

## **MATH TEACHING POSITIONS AT ROSARY ACADEMY**

Rosary Academy is currently accepting applications for the position of Math teacher/Robotics moderator for the 2019-2020 school year. Candidate must teach a broad range of math classes including but not limited to Algebra I & II, Geometry, Pre-calculus, Calculus, AP Calculus AB/BC. Preference will be given to someone with training and/or experience in AP and technology integration in the classroom.

### **Responsibilities and Duties: Teaching:**

- Work collaboratively with all stakeholders to create an academically rigorous, college-going culture that is both challenging and supportive of students
- Implement AP Curriculum that utilize challenges students research-based instructional strategies and methods
- Engage all learners and successfully manage a classroom environment
- Connect daily student learning to real-world problems and situations in the math field
- Participate in trainings and program development during the summer and throughout the year
- Attend and participate in after-school school and department meetings, events, and Professional Development during the summer or school year

### **Responsibilities: Robotics**

- Create the vision and mission of the Robotics Program with the guidance of the Assistant Principal of Academics & Curriculum
- Reach out to local schools and specialized programs for insights on how to build a strong program.
- Provide opportunities for students to learn directly through experience
- Model how to program and build structurally sound robots and support groups of students in building and programming their own.
- Teach students the principles of Robotics including the functions of power source, sensors, motors and structural members of a robot.

### **Qualifications:**

- B.A./B.S. in Math with Advanced Placement experience and/or training or Masters' in Mathematics
- California Credential in Mathematics
- Must be flexible and patient with students; able to present complex content in a variety of ways
- Willingness and desire to teach students who might be reluctant learners
- Strong affinity for hands-on teaching and learning
- Motivation to engage all students, especially reluctant learners
- Willingness to teach STEM and AP content