



### Division Objective

To provide a forum for the interchange of ideas between those people interested in lower division engineering. We promote scholarly work relating to educational activities for first-year engineering students.

### About Us!

<https://sites.asee.org/fpd/>

### Common Topics:

Methods of integrating

- Design
- Problem-solving
- Computing
- Student success
- and more!

into the first-year experience

### Contact Us!

**Division Chair 2021-2022**

Tim Hinds

[hinds@msu.edu](mailto:hinds@msu.edu)



### ASEE 2022 ANNUAL CONFERENCE

The 2022 ASEE Annual Conference will take place in Minneapolis, MN, June 26-29. [Housing information is available](#) and Registration is now opening April 7!

- Note that there are technical sessions beginning on Sunday June 26, along with workshops that morning!
- Look for our FPD Business meeting at the conference! We welcome all members of FPD and would love to hear from you!
- FPD Social is now booked! **Monday June 27 from 7-9PM** at [Finnegan's Brew Company](#). Catering by Fork & Flair. Purchase your tickets with registration! The \$40 ticket gets you dinner and one complimentary drink.

Paper reviews are done! Thanks to all who helped review. Paper revisions are due on March 28. Final paper deadline is Monday May 16! You should be able to upload final papers after April 1.



### FYEE 2022 CONFERENCE

The next FYEE conference is scheduled for July 31- August 2, 2022, at Michigan State University in East Lansing, Michigan! Please check the [FYEE website](#) for up-to-date information about submissions and registration.

- Full workshop proposals and paper abstracts due on **April 11, 2022**
- Draft papers will be due on **May 23, 2022**



Kellogg Hotel & Conference Center  
219 S Harrison Rd  
East Lansing, MI

### ASEE First-Year Engineering Experience Conference

Please join us for exciting technical sessions, workshops and networking opportunities.

Conference highlights include:

- Interactive workshops and demonstrations
- Presentations from colleagues working with first-year engineering students
- Keynote presentation by a nationally-recognized scholar
- Networking and engagement opportunities



Hosted by the MSU College of Engineering  
First-Year Engineering CoRe Experience



### OPEN POSITIONS

#### Teaching Assistant Professor (Instructor)

The Integrated Design Engineering (IDEN) program at the University of Colorado Boulder invites applications for full-time instructors to teach undergraduate courses. Subjects will include, but are not limited to, Engineering Tools and Analysis (including MATLAB, which evolved from the Wright State Math model) and hands-on First-Year Engineering Projects. The IDEN (formerly Engineering Plus) program offers an engineering BS degree accredited under the ABET EAC general criteria. This is a non-tenure track appointment. Intended start date August 2022. The IDEN program and the University of Colorado Boulder are committed to building a culturally diverse community of faculty, staff, and students dedicated to contributing to an inclusive campus environment. Applications received by April 10, 2022, will receive full consideration; applications will continue to be accepted until the positions are filled. Find additional details and apply at:

<https://jobs.colorado.edu/jobs/JobDetail/?jobId=37954>



### EVENT ANNOUNCEMENT

#### NETI-2 advanced workshops open, NETI-3E seats available

**NETI-3E Online**, has a few seats remaining and is scheduled for June 2-3, 2021, from 1:00 p.m. to 5:00 pm, EST, each day using Zoom. The NETI-3 online workshop for instructors teaching engineering or engineering technology focuses on effective teaching in a virtual environment. Topics explored in the workshop include student motivation, active engagement, assessment and adopting an inclusive mindset in online environments. The National Effective Teaching Institute has been given since 1991, reaching nearly 2500 participants from over 350 different schools. NETI-3 will be highly interactive and will provide opportunities for the participants to plan applications of the workshop content to their own courses.

Virtual offerings of NETI-2 advanced workshops are also scheduled this summer. **NETI-2A (Inquiry-Based Teaching)** is July 8-9, 2021, 1:00 – 5:00 pm EDT each day. This workshop will develop participants' ability to adopt inquiry-based learning strategies. These strategies (e.g. problem-based and project-based learning) provide an engaging way to teach courses that more closely mimics how science and engineering are done in practice. Research shows that these approaches enhance student motivation, improve understanding of important concepts and develop students' problem-solving and life-long learning skills. NETI-2A participants do not need to have attended NETI-1 but should already be familiar with active learning. **NETI-2B (Forming, Managing & Assessing Student Teams)** is August 5-6, 2021 1:00-5:00 pm EDT each day. This workshop will develop participants' ability to manage student teams – particularly in the context of team-based learning strategies. Teamwork can be taught, but students require guidance, practice, and feedback. They also need to be held accountable for their behavior. Research shows that there are best practices for how to form teams, manage teams, and assess teams to improve student outcomes while maintaining an inclusive and welcoming learning environment. NETI-2B participants do not need to have attended NETI-1 but should already be familiar with learning strategies that require students to interact in groups and teams.

The registration fee for each workshop is \$400 per participant, and includes an electronic version of presentation materials and other resources. Each workshop is directed by Drs. Susan Lord, Matt Ohland, and Michael Prince. We invite you to register for any of the workshops and to pass this notice along to faculty who would benefit from this program. Questions should be directed to [Emily Ohland, Workshop Administrator](#). Register at <https://www.neti-workshop.org/events/>.