

Welcome to the HIVE!

The HIVE is a part of the
Trefny Innovative
Instruction Center at the
Colorado School of Mines

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At the HIVE, we can help
you create instructional
media to broaden the
scope of who you can
reach as well as deepen
the impact
that you can have

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We have a range of
resources available
and look forward
to working with you

Please visit our
website

<https://trefnycenter.mines.edu/hive/>

for more information,
FAQs, tutorials, and
to schedule an
appointment to get
started with creating
the perfect media for
your instructional
needs

References

- [1] "Special Edition." Journal of STEM Education, 2010, pp. 24–25.
- [2] Liu, Z. and Yuan, S. M. (2005). The construction of web-based mastery learning system.
- [3] Malhotra, Nisha. "Asynchronous Video: A Powerful Way to Teach, Present, and Communicate with Students: Faculty Focus." Faculty Focus | Higher Ed Teaching & Learning, 8 June 2021, www.facultyfocus.com/articles/online-education/online-course-delivery-and-instruction/asynchronous-video-a-powerful-way-to-teach-present-and-communicate-with-students/

The HIVE

Helps develop
Instructional resources,
Video and
Educational media



Our student employee team provides multimedia support for online, remote, and campus courses

What We Do

Enhance the use of multimedia to provide effective and efficient ways for learning by:

- Editing instructional footage
- Providing recording equipment for checkout (cameras, microphones, tripods, etc.)
- Self-service use of our two Voiceover/Screen Capture recording studios (with Camtasia software)
- Self-service use of our Green Screen Studio
- Self-service use of our Lightboard Studio
- Providing Resources and Tutorials through our website

The Process

- Schedule an appointment for one of the HIVE Services
- Pre-Production Meeting: discuss and plan out your project needs and timeline
- Record Your Multimedia: use one of our self-service studios, check out equipment, or record via Zoom, etc.
- Upload your MP4 Footage through our Website: once received, our HIVE team will edit the audio and video, incorporating any requests you may have; please allow 1-2 weeks for editing
- Once Complete: a draft will be sent to you to review, with revisions made as needed
- Final Videos: are stored in our system for continuing access

Results

HIVE ANNUAL RECAP	2017	2018	2019	2020
Pre-Production Planning Meetings	21	37	68	47
Voiceover Recordings	11	27	103	23
Green Screen Filming	96	62	133	20
Filming of a Lecture, Seminar or Other Special Event on Campus	14	69	19	11
Editing Appointments	21	21	14	1
Equipment Checkouts	3	33	82	39
Number of Students, Faculty, Staff, and Students We Have Worked With	180	183	226	241
Completed Videos	389	435	600	932
Average Video Length in Minutes	16	19	14	16
Video Views	29,000	53,000	49,000	131,000

Importance of Instructional Media

- “Multimedia-based instructional materials have been identified as an important tool for managers and students in their efforts to connect and apply classroom theory-based learning with the analysis of real world problems.” [1]
- “Incorporating simulation or multimedia content into instructional materials enhances student understanding and retention.” [1, 2]

Benefits of Instructional Media

- Ability to replay instructional videos to review: 51.2% of students replayed lectures 2-4 times in a case study [3]
- Ability to access instruction when it is needed, such as for review, taking notes at an individual pace, catching up, and asynchronous instruction to best fit personal schedules. [3]

CONTACT US

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