

UCR Robosub Team Bio

The UCR Robosub Team was established in Fall 2015 under the UCR IEEE chapter. The current membership stands at roughly 15 undergraduates, forming a multidisciplinary team of Mechanical Engineering, Computer Engineering, Electrical Engineering, Computer Science, Bioengineering, and Business students. The project is broken into 4 teams: Mechanical, Electrical, Software, and Business. Mechanical team designs and builds the sub's structure. Electrical team tests the power system of the sub, as well as designs any necessary circuits. Software works on programming the sub to identify and complete the tasks using sensor readings and on-board computations. The business team is responsible for gaining funds for the project by getting sponsors and organizing fundraisers. As part of IEEE, the RoboSub Team participates in many on and off campus events to introduce STEM fields to the community, especially youth. Our project is intended to give passionate and motivated students the opportunity to work on a hands-on, team based, multidisciplinary project. We strive to develop our team members' interests in electrical, software, and mechanical engineering. We hope this exposure to various disciplines and practice with group oriented projects will aid our members throughout their college careers and eventually in their future professions.