



Departmental Customized Workshops - GSIs/IAs

CRLT-Engin is available to facilitate teaching workshops and conversations during departmental training sessions for graduate students and undergraduate instructional aides. Typical workshop topics shown below can be tailored to address specific department needs. If departments are interested in topics not listed below, please connect with CRLT-Engin staff (crlt-engin@umich.edu) to explore possible options. These customized topics may need more lead time for delivery. All workshops are typically 30-45 minutes.

General

Engineering Teaching Consultant (ETC) Info Session (15 min)

The ETC program provides free consulting and other services, by trained CoE graduate students, for CoE IAs and GSIs, to support them in their instructional role. In this session, ETCs will communicate the broad range of services available to GSIs and IAs and answer questions about our work.

Instructional Practices

Actively Engaging Students in Engineering Courses

In this session, participants will learn about the research-based evidence for the effectiveness of active learning teaching methods. Participants will also discuss ways to implement these strategies for their class context.

Strategies for Office Hours: Coaching Problem Solving

In this workshop, participants will learn about how to set up useful Office Hour structures, as well as get practice encouraging students to learn problem-solving techniques. Participants will also have the chance to brainstorm solutions to concerns they have about office hours they have already held.

Promoting Successful Teamwork in STEM Classes

Effective use of groups in the classroom can increase student learning and enhance students' problem solving abilities, if instructors ensure that all students are engaged and included. In this session, participants will explore research-based frameworks to enhance teamwork skills, engage students, increase cooperative learning, and mitigate dysfunctional team dynamics.