



ST. JOHN'S PREP

VEX Robotics Coach

St. John's Prep is an inclusive, Catholic, Xaverian Brothers Sponsored School for young men in grades 6 through 12. Founded on the Xaverian values of compassion, humility, simplicity, trust and zeal, we educate students to be, do and stand for good in the world. We enroll 1,500 students from more than 60 communities. St. John's Prep seeks a part-time VEX VRC 5 robotics coach for grades 9 through 12 for the 2021-2022 school year.

St. John's Preparatory School

72 Spring Street
Danvers,
Massachusetts
01923

The SJP Robotics coach will work closely with the Computer Science Department Chair to coach, mentor and advise a student driven competitive robotics team. Team meetings take place after school hours 3-5 days a week. The coach will be available some nights and weekends during the competition season.

Responsibilities:

- Advise, mentor and support high school students (9th grade - 12th grade) for VEX competition.
- Maintain a joyful development environment with an emphasis on the engineering design process and the self-directed learning of students.
- Manage all aspects of local, regional, and national competitions for the team (scheduled weekends - about 4 per year)
- Supervise daily operations of the robotics arena including inventory management
- Teach & ensure compliance with safety procedures and proper use of equipment
- Maintain parent communication

Qualifications:

- 2-3 years of experience coaching or working with a student robotics team
- Work experience in the field of mechanical engineering, robotics and/or computer science
- Strong understanding of the basic principles of mechanical engineering, the engineering design process and the basics of computer programming.
- Experience with VEX robotics is preferred.
- Ideally available to work after school (3-5pm) and some weekends. Hours are somewhat flexible.

All members of the faculty are expected to give witness to the mission of St. John's, as well as to our identity as an inclusive, Catholic, Xaverian Brothers Sponsored School. St. John's Prep is committed to building a diverse and inclusive campus community. We welcome applications from underrepresented groups. We seek applicants who demonstrate a commitment to multiculturalism and diversity that is manifested in classroom practice, student engagement, interpersonal communication, and curricular decisions.

Interested candidates are asked to send a cover letter and résumé, to Tracii Schaeublin, Director of Human Resources, at tschaeublin@stjohnsprep.org. Please, no phone calls.

Posted September 2021