

# MECHANICAL ENGINEERING LEARNING TEAMS (MELTS) INFORMATION SHEET

## Program Description

Mechanical Engineering Learning Teams (MELTS) are non-residential, course-based learning community programs for mechanical engineering students. The participants in the learning community enroll in a set of required courses with other mechanical engineering students. One of the required courses is a one-credit seminar course led by a peer mentor (ME 190). Our peer mentors are academically successful students in the mechanical engineering curriculum. This opportunity is offered only during the fall semester.

## Program Outcomes

- Assist in the transition to Iowa State and the Mechanical Engineering (ME) department
- Introduce participants to ME students, faculty and staff members, and other contacts
- Learn degree requirements and create a program of study
- Identify and utilize university resources both within and outside of the ME department
- Set and track individual goals for academic success, involvement, and future planning
- Prepare students for the career fair, resume writing, and future internship opportunities
- Provide structured study and homework time
- Have fun!

## Staff

Learning Community Coordinators	Aliza MacKenzie & Kirsten Hauge
14 Peer Mentors	Selected Annually
2 Head Peer Mentors	Selected Annually

## ME 190: Section Organization and Student Placement

### ME 190 Course Description

The learning community seminar course helps build social and academic support groups to help students transition into the ISU community and the Mechanical Engineering Department. Students will interact with ME faculty, staff, and upper level mechanical engineering students. Activities may include: industry panels, faculty guest speakers, hands-on design competitions, and exam review days.

### Section Details

The MELT program has 16 class sections, each with around 20 students. In the fall, the students in each class have similar class schedules so they will be attending many of their required M E courses together. Sections of M E 190 are not offered in the spring but a reduced level of department-wide programming will be planned for ongoing student engagement.

### Learning Community Courses

At orientation, students are placed into the learning team that fits their academic needs. Each section has a set schedule for the students in that team. Some schedules might vary, but most students will be in the same classes the first semester.

### Courses linked to the learning teams may include:

MATH 143, 165, 166, 265

CHEM 167

M E 160, M E 170

ENGR 101

ECON 101

M E 190

\*These are subject to change

Questions about the job description or application process?  
Contact MELTs co-coordinator Kirsten Hauge at [khauge@iastate.edu](mailto:khauge@iastate.edu)