

INSTRUCTIONAL TECHNOLOGY

Quick Guide to Caltech Tools and Resources

As of September 2017



MOODLE

Caltech's **Learning Management System (LMS)** provides a secure way to share course materials with students, collect assignments and return grades and feedback, engage in online discussion, and more. Students join each course using an enrollment key, normally the instructor's last name, all lowercase. Instructors request Moodle course sites:

www.imss.caltech.edu/help/courses

BOX & SHAREPOINT

Caltech provides two secure, cloud-based **file sharing and collaboration** tools that can be useful in teaching, both for sharing materials with students and for archiving or collaborating on course materials:

BOX: Simple file sharing, www.imss.caltech.edu/box

SHAREPOINT: team sites include file sharing plus calendars, discussions, task management, and other tools,

www.imss.caltech.edu/node/1121



OVERLEAF

This **collaborative, online LaTeX editor** streamlines the process of writing, editing, and producing research papers and reports for individuals and collaborators. Instructors can create groups and add students by email address to share, collaborate, and comment on LaTeX work. Caltech instructors and students are eligible for free accounts: www.overleaf.com/edu/caltech



VIDEO/MULTIMEDIA

The Caltech **Academic Media Technologies (AMT)** group provides instructors with solutions for video, audio, animation, and other multimedia support, including use of video capture and the Echo360 system in select classrooms in Annenberg and Cahill. Some services may require a budget. Find out more: www.amt.caltech.edu



OTHER TOOLS

In some cases, Caltech instructors and TAs have also found these **external tools** to be helpful. The following are not officially supported by Caltech and should not be considered secure; *avoid communicating about grades or other private information and re-using passwords.*

Piazza for online, searchable Q&A discussions: www.piazza.com

Jupyter Notebooks for sharing code, equations, visualizations, and text: www.jupyter.org

Github for sharing and collaborating on code: www.github.com