AY26–27 ASME Innovative Additive Manufacturing 3D (IAM3D®) Challenge: Rules, Prizes, & Resources

Use Innovative Additive Manufacturing to design your vehicle and then innovate and iterate the design with your team members to improve your vehicle's performance and efficiency.

What is the IAM3D® Challenge?

The ASME Innovative Additive Manufacturing 3D (IAM3D®) Challenge is designed to give mechanical and multi-disciplinary undergraduate students around the world an opportunity to re-engineer existing products or create new designs. Students competing in IAM3D® will showcase their creativity by demonstrating the value added through their ingenuity, application of sound engineering design principles, and leveraging Additive Manufacturing technologies.

Prizes

1st place	$1,000
2nd place	$500
3rd place	$250

Winners will also receive an ASME Digital Badge. Learn more about digital badges.

Competition Rules & Files

Download AY26–27 ASME IAM3D® Competition Rules

Download AY26–27 ASME IAM3D® Course Files

Download AY26–27 ASME IAM3D® Cart Files

ASME IAM3D® Competition Deadlines

Milestone	Deadline	Submission
IAM3D® Design Report Submission	**21 Dec 2026**	Submission Link - COMING SOON

Join the ASME IAM3D® Discord Channel and Q&A Forum

Join the ASME Student Community Discord server: https://discord.gg/jDSzTPEyH4 navigate to the "ASME COMPETITIONS EFX & EFEST Channel" and select the IAM3D® subchannel. Review questions and answers posted previously in the Q&A Forum and submit your new questions for review. Teams should proceed at their own risk following advice or interpretations from non-official sources.