

TRI-SCHOOL



While Team 3309 is based on the Servite campus, it is a collaboration of students from Servite, Connelly, and Rosary. Each year, new members from each school join the team and work together to build a robot and perform community outreach. This tri-school arrangement fosters relationships between students who share similar passions.



TEAM HISTORY



In 2010, Team 3309 began in a shed on the back side of the Servite campus. As a new team, we insisted on excellence from the beginning. Every year, Team 3309 has competed in the Los Angeles Regional, and in 2012 we earned the Entrepreneurship Award. From there, Team 3309 has won numerous other awards and accolades for our engineering skill and outreach efforts. Since our beginning we have made it our mission to become advocates for STEM education throughout the Los Angeles and Orange County area.

Over the past two years, the team has traveled to St. Louis twice to compete in the FIRST World Championships amongst 600 other teams. In 2014 the Friarbots earned the Engineering Inspiration Award and in 2015 won the Arizona West Regional Championship. Now, in our 7th season, the Friarbots are supercharging our engineering skills with training through FEA.

CONTACT

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3309

FRIARBOTS



OUR TEAM

ABOUT *FIRST*



Founded in 1989, FIRST (For Inspiration and Recognition of Science and Technology) is an organization dedicated to inspiring and encouraging young minds to pursue careers in the fields of Science, Technology, Engineering, and Math (STEM). Focusing on cooperation and gracious professionalism, FIRST promotes engineering and technology by making teamwork, math, and science exciting through sports-like robotics competitions. High School students are guided by professional engineers to receive a unique and invaluable education unlike any other.

ABOUT VEX



The VEX Robotics Competition is the world's largest and fastest-growing robotics competition. It includes middle schools, high schools, and colleges. In these competitions, participants are judged for their teamwork, leadership, communication, and technical skills. Unlike FIRST, students must build robots from a predefined set of components.

TRAINING



FRIARBOTS ENGINEERING ACADEMY (FEA)
Friarbots Engineering Academy trains members in the core competencies required to build and compete robots. FEA is comprised of courses in Mechanical Engineering, Computer Science, Electrical Engineering, and Business. FEA prepares members for the *FIRST* Robotics Competition (FRC) season and gives them the skills needed to succeed in various engineering disciplines. Through FEA, members have the opportunity to challenge themselves and expand their knowledge and skills.

OUTREACH



Team 3309 reaches out to younger students by holding robotics demonstrations at middle and elementary schools. Last year the team reached over 700 students and 4,000 professionals and families. Students on Team 3309 mentor new teams during the summer and run workshops where students can learn new skills. Team 3309 also participates in charity outreach through Her Servant's Kitchen (HSK), which provides regular meals to the local homeless.



SPONSORS



Sponsors keep Team 3309 working. Our sponsors provide funding, donate equipment, provide services, and support mentorship. We are sponsored by both Fortune 500 companies and local small businesses. Each sponsor is a vital part of our team and, without our sponsors, Team 3309 would not be where it is today. If your company or business can support our efforts in any way, please talk to us about becoming a sponsor.

MENTORS



Mentorship is the backbone of our team. Mentors teach and guide students as they learn about programming, fabrication, design, and business. If you are interested in mentoring, please feel free to contact us to receive more information.

