

# **SAINT DOMINIC ACADEMY** Empowering Women for Leadership Since 1878

# SUMMER ENRICHMENT PROGRAM

# **Course Description**

#### PHYSICS Overview (9th grade)

The purpose of this course is to provide the 9th grade students with a strong foundation of Freshman year Physics. It is a lab orientated course with a hands-on approach to learning. \*Please note, if your daughter is currently accepted to MEDQUEST she will not be taking Physics in her 9th grade year.

### Public Speaking (9th grade – 12 grade)

The purpose of this course is to provide students with instruction and in class experience to better enhance her speaking presence in public settings. The students will learn different techniques about presenting to a large audiences. Students will also have an intro to Speech and Debate and have an introduction to the art of debating.

#### STEM (9th grade - 12th grade)

This hands-on program is intended for those students interested in taking honors science classes. Students will learn the basics of building and programming robots using vex pieces and ROBOTIC software during the first two weeks. After, the students will be introduced to the engineering design process to solve problems and understand the influence that creative and innovative designed has on our lives. Students will also use industry standard 3D modeling software to create a virtual image of their designs.

#### Foundations of Algebra (9th - 10th grade)

This course is designed primarily for enhancing math skills, specifically in Algebra concepts. It will also be covered reviews in both Arithmetic and Geometry. It enables students to work at their own pace and aim to increase the speed and accuracy of their performance. Students will gain a better understanding on create mathematical concepts in preparation for course work and standardizing testings.

### Successful High School Strategies (9th -10th grade)

This course will provide students with the ability to learn different subject areas to make their high-school experience successful. Students will learn the proper form of goal setting and how to work towards achieving their goals. Progressing forward, students will explore different note taking strategies to learn about the different ways to their brain will retain information. We will end the course with time management techniques and set up their planners for a successful high school year.

# Course Information

CLASS SCHEDULE

July 3rd, 2023 - August 4th, 2023

Mondays - Thursdays

Classes are 50 minutes

## PROGRAM FEES

\$350 per class

Payment is due at the time of registration

Registration will close June 15th, 2023

### CONTACT INFORMATION

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