

**Workshop on MIT Online Learning and Residential Education**  
May 24, 2012 • E14 LH-633 • 2:00 - 5:00 pm

**Goals**

- Learn about the progress, costs and benefits from online learning experiments undertaken this academic year (MITx, MITCET experiments in MechE, Chemistry, Aero/ Astro, online material developed for SUTD, Physics and Biology online material, online material sponsored by D'Arbeloff funds)
- Identify specific ways that these experiments can help faculty teach in the MIT residential educational system.
- Identify projects/experiments/themes that MIT should consider to further understanding/implementation of online learning in the MIT curriculum to enhance the residential educational experience.

**Program**

- 2:00 pm    Welcome  
              Goals of the Workshop; Agenda
- 2:10 pm    Short Presentations on a set of recent MIT Initiatives for Online Education  
              These short, context-setting presentation will describe the progress, costs and benefits from online learning experiments undertaken this academic year (MITx, MITCET experiments in MechE, Chemistry, Aero/ Astro, online resources for Physics, Biology, Literature online material including those sponsored by Alumni grants)

3.30

## Panel

This panel discussion will frame and scope 3 key themes for constructively integrating online education. Broadly these themes will address considerations for online learning in the residential education:

- Learning Effectiveness
- Overall cost of education
- Conditions for transformative impact

These themes will be the topics for the roundtable discussions.

4.00 pm

Breakout Group Discussions - charge to breakouts from panel.

Some of the specific questions to be addressed would be:

- What does online learning mean for the curriculum in different schools and courses?
- How do we ensure that online learning leads to effective student learning?
- What infrastructure do we need in place to support online learning at MIT?
  - Infrastructure includes support services, advising, instructional design, TA training, technology and much more
- What projects/experiments/themes should MIT consider to further understanding/implementation of online learning in the MIT curriculum?

4:30 pm  
(30 minutes)

Report Back and Discussion with the whole group.

5:00 pm

Workshop Ends/Reception