EDUCATIONAL TECHNOLOGY RESOURCES
# Contents

Overview: ........................................................................................................................... 2  

1. Learning Management System ....................................................................................... 3  
2. Enhancing the Classroom Experience ............................................................................. 4  
   2.1 Microsoft Teams ........................................................................................................ 4  
   2.2 Zoom .......................................................................................................................... 4  
   2.3 Microsoft SharePoint Team Site .................................................................................. 5  
   2.4 Camtasia – Video Creation ......................................................................................... 5  
   2.5 TurningPoint – Audience Response System .............................................................. 6  
   2.4 Lecturio – Learning on Demand .................................................................................. 6  
   2.5 Health Library ............................................................................................................ 6  
3. Classroom Technologies ..................................................................................................... 7  
4. Remote Teaching Resources ............................................................................................. 7  
5. Engaging with Educational Technology Team .................................................................. 7
Overview:
We, at the UH College of Medicine Office of Medical Education (OME) offer wide range of learning technology tools to support excellence in teaching and learning. Whether you are a new faculty member or a seasoned practitioner, OME has resources to support your teaching and learning needs. Explore this guide to learn more about how to use the various technologies here at UH College of Medicine.

Important Note: This document will go through periodic review and updates.
1. Learning Management System

eMedley is the Learning Management System utilized at the University of Houston College of Medicine. Instructors use eMedley to add course material, communicate with students, create and grade assignments. There are several modules inside eMedley:

- Use *educate* to create announcements, view the course calendar, and upload course materials and examination grades.
- Use *eclas* to update case logs and time logs.
- Use *ecurriculum* to manage courses and resources.
- Use *evaluate* to manage student and faculty evaluations.
- Use *examm* to complete exams in a lockdown browser.

eMedley accounts are created for all faculty, course directors so that they can access class rosters, upload course content, enter grades online and more.
2. Enhancing the Classroom Experience

2.1 Microsoft Teams
Microsoft Teams is an interactive platform designed to simplify communication & collaboration between the faculty, students and staff. A hub for teamwork, Teams incorporate a variety of Office 365 tools your use.

- Host video calls within the platform and use the chat feature to reduce the need of email
- Create, upload and share file Word/Excel/PowerPoint files within the platform
- Real time collaboration and engagement through virtual whiteboard
- Access the platform/files on any phone/computer

2.2 Zoom
Zoom is a web conferencing platform that is well known for its simplicity and sought-after virtual break-out rooms. The key features are:

- Host meetings in your personal, virtual meeting room with a consistent URL
- Schedule meetings through Outlook
- Record to the cloud or to your device and share your meeting or event
- Share your screen, documents and applications during your video call
- Upload virtual backgrounds
2.3 Microsoft SharePoint Team Site

SharePoint is a tool for online collaboration and content management. Key features of SharePoint are:

- Use SharePoint to collaboratively create and manage files.
- Use SharePoint platform to host internal webpages (which can be edited in browser)

2.4 Camtasia – Video Creation

Camtasia is a video recording and editing platform. Key features of Camtasia are:

- Record your lectures through screen and/or webcam.
- Enhance the video with automatic text to speech.
- Embed quizzes within video to check learner engagement and comprehension.

The software is offered on some computers at the College of Medicine.
2.5 TurningPoint – Audience Response System
TurningPoint is an interactive platform to embed quizzes. The audience response system helps the instructor to gauge students’ understanding of course materials.

2.4 Lecturio – Learning on Demand
Lecturio is a curated repository of educational videos. Videos and a mobile app are accessible to the students and faculty of College of Medicine.

2.5 Health Library
The Health Sciences library is located on the second floor of the Health 2 building. It holds a small physical collection of books. In addition, there are anatomy models for in-library use and/or checkout.
3. Classroom Technologies

The smart classrooms are equipped with wide range of instructional technologies.

Major components:

- High definition projector and projection screens
- Instructor podium with HDMI port to project onto the screens
- Control panel for the web camera
- HDTV for small group facilitation
- Student laptops and iPad
- Wireless microphone
- Document cameras
We have compiled a list of suggestions for remote teaching/learning continuity plan.

<table>
<thead>
<tr>
<th>I would like to -</th>
<th>Supported tools</th>
<th>Related resources</th>
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</table>
| Provide course content to students | • eMedley | o [Introduction](#) eMedley and Session Planning  
| | | o [Faculty guide](#) to eMedley  
| | | o [FAQ](#) on eMedley |
| Record lectures for students to watch on their own time | • Record a narrated PowerPoint  
| | • Use Camtasia to record screen/audio/webcam  
| | • Record a meeting through Microsoft Teams | o [How to create](#) videos through Camtasia  
| | | o [How to upload and share](#) through Microsoft Teams |
| Real time lecture with class discussion | • Microsoft Teams | o [Quick guide](#) on Microsoft Teams  
| | | o [Instructor](#) tips on Microsoft Teams |
| | • Zoom | [Tips](#) on Zoom |
| Formative Assessment/Poll | • TurningPoint | [Tips](#) on TurningPoint  
| | | [TurningPoint](#) for Instructors |
5. Engaging with Educational Technology Team

The Office of Medical Educational Technology team provides training & development opportunities to support the faculty & staff at the College of Medicine. Training options include one-on-one meetings, on-demand software training and customized group sessions for staff and faculty.

Please email us at UHCOM-EDTECH@UofH.UH.EDU to schedule a consultation.

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This document was last updated on October 2020