

**New SoE/SoS Faculty Orientation to
Teaching and Learning at MIT
Tuesday, August 30, 2016 Location: 1-131**

Agenda

- 8:45-9:00 a.m. Registration and Continental Breakfast**
- 9:00-9:15 a.m. Welcome Professor Dennis Freeman
Dean for Undergraduate Education**
- 9:15-9:30 a.m. MITx and Digital Learning Tools**
- Joe Pickett, Publication Director, OpenCourseWare (OCW)**
- Sheryl Barnes, Program Manager, Digital Learning in Residential Education, Office of Digital Learning (ODL)**
- 9:30 – 9:40 a.m. Overview of the Program – Course Design Process & Topics for the Day**
- 9:40-10:25 a.m. Establishing Course Outcomes**
- Identifying learning outcomes—what you want students to know and be able to do when they complete your course—is the critical first step in the course design process. In this session, participants will learn how to create meaningful learning outcomes so they can write sample outcomes for a course of their own.*
- 10:35-11:30 a.m. Using Active Learning to Advance Course Outcomes**
- The specific ways in which instructors utilize class time (i.e. the activities that they and their students engage in) can significantly impact student learning. This session will highlight a variety of active learning and reflective teaching methods that allow instructors to modify and adjust the use of classroom time in order to more effectively support the learning process. A range of techniques will be introduced: from those that require less than a minute of class time, to activities requiring 20 minutes or more.*
- 11:30-12:10 p.m. Considering Student Assessments that Support Course Outcomes**
- This session will highlight the ways in which active learning techniques, assignments and exams can be designed to reinforce the acquisition of knowledge and skills, and to measure the extent to which students have achieved the learning outcomes.*
- 12:10 – 1:00 p.m. Working Lunch**
- During this working lunch, participants will view and give feedback on others' ideas for active learning techniques, and will submit MUD cards with questions for the Panel Discussion/Q&A.*
- 1:00-2:00 p.m. Panel Discussion/Q&A – with MIT Faculty and Undergraduates**
- Veteran & junior faculty, as well as MIT undergraduates, will be on hand to answer new faculty members' questions about teaching at MIT and to provide their perspectives on the MIT teaching and learning environment.*
- 2:00-2:15 p.m. Synthesis of Workshop Components, Wrap-up and Feedback**