2025

CORPORATE NEWSLETTER

ASME PURDUE

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A NOTE FROM OUR PRESIDENT

Thank you for your interest in supporting the Purdue student section of the American Society of Mechanical Engineers!

ASME is a professional organization dedicated to advancing the capabilities of mechanical engineers across the globe. At Purdue, we carry forward those goals while fostering community within the largest Mechanical Engineering program in the country, leading design projects across many industry disciplines, and developing hands-on technical skills often overlooked in traditional coursework.

As the largest student-led engineering organization in the country—with over 500 active members—there are many meaningful ways for your company to partner with ASME Purdue. Whether your mentorship is exchanged for access to top-tier talent, your sponsorship supports student-led innovation, or your team engages directly through workshops and networking events, your involvement will make a lasting impact. We also welcome gift-in-kind support such as tools, components, or software licenses, which are actively used by our members and provide excellent opportunities for brand recognition in a highly engaged and technically skilled community.

We would be thrilled to connect with your organization, and find the best way to develop a mutually beneficial relationship. Please feel free to reach out with any questions, or any ideas that aren't presented in this packet.

We look forward to working with you,
Maxwell Trowbridge
2025-2026 President, ASME Purdue
trowbrim@purdue.edu | 219-983-2639

SPONSORSHIP TIERS

BOILER UP - SPONSORSHIP OF AT LEAST $5,000

- ASME merchandise provided to company representatives
- Testimonials from club members
- Donor logo displayed in workspaces
- **All Gold level benefits**

GOLD - SPONSORSHIP OF AT LEAST $3,000

- Resume book targeted to donor's specific hiring needs
- Tour ASME manufacturing workspace
- Dedicated social media posts highlighting specific areas of donor's impact on ASME
- **All Black level benefits**

BLACK - SPONSORSHIP OF AT LEAST $1,500

- VIP invitation to events and competitions featuring our design teams
- Access to ASME's resume book
- Up to two additional networking/technical events with ASME members
- **All Silver level benefits**

SILVER - SPONSORSHIP OF AT LEAST $500

- Invitation to the ASME Corporate Banquet OR one networking/technical event
- Donor logo featured on design team competition hardware
- Donor logo placement on promotional materials and social media

***All in-kind donations will be treated as cash contributions equal to their fair market value; for example, donating $1,500 worth of hardware qualifies the donor for the Black tier.**

ENGAGING WITH PURDUE ASME

FACILITY TOURS

Host facility tours at your site to give students a firsthand look at real-world engineering

DESIGN REVIEWS

Attend design reviews to learn about our design teams, offer feedback, and connect with innovative project teams

DEIB SCHOLARSHIP SPONSORSHIP

This scholarship focuses on highlighting minority students and their experiences at Purdue and in ASME. It was created with the intention of spreading awareness and starting conversations regarding Diversity, Equity, Inclusion, & Belonging (DEIB) in the organization, university, and in a future workplace.

Benefits include: Opportunity to vote on scholarship applicants, scholarship will have company name attached, access to resumes of all scholarship applicants per company request, and a spotlight on ASME social media.

PARTNER WITH PURDUE ASME'S STUDENT CONSULTING DIVISION

Have an engineering challenge or need fresh ideas to boost efficiency? Purdue ASME's student-led Consulting Division partners with industry to tackle real-world problems—like process optimization, cost reduction, or design innovation. Each semester, our team delivers practical solutions while gaining hands-on experience that prepares them for industry roles.

We've completed three successful projects with Avery Dennison and are now looking to expand our impact. If someone on your team might be interested, we'd love to connect and explore how we can collaborate to solve real challenges—while helping shape the next generation of engineers.

OUR DESIGN TEAMS

RACING

ASME Racing has returned to develop innovative solutions to the historic Purdue Grand Prix race. The team is manufacturing custom components such as a roll cage, exhaust, and transmission, as well as collecting data and creating models to predict optimal race setups and performance. This provides members with professional and technical experience that directly applies to the automotive industry.

ROBOTICS

ASME Robotics is a team focused on innovative mechanical and automation solutions, including the development and programming of advanced robotic systems. Our current projects include designing custom motor mounts, reassembling gearboxes, and enhancing our robotic arm's capabilities for precise tasks like pushing buttons and picking up objects.

AERO

ASME's newest design team, ASME Aero, provides students with hands-on experience in designing and optimizing Unmanned Aerial Systems, 3D-printed gliders, and solar-powered aircraft. Through these projects, members develop skills in CAD, aerodynamics, manufacturing, and electronics while tackling real-world engineering challenges.

ENERGY

The Energy Design Team at Purdue develops innovative, renewable energy solutions across diverse technologies. Current projects include EV battery packs, reversible hydrogen fuel cells, and biofuels for developing regions, as well as a Wind Turbine Team that competes in the DOE's Collegiate Wind Competition. ASME Energy continues to empower students with hands-on experience in clean energy innovation, systems integration, and global collaboration.

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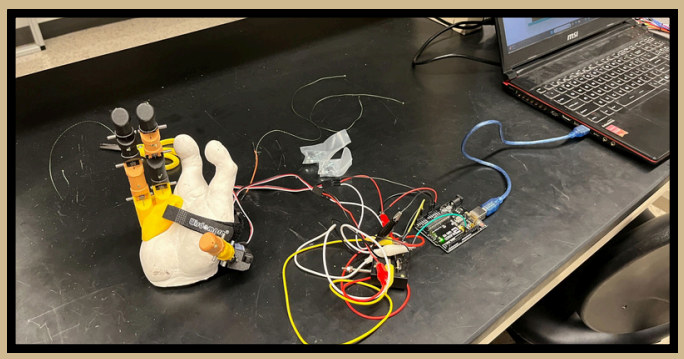
EPICS HYDROPONICS

The EPICS team is developing an automated, low-cost, and high-yield hydroponic system to be implemented in community centers in Indiana through our partners at the Marion County Farm Bureau (MCFB) and the Felege Hiywot Center (FHC). Our project aims to help address the issues of food-insecurity that exist in these communities by growing fresh produce that may not be available in those areas, as well as provide hands-on engineering education to students.

BIOMECHANICS

ASME Biomechanics is a team dedicated to exploring the intersection of engineering and human biology, working on projects that improve health and mobility. Our projects include designing assistive devices, analyzing human movement, and creating innovative solutions to enhance physical performance and rehabilitation.



CONSULTING

The ASME Consulting Team provides students with hands-on experience in engineering consulting by tackling real-world industry challenges. Through research, design, and problem-solving, members collaborate with companies to develop innovative solutions while gaining valuable technical and professional skills.

SMALL PROJECTS

The small projects team allows members to complete a comprehensive engineering process in just one semester. Members work in teams to develop their ideas into full CAD models, outlined BOMs, and finally, working projects which they will use to compete against other teams all in the span of one semester. In the past, teams have created quadcopters, RC boats and submarines, and RC ATVs.

RUBE GOLDBERG

The Rube Goldberg team builds and assembles complex chain reaction machines to accomplish simple tasks. The entire process emphasizes the creativity within design and how to best use materials and design reliable machines; integrating CAD, 3D printing, and common objects. The team competes in the National Chain Reaction Competition every year.

ASME X MILESTONES

Purdue ASME, in collaboration with Purdue Milestones, offers a comprehensive series of hands-on courses designed to equip students with industry-relevant skills in CAD (Computer-Aided Design), FEA (Finite Element Analysis), and GD&T (Geometric Dimensioning and Tolerancing). These sessions blend expert-led instruction with practical applications, enabling participants to gain both theoretical knowledge and hands-on experience using cutting-edge engineering tools and software. Through these courses, students not only enhance their technical proficiency but also work towards achieving Purdue Milestones certifications, helping them build a competitive edge for internships, co-ops, and full-time roles in engineering fields.

CONTACT US

Max Trowbridge
President

I'm a Senior in Mechanical Engineering with a Minor in psychology from Valparaiso, Indiana. I've been a member of ASME since my first week at Purdue, and have had access to life-changing opportunities and leadership experiences because of it. Apart from ASME I assist in research at the MAHA fluid power lab, and have played the World's Largest Drum in the "All-American" Marching Band. I look forward to leading this organization to even bigger and better things over the next year!

Bryce Tucker
External Vice President

I'm a Junior in Aerospace Engineering with a minor in Mathematics from Tempe, Arizona. Outside of ASME, I'm a part of Purdue Space Program - Liquids and the Purdue Ski Club. My favorite part of ASME is the breadth of professional, social, and technical experiences that we're able to offer. This year, I'm looking forward to further expanding ASME's commitment to industry, the Purdue community, and our student members.

Avantika Thiruppukuzhi
Director of Industrial Relations

I'm a junior in Mechanical Engineering with a minor in Materials Science and Engineering from San Jose, California. Previously, I served as the University Relations Lead for ASME and I am currently the Vehicle Performance Lead for Racing. Outside of ASME, I serve as a Purdue Mechanical Engineering Ambassador. I am thrilled to help provide ASME members with opportunities for professional and technical development.

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FOR SUPPORTING THE PURDUE AMERICAN SOCIETY OF MECHANICAL ENGINEERS!


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