



June - July - August 2021  
[www.gsbschool.org/summer-institute](http://www.gsbschool.org/summer-institute)

GSB Summer Institute combines academics with enrichment for an engaging opportunity-filled summer. Whether you are taking classes to get a jump-start on year-long programs, earn course credit, or pursue your interests and passions, there is something for everyone! These classes will be held either in person or virtual. To enroll or obtain more information, call: 908-234-0067 or visit our website.

#### ACT PREP

*David Blobaum, Summit Prep*  
July 19-30, 9:00 a.m. to 12:00 p.m.  
Cost: \$1500

This two-week course prepares students for the late-summer and fall ACTs. Students learn test-taking strategies, experience practice exams, and review test material. This course is offered in partnership with Summit Prep.

#### ALGEBRA 1 (FOR CREDIT)

*Nasrin Ameri, GSB Mathematics*  
June 21-July 30, 8:00 to 12:15 p.m.  
Cost: \$2000

Successful completion of this six-week course offers a full year of credit for Algebra 1. Students explore all aspects of Algebra 1 and acquire the strong background needed for future math courses.

#### ALGEBRA 1 REVIEW

*Nasrin Ameri, GSB Mathematics*  
July 19-23, 1:00 to 4:00 p.m.  
Cost: \$750

This one-week review course strengthens skills and covers content from Algebra I to ensure a smooth transition to Geometry during the full academic year.

#### ALGEBRA II / TRIGONOMETRY (FOR CREDIT)

*Manny Hercules, GSB Mathematics*  
June 21-July 30, 8:00 to 12:15 p.m.  
Cost: \$2000

Successful completion of this six-week course offers a full year of credit for Algebra II/Trig. Students explore all aspects of Algebra II and Trigonometry. Topics satisfy all IB requirements.

#### ALGEBRA II / TRIGONOMETRY PREVIEW

*Fred Corona, GSB Mathematics*  
Available Course Offerings:  
June 28-July 2, 1:00 to 2:00 p.m.  
August 2-6, 1:00 to 2:00 p.m.  
Cost: \$250

This introductory course gives a preview of concepts and problem solving in Algebra Two/Trigonometry in preparation for the full-year academic course.

#### ART WEEK

*Sarah Isusi, GSB Art*  
June 28-July 2, 8:00 to 12:30 p.m.  
Cost: \$1125

Explore the surrounding landscape and architecture as a contemporary genre in drawing and painting. Fundamental principles of capturing color, light, planes, and structure will be covered.

#### BIOLOGY (FOR CREDIT)

*Bonnie Bourneuf, West Morris Central High School Biology*  
June 21-July 30, 8:00 to 12:15 p.m.  
Cost: \$2000

Successful completion of this six-week course offers a full year of credit for Biology. Students explore all aspects of Biology.

#### CALCULUS PREVIEW

*Fred Corona, GSB Mathematics*  
Available Course Offerings:  
June 28-July 2, 2:30 to 3:30 p.m.  
July 12-16, 2:30 to 3:30 p.m.  
Cost: \$250

This introductory course gives students a preview of concepts and problem solving in Honors Calculus or AP Calculus AB in preparation for the full-year academic course.

#### CREATIVE WRITING

*Andy Lutz, GSB English Department Chair*  
June 21-July 2, 10:00 to 12:00 p.m.  
Cost: \$1000

This course will focus on writing short fiction over the course of the two weeks, each student will use their skills to write a series of inter-connected short stories. Students will present a final portfolio of their work.

#### FINANCIAL LITERACY (FOR CREDIT)

*Margery Schiesswohl, GSB Ninth-Grade Dean/Performing Arts*  
June 21-July 30, 8:00 to 12:15 p.m.  
Cost: \$2000

This class will teach students the basics of money management: budgeting, saving, debt, investing, giving, and credit. This knowledge will lay a solid foundation for students to build strong money habits at an early age and hopefully avoid financial mistakes in the future.

#### FILMMAKING WORKSHOP

*Mike Chimes, Former GSB Technology Director*  
August 2-6, 1:00 to 3:30 p.m.  
Cost: \$625

Students complete a video project for submission to the NY Times Video Contest. Additional short video projects may also be produced. Students also study short independent films, as well as segments of Hollywood hits.

#### GEOMETRY (FOR CREDIT)

*Fred Corona, GSB Mathematics*  
June 21-July 30, 8:00 to 12:15 p.m.  
Cost: \$2000

Successful completion of this six-week course offers a full year Geometry credit. Students explore all aspects of geometry. Topics satisfy all IB requirements.

## GEOMETRY PREVIEW

*Fred Corona, GSB Mathematics*

Available Course Offerings:

June 21-25, 1:00 to 2:00 p.m.

July 26-30, 1:00 to 2:00 p.m.

Cost: \$250

This introductory course gives students a preview of concepts and problem solving in Geometry in preparation for the full-year academic course.

## INTRODUCTION TO CHINESE

*Lei Cooley, West Morris Regional*

*World Language Teacher*

June 21-25, 1:00 to 4:00 p.m.

Cost: \$750

Students gain an introduction to Chinese language and culture such as greetings, name, nationality, emotions, food and more. Students will begin to develop Chinese speaking, listening, reading and writing skills.

## INTRODUCTION TO GAME MAKING IN PYTHON (VIRTUAL ONLY)

*Ian Prevost, GSB Computer Science*

August 9-13, 1:00 to 3:00 p.m.

Cost: \$500

This workshop introduces students to programming in Python using the Pygame module. It is designed to accommodate students of diverse programming backgrounds and levels.

## OBJECT-ORIENTED PROGRAMMING IN JAVA (VIRTUAL ONLY)

*Ian Prevost, GSB Computer Science*

August 9-13, 10:00 to 12:00 a.m.

Cost: \$500

This workshop introduces beginner and intermediate students to object-oriented programming in a fun and application-focused manner. Students will use modules and game development environments to complete projects.

## INTRODUCTION TO DIGITAL ANIMATION

*Kelly Schiesswohl, Current Pratt*

*Senior - 2D Animation Digital Art Major*

June 21-25, 1:00 to 3:00 p.m.

Cost: \$500

This course provides a jam-packed introduction into digital animation. Students will learn basic design, animations principles, and digital tools to bring their drawings to life in motion picture! Students will explore a wide variety of animation styles.

## PHOTOGRAPHY (FOR CREDIT)

*Francesco Mazzotta, GSB Fine Arts*

June 21-July 30, 8:00 to 12:15 p.m.

Cost: \$2000

This course introduces students to DSLR photography and Adobe Photoshop. Students will spend time both in the photo lab learning techniques and aesthetics as well as photographing the beautiful campus at Gill.

## PRE-CALCULUS PREVIEW

*Fred Corona, GSB Mathematics*

Available Course Offerings:

July 12-16, 1:00 to 2:00 p.m.

August 2-6, 2:30 to 3:30 p.m.

Cost: \$250

This introductory course provides a preview of concepts and problem solving in Precalculus in preparation for the full-year academic course.

## SAT PREP

*David Blobaum, Summit Prep*

July 19-30, 1:00 to 4:00 p.m.

Cost: \$1500

This two-week course prepares students for the late-summer and fall SATs. Students learn test-taking strategies, experience practice exams, and review test material. This course is offered in partnership with Summit Prep.

## SPANISH 1 (FOR CREDIT)

*Jon Cataldi, Mendham High School*

*Spanish Teacher*

June 21-July 30, 8:00 to 12:15 p.m.

Cost: \$2000

Successful completion of this six-week course offers a full year of credit for Spanish 1. Students will be ready to enroll in Spanish II in September.

## UPPER SCHOOL PREVIEW

*Margery Schiesswohl, GSB Ninth-*

*Grade Dean/Performing Arts*

August 9-13, 1:00 to 3:00 p.m.

Cost: \$500

This course is designed for GSB rising ninth graders to ensure a smooth transition to the Upper School. Topics include schedule management, organization, note-taking, time management, and campus resources. It also provides social opportunities in preparation for the academic year.

## WOODWORKING

*Bob Ort, GSB Middle School*

*Woodworking and Fine Arts*

June 21-25, 1:00 to 3:00 p.m.

Cost: \$500

Woodworkers will learn how to make a handmade chess board while learning a variety of tools and equipment.

## WORLD MYTHOLOGY

*Jared Ciocco, GSB World Language & History*

August 2-6, 9:00 to 11:00 a.m.

Cost: \$500

Students will explore how different civilizations in history have attempted to find explanations for the world around them through myths and stories. Students will create their own interpretations of myths and stories in a creative writing format.

## WRITING FOR DOCUMENTS-BASED QUESTIONS

*Kathleen Hiott, GSB History*

August 9-13, 9:00 to 11:00 a.m.

Cost: \$500

In addition to the basics of Upper School composition, this class will introduce rising freshmen to document-based questions and present techniques on how to analyze primary and secondary sources.

## CREATIVE WRITING FOR ADULTS

*Andy Lutz, GSB English Department Chair*

June 14-25, Monday, Wednesday, Friday, 6:00 to 8:30 p.m.

Cost: \$750

By the end of this two-week course, students will have written and revised a body of poetry. Frequent in-class writing assignments and regular workshops will fully engage students in the writing process.