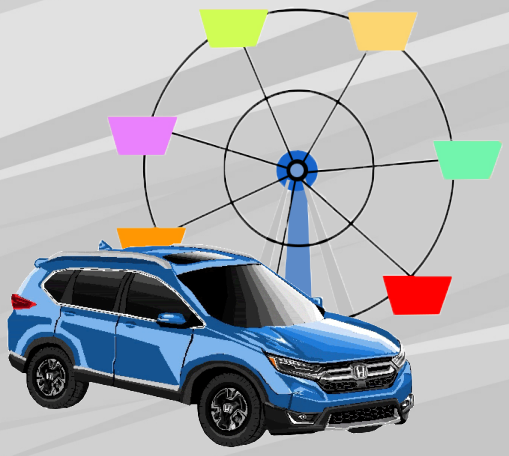
MECHANICAL ENGINEERING

Stony Brook University
College *of* Engineering
and Applied Sciences

Mechanical engineers design, develop, test and manufacture machines and components in almost any industry you can name. These include automotive, aerospace, construction, utilities, green energy, electronics, medical, sports, and amusement industries. They also create the machines that make other machines and products.



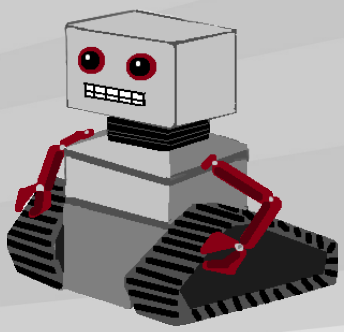
Mechanical Engineering is considered the broadest of the engineering disciplines. While they focus on mechanical aspects, including thermal energy and the behavior of solids and fluids, they must have a working knowledge of technologies that are the domain of other engineering disciplines, including electronics and materials processing.

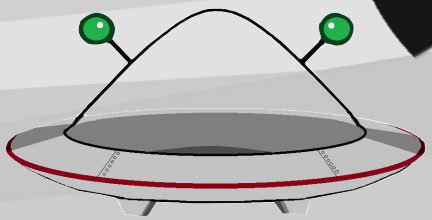
Pre-college preparation

- Physics
- Math

@ Stony Brook

Our students participate in many project-based learn activities. They build robots, off-road vehicles and solar powered boats. Many work with our professors on cutting-edge technologies in robots, sensors, microfluidics, energy harvesting, composite materials, mechatronics, lasers, and nanotechnologies.





Their breadth of knowledge makes them strong candidates for leadership roles in almost any sector of industry.

URL: http://me.eng.sunysb.edu/