


Remote Tutoring Quick Facts

Modeled after RIT/NTID faculty-student in-person tutoring
Conducted ~ 130 synchronous sessions with 13 tutors, 32 students
Google+ Hangouts as web conferencing platform
Chromebooks, Macs, PCs, iPads & other tablets
On-line resources, paper/pen, whiteboards, Conceptboard (virtual whiteboard)
Asynchronous tutoring sessions

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- ### Synchronous Tutoring Benefits
- Sharing documents
 - Searching & highlighting key phrases with student
 - Observing students' homework, watching for mistakes, providing faster feedback
 - Classes with many online resources
 - Better accommodation to student schedules
 - Meet multiple students simultaneously



Google+ Hangouts: Accommodating to Schedules


- Traditional face-to-face tutoring requires:
 - Mutual availability of both faculty member and student during normal work hours
 - Student class schedule
 - Student work schedule
- Student can receive tutoring from dorm, off-campus
- Tutor can conduct tutoring from home, office, campus or traveling (conference)

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Synchronous Tutoring Challenges

- Digital whiteboard
- Unannounced changes in Google+ interface
- Eye contact & turn-taking different online




Asynchronous Tutoring Benefits

- Provided flexibility for travel when there were time differences between tutor and student or other schedule conflicts
- Allows students to process material at their own pace




Socialization

- Remote mentoring
 - D/HH STEM professionals
 - Personalized recruiting
 - Application including background check
 - Google+ presence
 - Mentoring platforms
 - Google+ private community
 - Google+ Hangouts
 - Email
 - Face-to-face meetings
 - YouTube video interview



Socialization


- Peer-to-peer (community) interaction
 - Google+ private community
 - STEM articles of interest
 - Share student schedules
 - Announcements (events, internships, scholarships)
 - Open forum for mentors to provide 1-to-many mentoring in forms of
 - Information sharing (e.g., pictures of work)
 - Job opportunities
 - Offers for assistance



Socialization

Social networking through social media

This is an example of a post within the private community.



+1's

Post

Additional comments



Accessible Media

- Curated STEM Resource library on our public website: www.dhhvac.org
 - Project publications and presentations
 - Relevant work by others
 - STEM ASL dictionaries (e.g., ASL-STEM Forum)
 - Links to accessible STEM resources (e.g. Khan Academy, Math for College)
- STEM-relevant articles and videos in Google + Private community



For Your Consideration

How do you:

- Regularly communicate with students?
- Coax shy or isolated students to participate in class discussions or activities?
- Foster professional awareness and identity for your students or create connections between course content and “real world” topics?



Discussion

- Which aspects of the DHHVAC would be appropriate for your campus?



Discussion

Questions?

Answers!



Contact Information

Deaf STEM Community Alliance

<http://www.dhhvac.org>

OR

lisa.elliott@rit.edu