Over the past year, Team Unsinkable, and the Autonomous Maritime Robotics Association (AMRA) as a whole have participated in numerous outreach programs both internally and externally related to our university. The following will list each event's title, occurrence, AMRA member participation rate, and a brief description of the event:

Embry-Riddle Astronomy Open House
Date: 09/19/2025
Member Attendance: 14
Description: In collaboration with Embry-Riddle's Astronomy club and other STEM clubs at our university, the College of Arts and Sciences opens its doors to the public and allows for younger students to explore what science, technology, engineering, and math really mean to Embry-Riddle. We had personally hosted a room in which children were able to take apart certain aspects of our AUVs and ROVs and ask questions along the way.

Beach Trash Cleanup
Date: 11/22/2025
Member Attendance: 9
Description: In collaboration with the..., AMRA worked on a beach cleanup at our own local Daytona Beach area. From 10 AM to 2 PM AMRA worked hard to clean up the local beach area while promoting good vibes and a positive mindest of keeping the environment clean.

Bring A Girl into Engineering
Date: 02/25/2026
Member Attendance: 8
Description: Embry-Riddle invites over 200+ middle school girls across the Volusia County area so that they are able to really see how amazing science can truly be. AMRA hosted a

buoyancy challenge in which students had built boats out of household materials (in this case air dry clay, aluminum foil, and loose-leaf paper) and tested how much weight their boats can hold before sinking. This had then led to the presentation portion of the day in which our president, Emily Coello, along with other professors and students were able to give their experiences as women in STEM fields.

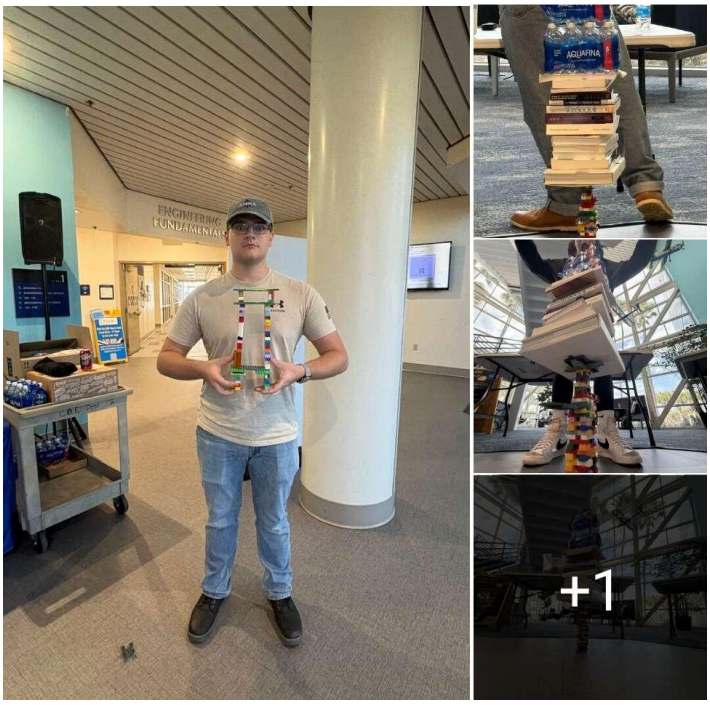
Engineering Week Lego Competition
Date: 02/26/2026
Member Attendance: 5
Description: A creative challenge hosted by AMRA to support our university's Engineering Week celebration. Allowing students to either compete as duos or solo, the goal was to challenge peers to make a stable structure of a minimum of twelve inches in ten minutes. After the ten-minute timer was up, how much weight was the structure able to hold, and would the structure stay standing. It was a high stakes competition with the winner being able to hold over 41lbs on their structure.

12:21 • 57%

thinking.

Most competitors took on the challenge solo, making it an individual test of creativity, stability, and problem-solving under pressure. It was awesome to watch students rapidly iterate their designs and push their builds higher before the clock ran out. The event perfectly captured AMRA's hands-on, build-first energy while keeping things fun and competitive.

Students involved:
Kellan Shew
Emily Coello
Logan Holmboe
Wyatt Reinke
John McSwiggin



Roadside Trash Cleanup
Date: 03/07/2026
Member Attendance: 13
Description: The second collaboration AMRA had done with..., but this time a roadside cleanup around our campus. From 11am to 1pm, AMRA cleaned up and organized trash into recyclable categories, so that all waste can be properly disposed of (or reduced, reused, and recycled). During this cleaning process, AMRA also spoke to peers on campus about the cause, promoting clean disposal habits and the benefits of recycling.


LAKESHORE