

The Robotics Club at the University of Central Florida is a group of undergraduate and graduate students with a passion for robotics. It is the group's desire to build advanced autonomous robots for competitions and research. We are entirely student run and our projects are based around hands on work within our lab.

Our club has competed in the RoboSub competition several times in the past and continues to be interested in the unique challenges offered by the underwater environment. After the second generation of our 2016 vehicle design continued to suffer from the problems of its predecessor, we chose to instead build this year's entry around an older but simplified hull with new manipulators, electronics, and software.

Our current team consists of three mechanical engineers responsible for attaching the new thrusters to the existing hull and fabricating new manipulation systems, two electrical engineers with one responsible for the overall vehicle systems and the other focusing on the hydrophone system, and a computer engineer and a modeling and simulation graduate student focusing on perception and decision making.