Welcome to the HIVE!

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

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.

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
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

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]

Results

<table>
<thead>
<tr>
<th>HIVE ANNUAL RECAP</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-Production Planning Meetings</td>
<td>21</td>
<td>37</td>
<td>68</td>
<td>47</td>
</tr>
<tr>
<td>Voiceover Recordings</td>
<td>11</td>
<td>27</td>
<td>103</td>
<td>23</td>
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<tr>
<td>Green Screen Filming</td>
<td>96</td>
<td>62</td>
<td>133</td>
<td>20</td>
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<tr>
<td>Filming of a Lecture, Seminar or Other Special Event on Campus</td>
<td>14</td>
<td>69</td>
<td>19</td>
<td>11</td>
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<tr>
<td>Editing Appointments</td>
<td>21</td>
<td>21</td>
<td>14</td>
<td>1</td>
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<tr>
<td>Equipment Checkouts</td>
<td>3</td>
<td>33</td>
<td>82</td>
<td>39</td>
</tr>
<tr>
<td>Number of Students, Faculty, Staff, and Students We Have Worked With</td>
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<td>183</td>
<td>226</td>
<td>241</td>
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<tr>
<td>Completed Videos</td>
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<td>435</td>
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<td>952</td>
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<td>Average Video Length in Minutes</td>
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<td>19</td>
<td>14</td>
<td>16</td>
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<td>Video Views</td>
<td>29,000</td>
<td>53,000</td>
<td>49,000</td>
<td>131,000</td>
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CONTACT US

Location:
Green Center
Room 211

Phone: (303) 384-2678
Email: sciriello@mines.edu
Website: trefnycenter.mines.edu/hive/