

ASME

SETTING THE STANDARD

GENERAL INFORMATION

The **American Society of Mechanical Engineers** strives to create an inclusive environment to develop student relationships and potential through projects, speakers and tours. Despite our name, **our membership is not limited to Mechanical Engineers**, so if anything on this board interests you, come check us out! Our three main engineering projects are outlined below. We also help with **professional development** by hosting speakers as well as go on company tours. You can be as much or as little involved as you want to be and our meetings are **open to all!**

PUMPKIN CHUNKIN

Our first event of fall term is to design and construct a pumpkin launching mechanism and compete against local high schools! This is a great start for first year students without their shop certifications!



SHELL ECO-MARATHON

SEM is an international energy efficient vehicle competition for which we spend the majority of our time designing and manufacturing. We are working on two vehicles which are outlined below. They are both powered by an electric battery, which gives **Electrical Engineers** a great opportunity to show off their skills!



3D DERBY

We team up with the 3D Printing Club to host this event similar to the Cub Scout pinewood derby race. The only difference is that members get to design and 3D print their cars! On race day, there is always tasty food and prizes!



SEM: PROTOTYPE VEHICLE

Our prototype vehicle has placed second at competition three consecutive years in a row, reaching a maximum efficiency equivalent to 9,000 miles per gallon! It is optimized for aerodynamic efficiency and this year we are working on a new shell so come check it out and get involved! **DRIVERS NEEDED!!!!!!!!!!!!!!!!!!!!!!**



SEM: URBAN CONCEPT VEHICLE

Our Urban Concept vehicle is more practical than the prototype with its requirements of lights, storage and sitting more upright. It made its debut at competition last year after three years of work! Our main priority for this coming year is to produce a solid exterior that is strong, light and aerodynamic!



General Meetings: TBD

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