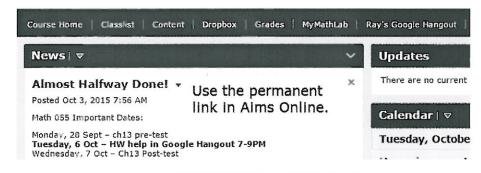
Synchronous - Disregards place

Asynchronous - disregards time and place



Google Hangouts provides a tool for students to learn and interact with the instructor or class regardless of location. Students can be at home or on other campuses. Students and instructors have access to all Google tools for free because the schools uses GMail. Access through the Google menu after you select e-mail or calendar.





To help ensure students and instructors meet in the same room consistently a permanent link is available that can be embedded into Aims Online or other web page. If a permanent link is not used, then Google assigns a link that changes. Instructors can use an invitation to advise students of the link. Embedding into Aims Online makes the sign-in process easier for the student.

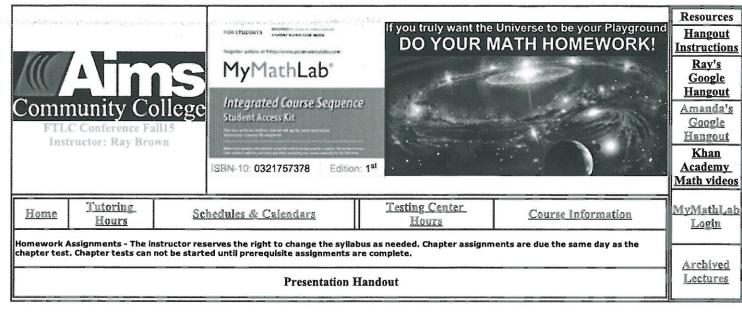


Instructors can chat with students through text or a microphone. Students can use the chat window or microphone. Instructors and students can share screens. Done in a live classroom this allows students to interact with the instructor. Depending on audio settings students in the classroom may be able to hear what is said online. Repeating of questions is needed since the students in the classroom do not have microphones.

**Example Lesson with Google Hangouts** 

Make a Hangout Appointment w/Ray There are tools to link to a public Google calendar to schedule appointments. The school calendar is not public so dual calendars are needed to use a 3rd party program.

www.appointlet.com - Used to be free for a basic plan but they appear to be charging now.





Microsoft Wireless Display Adapter (MWDA) - Allows a direct connection between the Microsoft Surface Pro 3 or other Miracast enabled device and the projector. Independent of the school's Wi-Fi system. requires a projector with a HDMI input and USB port for power. Some consoles can be reprogrammed to allow switching to HDMI as the source input. Contact Nathan Wright for assistance.

MS website

Connecting to the device - Initial Pairing

In Class Synchronization



Creates an ink layer that can be used for annotations. Also provides the ability to screen record, use a white board, and multiple pages. Allows for click through to interact with the computer.

YouTube Video Example Student Feedback Example D2L Feedback Example

PDF Example



Software installed in many classrooms to be used in conjunction with the Smartboard. Has the capability to create a transparent layer for annotating on the screen. Does not require an additional ink layer as the Smartboard tools are accessible. Notebook software is loaded on the MS Surface. Can be used with Microsoft Wireless Display Adapter. Lower the resolution if the device often disconnects.

Lesson Example



PowerPoint does not require an additional ink layer since it has a pen tool for annotating slides. The software detects dual screens so uses the presenter's view on the MS Surface.

<u>Lesson Example - Lynn Mora</u>

CNET: Miracast: Everything to know about mirroring Android

Miracast write-up and comparison

Miracast Devices and technical information