

# The ME Connection

## UE Mechanical Engineering Newsletter

June 2026

*“Every worthwhile accomplishment, big or little, has its stages of drudgery and triumph: a beginning, a struggle, and a victory.*

*— Mahatma Gandhi*

### Connect with us this Fall!

Are you interested in hosting a site visit or tour for current mechanical engineering students? Would you like to meet with students on campus for informal conversations, recruitment, project support, or to share your knowledge and experience?

Email us at: [mechanicalengineering@evansville.edu](mailto:mechanicalengineering@evansville.edu)



### Congratulations New Alumni!



Please join us in welcoming the *Class of 2026* to the UE ME Alumni family! We will miss seeing you all on campus but look forward to hearing more about where life takes you after UE. Be proud of what you've achieved, and keep celebrating each new accomplishment!



### SECS Student Awards

Congratulations to Ethan Floyd (*Class of 2027*) on receiving the James M. Hall Jr. Outstanding Engineering Student Award! This annual award goes to a junior nominated by SECS faculty for scholastic achievement, extra-curricular activities, character, responsibility, attitude, and potential for professional growth.

### JMCO Technologies Tour

Thank you to Clint Ott, UE ME alum (*Class of 2012*) and co-owner of JMCO Technologies, for hosting members of the Aces Racing team earlier this year. Students saw examples of JMCO's fabrication projects and learned more about their design and fabrication process. As part of the facility tour, students saw CNC laser and water jet cutting machines and among other equipment designed to handle a variety of fabrication needs. The site visit provided students with valuable insights and examples of practical engineering applications in a custom fabrication market.



We want to share what our alumni are doing!  
Please submit a photo and short blurb to:

[mechanicalengineering@evansville.edu](mailto:mechanicalengineering@evansville.edu)

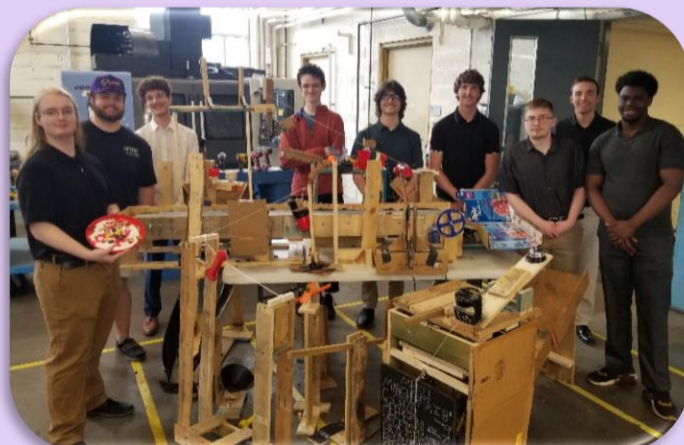
Alumni Question



### Student Spotlight: Integrated Design Teams



ME 297 Project Team



ME 197 Project Teams



In addition to the senior-led design projects highlighted in our last newsletter, integrated design teams completed projects in ME 197, ME 297, and ME 397 this semester. Students in ME 197 (pictured right) designed, built, and tested Rube Goldberg Machines following the national competition rules. A Rube Goldberg Machine completes in a simple task in a complicated, and visually entertaining, way. This year's task was to open a box, and the teams themed their machines around a UE delivery service and a pizza assembly line. Students in ME 297 (pictured left) designed, fabricated, and tested a three-stage demonstration gearbox with a unique function using rotary springs. As part of the project, students designed the gears, complete G-coding for CNC manufacturing, and evaluated the assembly using motion simulation in Siemens NX. Students in ME 397 (not pictured) designed a measurement and data acquisition system using arduinos. The accuracy of the system's various measurement capabilities was validated against data collected using NI DAQs and Lab VIEW. Integrated Design introduced various engineering tools and technical skills that are transferable to future projects and work experiences. The design teams also gain experience in project management skills like scheduling, communication, documentation, and budgeting.

The ME Connection will be on summer break – see you again in August!