ME199 DES

- Student Society Extra-Curricular Activities
- One year cycle – new competition each year
- Freshman through Senior experience
- Highlighted Competitions & Challenges:
  - Ecomarathon
  - Illini Solar car
  - Hyperloop, iRobotics
ME199 DES
Overview of Class Structure

Freshman

ME199 SAE
1 credit hour

Sophomore

1 hr Free Elective Each Semester
with Tech. Elective Option
– 3 consecutive semesters Design sequence with documented design activity

Junior

Senior

Senior Design
3+3 credit hour

3 hrs ME497 Tech Elective in Fall
+ 3hrs ME470 Senior Design in Spring

Instructor Approval Required – must complete two semester Sequence

See ME199 Sequence – Tech Elective Requirements
ME199 - 1 hr Class

- Attend weekly meetings
- Be an “apprentice member” of one or more of the project teams. You will attend sub-team meetings and help within your capabilities.
- Complete 2 one page reports – 1st on ‘planned’ activities/involvement, 2nd at semester end on ‘actual’ SAE activities
- 3 x 1 credit, tech elective design sequence – need design report at end
- Grade based on attendance, participation, contribution, and effort (from Team Leader and Peer Evaluations)
ME497/ME470 – 2 semester sequence

• Team Leaders and full-time team members
• Graded by presentations, reports, work ethic and performance (meeting build schedule and peer performance grading)
• Senior Design Credit only given if BOTH semesters completed with documented evidence of contributions in presentations and reports
• If contribution insufficient in 1st semester (Fall), you will not be allowed to enroll for second semester ME470 on that team.
Design/Build Schedules

- Design freeze typically by Thanksgiving
- BE “COMPETITION READY” BY Engineering
  
  Open House (EOH) ~ MARCH

- SHOWCASE TO SPONSORS – EOH ~ MARCH

- First Competitions – April/May