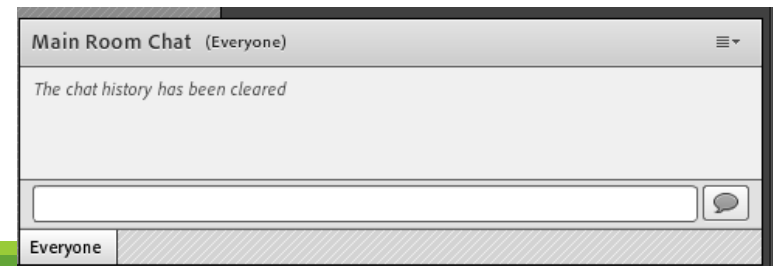
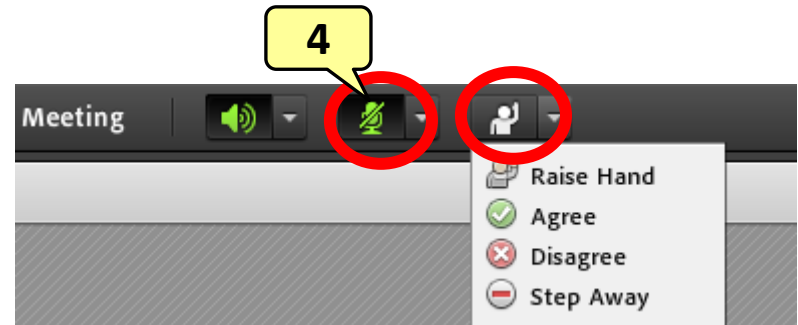
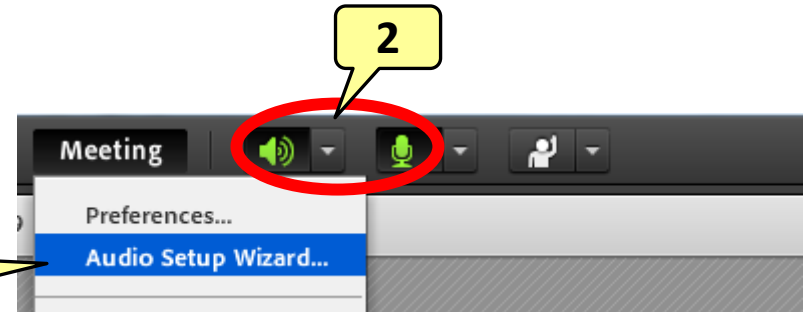


Welcome! Every time you enter the VCP.....

1. Enable your speakers and mic
2. The top bar icons should be green.
3. Run the audio setup wizard (use "Meeting" menu on top left).
4. After test your mic, mute yourself



Start Recording

Faculty Virtual Community of Practice Mechanical Engineering

Session 4: Creating a positive & inclusive learning environment

Chuck Krousgrill

Purdue

krousgrill@purdue.edu

Julie Linsey

Georgia Tech

julie.linsey@me.gatech.edu

Tentative Agenda

Welcome and learning objectives (5 minutes)

Student development and course climate:
Strategies to build a welcoming and inclusive
environment (10 minutes)

Breakout 1: Course Climate (15 mins)

Report out (15 mins)

Breakout 2 (15 mins)

Report out (15 mins)

Poll Question & preparation for next time (5 min)

Objectives for the Session

Describe strategies for creating a welcoming and inclusive course climate

Share and further refine your strategies for creating a inclusive and welcoming course climate.

Development, course climate, and learning

Students' current level of **development** interacts with the **social, emotional, and intellectual climate** of the course to impact learning

Pedagogy should consider holistic student development

- Intellectual and social identity development

Course climate issues also important

- Stereotypes
- Tone
- Faculty-student and student-student interactions
- Course content

Instructional strategies from the research

Make uncertainty safe

Examine your assumptions about students

Model inclusive language, behavior, and attitudes

Establish and reinforce ground rules for interaction

Use the syllabus and first day of class to establish the course climate

Others...

Strategies to get to know students or have them get to know each other

Surveys- large classes

-Be sure to share the results with the students.

Why do you want to be an engineer?

Extra credit for meeting during office hours

Group work

Conceptual questions organized by area are available on the portal.

Group Activity 1

1. Discuss examples you have experienced, read about, or heard about that has made an environment more or less inclusive or positive.
2. What do you want to do in your class to make it more a more positive and inviting environment? What are you going to do the 1st day of class?

Time: 15 minutes

Assigned scribe and reporter

Group Activity # 2

We will have sessions in the first half of spring semester to help you with implementing more active learning in class.
What would be most useful to you?

Time: 15 minutes

Assigned scribe (1st) and reporter (3rd)

Poll of the Day

Assignment for Next Week

TOPIC: Student motivation

1. Read the following:

- Chapter 3 of *How Learning Works*: “What factors motivate students to learn?” (scan available in Mechanical VCP folder)
- Idea paper 41: “Student goal orientation, motivation and learning” - http://www.theideacenter.org/sites/default/files/Idea_Paper_41.pdf

2. Activities:

- Briefly describe a student motivation problem in the course you teach and list one or two possible reasons for the problem.
- Brainstorm about how you you could address these motivation problems. Consider active learning engagement methods in addressing these problems.

3. Post your activities to the Mechanical VCP Folder by 5:00 PM Sunday Nov. 24th

4. There will be a mid-term survey sent out soon.