Trivium Preparatory Academy

Summer School 2018

June 4 – 28

"Intelligence plus character - that is the goal of true education."
-Martin Luther King Jr.

Trivium Preparatory Academy Summer School 2018

Trivium Preparatory Academy is pleased to present a variety of course offerings this summer that will meet students' academic needs and co-curricular interests. These offerings will be of interest to those who are looking to get a head start to the year, require remedial work, are transferring to the school, or need to make up a class. The proposed courses are included below, but please note that the final schedule will not be determined until the end of May.

Click Here to Register & Pay for Classes

Course Descriptions

Courses are divided into two categories: enrichment and credit classes. While some classes are given credit due to the nature of the subject and number of instructional hours, all students are welcome to take any class for improvement, review, or general interest in a new area that is not required to graduate.

ENRICHMENT CLASSES*

Introductory LEGO Robotics (June 4-8, M-Th, 8:30am-3:00pm, 5th-12th)

During this week-long, full-day camp, you'll learn the basics of robotic programming and mechanical design. Then, you and your team will build and program an autonomous LEGO EV3 robot to complete a variety of tasks ranging from simple movement to those involving logic and sensors. You don't need prior experience with either LEGOs or robotic programming. The week will culminate with a poster session and robot showcase.

Intermediate LEGO Robotics (June 11-15, M-Th, 8:30am-3:00pm, 6th-12th)

You'll work as a team to complete projects and games created specifically for LEGO EV3 Robot. Scholars will leave with an understanding of the Engineering Design Process and the skills needed to build and program robots that perform intermediate tasks. After going through the Engineering Design Process, students will solve real-world problems! All skill-sets are welcome! The week will culminate with a poster session and robot showcase.

Introduction to Programming using Python (June 18-29, M-Th, 8:30am-11:30am, 8th-12th)

Python is a general purpose programming language, meaning you can use it for the web, data science, or any number of other uses. It's a language well known for being approachable for beginners, and a great introduction to computer science. The goal is to provide students with a brief introduction to many topics so they will have an idea of what is possible when they need to think about how to use computation to accomplish some goal later in their career. Since these courses may be the only formal computer science courses many of the students take, we have chosen to focus on breadth rather than depth.

CREDIT CLASSES

Lit. Comp. I (Credit for 6th Lit. Comp) covers the basics of grammar and involves the thoughtful analysis and discussion of significant literary works. This class focuses on developing four skills – reading, writing, speaking and listening, as well as the study of composition: grammar, sentence diagramming, spelling, and vocabulary. Scholars taking this course will be taught the grammar and writing skills according to their grade level.

Lit. Comp II (Credit for 7-8th Lit. Comp) develops writing skills by practicing the fundamentals of clear and effective writing including unity, coherence and *copia*, or abundance, of vocabulary and syntax. The culmination of the writing program in this course will be learning to write in the "five-paragraph" format, paving the way for the Humane Letters course which uses the 5-paragraph essay often as a tool for systematic thinking. This course also includes the study of advanced compositional skills: grammar, sentence diagramming, spelling and vocabulary. Scholars taking this course will be taught the grammar and writing skills according to their grade level.

Pre-Algebra (Credit for 6th Math) – In this course, students begin to address mathematical concepts by using numerical analysis. They master the operations of addition, subtraction, multiplication, and division using whole numbers, negative numbers, fractions, decimals and percentages. Students learn to use first order equations and inequalities to solve real world problems. This course also gives an introduction to ratios, geometry, coordinate plane, and working with area and volumes of shapes. By the end of this course, the student should be prepared for 7th grade mathematics at Trivium Preparatory Academy, though this class is also open to current 5th graders (upcoming prep students) who wish to get a head start middle school math.

Algebra I (Credit for 7-8th Math) develops critical and algebraic thinking while wrestling with both fundamental and more abstract concepts. Scholars taking this course will be taught the mathematical skills according to their grade level.

Latin (Credit for 6-8th Latin) is primarily a grammar course in which students will receive substantial review of basic English as well as an introduction to Latin. The Latin fundamentals covered in this course are: the first three declensions and all four conjugations, rules of subject/verb and noun/adjective agreement, present, imperfect, and future tenses, corresponding noun function of each case, elementary sentence structure, and common constructions.

Fees and Deadlines

Summer courses are designed for enrollment of 6 students or more. Though we expect classes to fill quickly, we reserve the right to cancel classes with insufficient enrollment and to combine or replace with other classes, if necessary. You will be notified at some point during the week of May 28th if the course you enrolled in will not proceed as planned.

The cost for summer courses depends on the meeting pattern and length of the course. See the **schedule** on the next page for more information. A book deposit will not be required for summer school textbooks, but families will be held financially responsible for any loss or damage to textbooks or other materials issued for Summer School. In some cases, extra materials may be required by the instructor. If your family's summer plans change, *please note that we cannot give refunds after Tuesday, June 5th*. Families with more than two students are eligible for reduced tuition – please contact Mr. Schutten for details.

Registrations & payments can be made online here. **The firm deadline for registering for summer school is Monday, May 28th, at 3:00 PM.** If you are attending from another Great Hearts school, you are responsible for reading the Trivium Prep Family Handbook, paying special attention to the "Uniform" and "Dress Code" sections.

Policies and Procedures

Attendance: Due to the amount of material being covered in each class, students will be dropped without refund if they miss 2 days in a row or a total of 3 days without special permission from Mr. Schutten during the summer school session. Summer school courses cover what was taught during second semester in 1 month; consequently, it is essential that scholars be punctual and attend all days of the course(s). If a student will be missing for any reason, parents must contact Mr. Schutten via email (dschutten@triviumprep.org) as the office will be in summer hours and will not be checking the attendance line.

Dress Code: All students are required to wear their school uniforms to summer school. All other policies regarding personal appearance are governed by the Trivium Preparatory Academy Family Handbook. In the case of a student who is new to Trivium, they need only where khaki shorts and a crimson/maroon/red polo.

> *NOTE: Students from other Great Hearts' academies are welcome to wear their own uniforms, but will be held accountable to all Trivium dress code standards.*

Food: The hot lunch program will not be available during the summer. If needed, please be sure to send snacks/lunch with your child.

Pick-up and Drop-Off: Students may be dropped off at school as early as 8:10 a.m. and picked up no later than 10 minutes after their class ends. Parents should drop off and pick up students at the Trivium Prep drop-off/pick up door at the south side of the building. Front office pick-up and drop-off is not permitted.

Behavior: Students are expected to behave in a manner consistent with the behavioral expectations of Trivium Prep as outlined in the Family Handbook. Students removed from a class or activity for disciplinary reasons will jeopardize their continued enrollment in the program as well as their registration fee(s).

Course Schedule and Information

Course	Grades	Dates	Times	Cost
Pre-Algebra	5th-6th	June 4 – June 28	M-TH, 8:30 AM – 11:30 AM	$350
Lit. Comp. II	7th-8th	June 4 – June 28	M-TH, 8:30 AM – 11:30 AM	$350
Latin	6th-8th	June 4 – June 28	M-TH, 8:30 AM – 11:30 AM	$350
Lit. Comp. I	6th	June 4 – June 28	M-TH, 12 PM – 3 PM	$350
Algebra I	7th-8th	June 4 – June 28	M-TH, 12 PM – 3 PM	$350
Introductory Lego	*5th-12th*	*June 4 - June 8*	*M-TH, 8:30 AM - 3 PM*	*$200*
Intermediate Lego	*6th-12th*	*June 11 - June 15*	*M-TH, 8:30 AM - 3 PM*	*$200*
Programming	*8th-12th*	*June 18 - June 28*	*M-TH, 8:30 AM - 11:30 AM*	*$200*

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