

Highlights of 2019 Capstone Projects in Mechanical Engineering at UMaine

Mechanical engineering seniors proudly showcased their successfully completed capstone projects on Maine Day. They proved that through hard-work, careful analysis, and proper design engineering, they can bring ideas into reality and gain a valuable experience in the process.

This year's cohort of 84 seniors were divided into over a dozen teams working on 11 projects that were both exciting and challenging.

Projects: Blimp; Fixed-Wing Aircraft; Human Powered Vehicle; Hydrofoiling Water Bike; Ice Core Container; Infinite 3D Printer; Land Drone; Robotic Knee Brace; Self-Cleaning Upweller; Self-Leveling Car Seat; and Force Sensors.



Capstone Awards

Superior: *Lighter Than Air Drone Team 2*

Jordan Gomes, TJ Verrill, Andrew Arter, Matt St Jarre, and Cole Lemelin

Distinguished: *Hydrofoiling Water Bike Team 3*

Ariel Clachar, Max Blais, Tim O'Neill, Danny Rocheleau, and Evan Bourgeois

Meritorious: *Ice Core Transport Container*

Sirena Cyr, Bryanna Power, Brandon Ip, and Jesse Drake