List of High School Students upcoming Summer programs/Internship



MTC High School Internship Program

The Metropolitan Transportation Commission is an equal-opportunity, non-discriminatory employer. MTC provides all employees and applicants with an equal opportunity in every aspect of the employment e...

https://mtc.ca.gov/jobs-contracts/job-opportunities/internships/high-school-internships

Grades: 10,11,12 State: CA Program date: Check Website - Multiple Ses Due date: May 2024

Fees: \$0

Indiana University : Jim Holland Research Initiative in STEM Education (RISE)

The Jim Holland Research Initiative in STEM
Education (RISE)—the third-year component to the
Holland SEP and SSRP—is a two-week residential
research camp designed to provide STEM career and

https://biology.indiana.edu/about/outreach/k-12-students/holland-summer-science-programs/holland-

Grades: 11 Program date: June 16-28, 2024

Due date: Apr 12,2024

Fees: \$600 Stipend

Pacific Northwest National Lab : High School Research Intern

High school students— are you interested in preparing for careers in STEM? Why not consider an internship at PNNL? During the academic year, students attend regular classes at their school for half a ...

https://www.pnnl.gov/high-school-research-intern

Grades: 9,10,11 Program date: June-Aug 2024 Due date: Apr 2024

Fees: Free

Mathematics

Pacific Northwest National Lab: Young Women in Science (YWIS) :- Girls Only

The Young Women in Science (YWIS) summer internship is a research-based educational experience PNNL offers this summer internship opportunity for high school-aged applicants who are interested in

https://www.pnnl.gov/young-women-science

Program date: June-Aug 2024 Due date: Apr 2024 Fees: Free

Mathematics

Santa Clara: Young Scholars Program

Each year select, highly-motivated high school students explore the world of higher education in a five-week intensive program that includes university courses, advising, and meetings with key people ...

https://www.scu.edu/vsp/

Grades: 9,10,11 Program date: June 18 - July 26, 2024 Due date: Apr 9, 2024 Fees: \$0

Mathematics

AEOP : High School Apprenticeship Program (HSAP)

HSAP provides current rising high school juniors and seniors with an authentic science and engineering research experience alongside university researchers sponsored by the Army Research Office. Thou...

https://www.usaeop.com/program/hsap/

Grades: 10,11 State: MLT

Program date: June - August 2024- Check Locations Due date: Mar 5,2024

Pacific Northwest National Lab - Student Research Apprenticeship Program
This summer internship is a 10-week research-based experience for students who are pursuing STEM careers. Students work with a scientist-mentor in a specific research area. We also provide educationa...

https://www.pnnl.gov/student-research-apprenticeship-

Grades: 10,11,12 State: WA Program date: June-Aug 2024

Due date: Apr 2024 Fees: Free

NJIT : College Bound Program - NJ- Newark Resident only

NJIT College Bound is a pre-college program that serves students in the Newark school district. Students are exposed to a college or university environment, while receiving tutorial, mentoring, academ...

https://www.njit.edu/precollege/nj-gear-college-bound-

Grades: 8,9,10,11 Program date: June-Aug,2024 Due date: May 2024

Kentucky State University : Summer Apprenticeship Program

The Summer Apprenticeship Program is designed to prepare students for college life while exposing them different career opportunities in STEM—science, technology, engineering and mathematics—fields... https://www.kysu.edu/academics/college-acs/school-of-ace/co-op/summer-apprenticeship-program.php

Program date: June 23-July 14,2024 Due date: Apr 30.2024

Columbia University : State Pre-College Enrichment Program (S-PREP)

The State Pre-College Enrichment Program (S-PREP) is a free high school and college preparatory program designed for 7th - 12th grade students who are interested in pursuing a career in medicine or re...

https://www.ps.columbia.edu/spre

Program date: 45474 Due date: Apr 14,2024

Fees: Free

Columbia University : Science Honors Program (SHP)

Science Honors Program (SHP) is a Saturday morning program specifically designed for high school students in the tenth, eleventh, and twelfth grades. Classes are held on the Columbia University Mornin...

https://outreach.engineering.columbia edu/content/science-honors-program-

Program date: Sep - May Due date: June 15, 2024 Fees: Free

Univ. of St. Thomas : Science, Technology, & Engineering Preview Summer (STEPS) :- Girls Only

Science, Technology, and Engineering Preview Summer (STEPS) is an introduction to the exciting world of science, technology, and engineering. Participants will engineer, make, connect with mentors,

https://www.stthomas.edu/stepscamp/

State: PA Grades: 9 Program date: June 24-28, 2024 Due date: Apr 14,2024

Carroll University: CU Rising Scholars Program

CU Exploring: STEM, consists of academic and college preparedness experiences that will create and foster interest in different career fields within STEM. This day-long-program will include: - Pre-...

https://www.carrollu.edu/admissions/pre-college/cu-

https://www.carronc... rising-scholars-program State: MI Program date: July 27-Aug 2,2024 Due date: June 28,2024 Fees: Free

University of Missouri : Bridge Program Sumr

Our Summer Academy offers academic enrichment courses in mathematics, science, written and oral communication, career research, personal and professional development and activities that support

http://www.umsl.edu/~precollegiate/programs/summer.

Grades: 9,10 Program date: June 17-July 12,2024 Due date: May 24,2024

University of Arkansas : ArkansasAIMS Prep Boot Camp

Want to get a head start on your AP classes? Are you a current NW Arkansas high school student (rising 10th, 11th, or 12th grade)? Do you plan on taking AP English Literature, AP English Language, AP... https://engineering-camps.uark.edu/camps/arkansas-aims-prep-bootcamp.php

Grades: 9,10,11 Program date: July 18-23,2023

Due date: May 15.2024

Austin Peay State University : SOARing with Mathematics

Are you a high school student who enjoys mathematics, science, statistics and/or engineering? If so, then you should consider coming to SOAR (Students Optimizing, Analyzing, Researching)

Program date: May 30-June 2,2023 Due date: Apr 28,2024 Fees: Free

Langston University: Math And Science Academy

An intensive Summer Academy for high school sophomores, juniors and seniors in Mathematics, Science and Technology. During this residential academy, you will work with scientists to investigate the B...

https://www.langston.edu/math-and-science-academy

Grades: 9,10,11 Program date: May 28-June 10.2023 Due date: Apr 10,2024 Fees: Free

Central Piedmont Community College : STEM Prep Summer Program

CPCC received a National Science Foundation (NSF) grant that is aimed at increasing the number of underrepresented minorities (URM) that receive bachelors degrees in Science, Technology, Engineering a.

https://www.cpcc.edu/academics/ncsa/stem-prep

Grades: 10,11 State: NC Program date: July-Aug 2024 Due date: May 15,2024

The University Of Utah : Summer Mathematics

The Summer Mathematics Program for High School Students at the University of Utah provides outstanding students an opportunity to develop their talents to the fullest. By presenting intriguing puzzles...

https://www.math.utah.edu/high-school-

program/summerhsp.php Grades: 9,10,11 Program date: June 17-July 5,2024

Due date: June 1,2024

Fees: Free

Southern Oregon University : Academia Latina Leadership

Academia Latina Leadership is an extension of Academia Latina. This program began in 2013 with the goal of developing our youth as leaders. Academia Leadership is a 9-day summer residential program fo...

https://inside.sou.edu/youth/konaway-nika-tillicum.html

Grades: 9,10,11 Program date: July 12 - 20, 2024 Due date: Apr 26,2024

Fairfield University : Broadening Access To Science Education Camp (BASE) :- Girls Only

BASE Camp (Broadening Access to Science Education) is a two-week, residential camp for female high school students interested in scientific research. Students have the opportunity to see what research...

https://www.fairfield.edu/summer-and-continuing-studies/summer-programs/high-school-programs/base-summer-campl/index.html Grades: 10,11 State: CT

Program date: Cancelled 2024 Due date: June 2024

Lawson State Community College : Girls IMPACT Summer Program :- Girls Only

Empowering Girls to Impact the World through STEM. Our mission is to build the participants foundational skills in algebra concepts which can be critical in successfully pursuing STEM fields, to broad...

http://www.lawsonstate.edu/stem/girls_impact_summer_program.aspx

Grades: 9,10,11 State: AL Program date: July 8-18,2024 Due date: May 15,2024 Fees: Free

Indiana University : Jim Holland Summer Science Research Program (SSRP)

The Indiana University Jim Holland Summer Science Programs are specifically designed to address the ethnic and racial disparities that exist in STEM (Science, Technology, Engineering, Mathematics) fie...

https://biology.indiana.edu/about/outreach/k-12-students/holland-summer-science-programs/hol ssrp.html

Grades: 9,10,11 Program date: July 7-14, 2024 Due date: Apr 12,2024 Fees: Free

HS Navigator : Young Scholar Program

The HS Navigator Young Scholars Program strives to engage academically talented students with a strong desire to pursue careers in Computer Science and related areas. The program incorporates a lectur...

https://hsnavigator.org/young-scholar Grades: 9,10,11,12 Program date: July 13-Aug 4,2024

Due date: June 1,2024





University of Colorado : UNITE

UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A

https://www.usaeop.com/program/unite/

Program date: June -Aug 2024 Due date: May 2024

Mathematics

Florida State University: UNITE

UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A

https://www.usaeop.com/program/unite/ Grades: 9.10.11 State: FI Program date: June -Aug 2024 Due date: May 2024 Fees: Free

Mathematics

Miami Dade College : UNITE

UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM).

https://www.usaeop.com/program/unite/ Grades: 9,10,11 State: FL Program date: June -Aug 2024 Due date: May 2024

Mathematics

Savannah State University: UNITE

UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A...

https://www.usaeop.com/program/unite/ Grades: 9,10,11 State: GA Program date: June -Aug 2024 Due date: May 2024 Fees: Free

University of Kansas : UNITE

UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A...

https://www.usaeop.com/program/unite/

Grades: 9,10,11 Program date: June -Aug 2024 Due date: May 2024 Fees: Free

Morgan State University : UNITE

UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A

https://www.usaeop.com/program/unite/

Grades: 9,10,11 Program date: June -Aug 2024 Due date: May 2024 Fees: Free

Jackson State University: UNITE

UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A

Program date: June -Aug 2024 Due date: May 2024

Montana Tech: UNITE

UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A

https://www.usaeop.com/program/unite/ Grades: 9.10.11 State: MT Program date: June -Aug 2024 Due date: May 2024 Fees: Free

Mathematics

New Jersey Institute of Technology : UNITE

UNITE is a four-week summer program, held Monday Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A...

https://www.usaeop.com/program/unite/ Grades: 9,10,11 State: NJ Program date: June -Aug 2024 Due date: May 2024

University of New Mexico : UNITE

UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A...

https://www.usaeop.com/program/unite/ Grades: 9,10,11 State: NM Program date: June -Aug 2024 Due date: May 2024 Fees: Free

Fayetteville State University : UNITE

UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A...

Grades: 9,10,11 Program date: June -Aug 2024 Due date: May 2024 Fees: Free

North Carolina Agricultural & Technical State University: UNITE

UnitTe is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A...

https://www.usaeop.com/program/unite/

Grades: 9,10,11 Program date: June -Aug 2024 Due date: May 2024

University of Pennsylvania : UNITE

UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, y, &am-5pm, for high school students (grades who are considering careers in science, nology, engineering and mathematics (STEM).

Program date: June -Aug 2024 Due date: May 2024

University of Puerto Rico: UNITE

UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A

https://www.usaeop.com/program/unite/ Grades: 9.10.11 State: PR Program date: June -Aug 2024 Due date: May 2024 Fees: Free

Mathematics

Virginia State University : UNITE

Friday, 8am-5pm, for high school students (grades 11), who are considering careers in science, technology, engineering and mathematics (STEM). The A... UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-

https://www.usaeop.com/program/unite/ Grades: 9,10,11 State: VA Program date: June -Aug 2024 Due date: May 2024

Virginia Tech : UNITE

UNITE is a four-week summer program, held Mond Friday, 8am-5pm, for high school students (grades 12), who are considering careers in science, technology, engineering and mathematics (STEM). The A...

https://www.usaeop.com/program/unite/ Grades: 9,10,11 State: VA Program date: June -Aug 2024 Due date: May 2024 Fees: Free

Marshall University: UNITE

UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A...

Grades: 9,10,11 Program date: June -Aug 2024 Due date: May 2024 Fees: Free

Prairie View A&M University: MathUp & WriteUP Summer Bridge Program

MalthUp & WriteUP Summer Bridge Program is a (3) week summer program for entering freshmen for Fall 2022. Students will receive personalized writing and mathematics instructions from highly trained pro...

https://www.pvamu.edu/student-success/summer/bridge-programs/ Grades: 10,11,12 State: TX Program date: June 3-13, June 17-27, July 15-25, 2024

Due date: Apr 14,2024

Columbus State Community College: STEM Summer Bridge Program
Get a head start in the STEM fields. Our STEM Summer Bridge Program is a tultion-free program designed to prepare Associate of Science majors for academic success at Columbus State...

https://www.cscc.edu/academics/departments/science/futurescientists/stembridge.shtml
Grades: 9,10,11,12 State: OH Program date: Aug 21-24,2023 Due date: June 15, 2024

Oklahoma State University : UNITE

Its a Polymers Life Academy is designed for high school students who have completed their freshmar sophomore or junior year in the Spring of 2020. The program will introduce several aspects within th...

https://www.usaeop.com/program/unite Grades: 9.10.11 State: OK Program date: June -Aug 2024 Due date: May 2024 Fees: Free

Mathematics

University of Texas Permian Basin : UNITE

UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). UNITE...

https://www.usaeop.com/program/unite/ Grades: 9,10,11 State: TX Program date: June -Aug 2024 Due date: May 2024

Mathematics

Massachusetts Institute of Tech (MIT) Cambridge MS: UNITE

Is a two-week, residential radar workshop for rising high school seniors. It is a summer workshop teaching students how to build small radar systems. This summer STEM program is a FREE two-week resi...

https://www.usaeop.com/program/unite/ Grades: 11 State: MA

Program date: June -Aug 2024 Due date: May 2024 Fees: Free

Stony Brook : Quantum Information Science & Technology Summer Program

The goal of this one-week program is to introduce students to quantum information science principles and basic quantum computing. No background in programming, physics, or advanced mathematics is nece

https://www.stonybrook.edu/commcms/istem/students/grades_5-12/summer/Quantum%20Information%20Science-Technology.php

Program date: June 27, 28, July 1-3, 2024

Due date: May 31,2024 Fees: 0

Colorado State University : GirlsGetMath@CSU

GirlsGetMath@CSU is a free five-day non-residential mathematics camp at Colorado State University that is open to students entering grades 9-12 in Fall , regardless of gender. Students will explore a ...

https://mathematics.colostate.edu/girls-get-math/

Program date: June 10-14, 2024 Due date: Apr 2024



List of High School Students upcoming Summer programs/Internships



Boston University : GeMsGetMath@BU

GeMsGetMath@BU, where GeMs = Gender Minorities in Mathematics, is a five-day, non-residential summer program for approximately 25 high schoolers of any gender who live in the greater Boston area. GGM@...

https://sites.google.com/bu.edu/ggm

Grades: 10,11 State: MA Program date: August 12-16, 2024 Due date: June 15,2024

Fees: \$0

Mathematics

Boston University: Upward Bound Math Science

Upward Bound Math Science is part of the federally-funded TRIO programs, whose purpose is to prepare low-income and first-generation college bound students for success in higher education in STEM fiel...

https://www.bu.edu/ubms/

Grades: 9.10.11 Program date: June 23-Aug 2,2024 Due date: May 2024 Fees: \$0

Mathematics

Calvin University : Math Circle

The Calvin University Math Circle is an opportunity for 6th-8th grade students (typically 11–13 years old) to engage with exciting problems and topics in mathematics. Meetings are led by a professor i...

https://calvin.edu/offices-services/camps/health/

Program date: June 24-28,2024 Due date: May 1, 2024 Fees: Free

Mathematics

Vaughn College : Higher Education Opportunity Program (HEOP)

The HEOP program is designed to help educationally and economically disadvantaged students in New York State receive a college education. The summer program serves to academically and socially orient ...

https://www.vaughn.edu/summer-programs/

Grades: 9,10,11 State: N Program date: July 15-Aug 9,2024 Due date: June 17, 2024 Fees: \$0

Mathematics

Eastern Oregon University : EOU Mathematics Competition

The state of Oregon holds an annual High School Mathematics Skills Competition. Competitors in the State competition must first place as a top finisher of one of the many regional qualifying competiti... https://www.eou.edu/math/eastern-oregon-university-regional-high-school-mathematics-competition/

Grades: 9,10,11 State: OR

Program date: 45398 Due date: April 2024

Mathematics

Fees: \$50

West Liberty Univ : Hilltopper Academy

Hilltopper Academy is a week-long, residential, summer bridge program designed to increase college readiness among entering first-year students with atrisk pre-entry factors (i.e. substandard scores ... https://westliberty.edu/lsdc/hilltopper-academy/

Grades: 11.12 Program date: TBD Due date: June 2024

Elmhurst University : STEM Academy

This 10-day (Monday–Friday) online program provides an exceptional opportunity for high school students entering their junior or senior years to expand their horizons, develop their skills and experie...

https://www.elmhurst.edu/landing/stem-academy/

Grades: 9.10.11 State: II Program date: July 15-26,2024 Due date: May 2024 Fees: \$50

Mathematics

Univ of Wyoming : Math Summer Bridge

By participating in the Math-Intensive Summer Bridge, students: -Enter the program with a math ACT score between 470-630. -Take one intensive 4-week math class and enroll ...

http://www.uwyo.edu/faoutreach/summer-music-camp/

Grades: 10.11 State: WY Program date: July 12-Aug 9, 2024 Due date: June 30,2024 Fees: \$75

Mathematics

Univ of Wyoming: Veterans Summer Bridge

Need to dust off your math skills in preparation for your transition to college? Interested in building a support network with other student veterans and UW staff and faculty? Think about participat...

https://www.uwyo.edu/summerbridge/veterans/index.

Program date: July 12-Aug 9, 2024 Due date: June 30,2024 Fees: \$75

University of Wisconsin - Survey of Calculus

This course introduces you to both the theory and the application of techniques that you would learn in a first-semester calculus course as taught at the university level, or to learn mathematical tec...

https://uwm.edu/sce/courses/survey-of-calculus/

Grades: 9,10,11 State: W Program date: July 29-Aug 2, 2024 Due date: July 19, 2024 Fees: \$99

University of Wisconsin - Trigonometry

This course introduces you to both the theory and the application of techniques that you would learn in a first-semester calculus course as taught at the university level, or to learn mathematical tec...

https://uwm.edu/sce/courses/trigonometry/

Grades: 9,10,11 Program date: July 29-Aug 2, 2024 Due date: July 19, 2024

University of Wisconsin - Discrete Mathematics and Combinatronics

This course introduces you to both the theory and the application of techniques that you would learn in a first-semester calculus course as taught at the university level, or to learn mathematical tec...

https://uwm.edu/sce/courses/discrete-mathematicsand-combinatronics/

State: WI Grades: 9.10.11 Program date: June 24-28, 2024 Due date: June 14,2024 Fees: \$99

Peck School of the Arts : ArtsECO - Advanced Geometry

From doing puzzles to rearranging your room, you probably use geometry more than you realize. Dis mathematical relationships through explorations at demonstrations. Improve your spatial and unde...

https://uwm.edu/sce/courses/advanced-geometry/

Grades: 9.10.11 State: WI Program date: July 8-12, 2024 Due date: June 28,2024 Fees: \$99

Mathematics

Peck School of the Arts : ArtsECO - Algebra Camp

Develop an understanding of some basic algebra concepts as you build models and use exercises to practice your algebraic-thinking skills. No previous knowledge of algebra is necessary for this fun and...

https://uwm.edu/sce/courses/algebra-camp/

Grades: 9.10.11 State: WI Program date: July 8-12, 2024 Due date: June 28,2024 Fees: \$99

Mathematics

Peck School of the Arts : ArtsECO - Algebra I

Explore the interpretation of equations of lines and their graphs, systems of linear equations and their solutions, and interesting applications! Also, learn more skills on working with fractional exp...

https://uwm.edu/sce/courses/algebra-i/

Program date: Aug 5-9, 2024 Due date: July 26,2024 Fees: \$99

Peck School of the Arts : ArtsECO - Algebra II

Learn about quadratic equations and properties of graphs of parabolas, graphs of other basic algebral functions (polynomial, exponential, logarithmic), fractional/rational equations, equations with r...

https://uwm.edu/sce/courses/algebra-ii/

Grades: 9,10,11 State: WI Program date: TBD Due date: July 26,2024 Fees: \$99

Peck School of the Arts : ArtsECO - Survey of Calculus

This course introduces you to both the theory and the application of techniques that you would learn in a first-semester calculus course as taught at the university level, or to learn mathematical tec...

https://uwm.edu/sce/courses/survey-of-calculus/

Grades: 9,10,11 Program date: July 29-Aug 2, 2024 Due date: July 19,2024

Peck School of the Arts: ArtsECO - Trigonometry

Study triangles and the relationships between their angles and the lengths of their sides. Learn about graphs of trigonometric functions. Enrich your matt knowledge and use basic concepts of trigonome...

https://uwm.edu/sce/courses/trigonometry/

Grades: 9.10.11 State: WI Program date: July 29-Aug 2, 2024 Due date: July 19,2024 Fees: \$99

Peck School of the Arts : ArtsECO - Advanced Geometry

From doing puzzles to rearranging your room, you probably use geometry more than you realize. Dismathematical relationships through explorations and demonstrations. Improve your spatial and unde...

https://uwm.edu/sce/courses/advanced-geometry/

Grades: 9.10.11 State: WI Program date: July 8-12, 2024 Due date: June 28,2024 Fees: \$99

Mathematics

Peck School of the Arts : ArtsECO - Discrete Mathematics and Combinatronics

The contemporary high school mathematics curriculum focuses on continuous mathematics. But for the modern computerized digital world, you need to understand how to express practical situations into ma...

https://uwm.edu/sce/courses/discrete-mathematics-

and-combinatronics/ Grades: 9.10.11 State: WI Program date: June 24-28, 2024 Due date: June 14,2024

Mathematics

Fees: \$99

Peck School of the Arts : ArtsECO - Pre-Calculus

Pre-calculus is the bridge between intermediate algebra and calculus, and is a great way to get acquainted with ideas about mathematical functions, their graphs and their solutions. Learn about polyno.

https://uwm.edu/sce/courses/pre-calculus/

Program date: TBD Due date: July 26,2024 Fees: \$99

Peck School of the Arts : ArtsECO - Business and Financial Math

This course provides an overview of the basic mathematical relationships used in financial math and business math. You learn how to do a variety of calculations that help you manage your own finances,...

https://uwm.edu/sce/courses/business-financial-math/

Grades: 9,10,11 State: WI Program date: July 29-Aug 2, 2024 Due date: July 19.2024 Fees: \$99

Univ. of Minnesota : Discover STEM

Wondering which careers in science, technology, engineering, or mathematics (STEM) will allow you to discover your passions and assure you of an exciting job almost anywhere in the world? Join in a we... https://cse.umn.edu/college/discover-stem

Grades: 10.11 State: MN

Program date: July 24-28, July 31-Aug 4, Aug 7-11, 2024 Due date: Apr 21,2024

Arizona State Univ : STEAMpunk Machine in Motion

Board your airships and jettison the ballast! Join in the fight to save a dystopian realm and create beautiful and imaginative kinetic sculptures that tell your heros tale. In this immersive week-long...

https://eoss.asu.edu/access/programs/summer/search

Grades: 9.10.11 State: A7 Program date: Jun 10 - Jun 14,2024 Due date: June 15, 2024



List of High School Students upcoming Summer programs/Internships



New Jersey National Guard : Steam Camp

In previous years, we would have a full day dedicated to STEAM (Science, Technology, Engineering, Art, and Math), This year, we will be joining forces with the Recruiting and Retention Office at Sea G...

https://www.nj.gov/military/support/family-programs/programs-services/youthprograms/camp

Grades: 9,10,11 Program date: July 7-13,2024

Due date: May 2024 Fees: \$175

Mathematics

The University Of Utah : SUmmer Youth Education - Intro to AP Calculus AB

Are you planning to take Calculus next year, or maybe you just want to learn what this exciting branch of mathematics is all about? In this workshop, we will be introducing concepts and problems relat...

https://continue.utah.edu/youth/class/yehs_204_intro_to_ap_calculus_ab_age_14_17

Grades: 9 State: UT Program date: Aug 5-9,2024 Due date: May 2024 Fees: \$175

Mathematics

University of Illinois-Urbana-Champaign : Summer Illinois Mathematics Camp

Summer Illinois Math (SIM) Camp is a week-long math day camp for middle and high school students hosted by the University of Illinois at Urbana-Champaign Department of Mathematics. Campers will see th... https://math.illinois.edu/illinois-geometry-lab/summer-illinois-mathematics-camp

Grades: 9 10 11 Program date: June 3-7, 2024 Due date: Apr 26,2024

Fees: \$200

Mathematics

Governor School for Science & Mathematics
Foundation: The Science of People
What exactly do psychologists do? How do humans
grow, develop, and learn? We will investigate each of
the main topics in psychology, including learning and
behavior, neuropsychology, sensation and per...

https://www.scgssm.org/summer-camps/summer-stem-

Grades: 9.10.11 State: SC Program date: June 17-21,June 24-28,2024 Due date: May 15,2024

Fees: \$200

Mathematics

La Roche University : Scholar Credit Initiative Program (SCIP)

La Roche University Scholar Credit Initiative Program (SCIP) allows you to earn college credits while you're still in high school. Whether you want to take classes online or on the La Roche campus,...

https://www.laroche.edu/Academics/Special Programs/High School/SCIP-Scholar Credit Initiative Program/

Grades: 10.11.12 State: PA Program date: Check Website Due date: May 2024

Fees: \$235/Credit

Mathematics

waterianus Illinois Institute: Online - Mathematics Camp: Proof, Number Theory, Counting & Probability Many people see math as nothing but a subject with a lot of incomprehensible rules to remember. However, mathematics is not just about numbers, equations, and rules, its more than that. Yet most people.

https://www.iit.edu/academics/elevate-collegeprep/summer-programs/pre-college-online-summer-programs/mathematics-camp

Grades: 10.11.12 State: IL Program date: June 10-14,2024 Due date: May 3,2024 Fees: \$249

Univ of Chicago : The Young Scholars Program

The Young Scholars Program (YSP) at the University of Chicago offers enthusiastic and talented math students from seventh through twelfth grades an opportunity to strengthen their mathematical powers. https://mathematics.uchicago.edu/young-scholars-program/summer-program/

Grades: 9.10.11.12 Program date: July 1-26,2024 Due date: Apr 12,2024 Fees: 250-1000 based on Yearly Income

Bowie State University : Girls Who Will :- Girls Only

Girls Who Will (GWW) is a summer program for middle and high school girls that provides innovative technology education to girls in the Washington, DC, Maryland, and Virginia areas. Included Topics a...

https://www.bowiestate. edu/academics/colleges/college-of-arts-and-sciences/departments/technology-and-security/community-outreach-and-camps/girls-who-will.

Grades: 9.10.11.12 State: MD Program date: June 24-28,2024 Due date: May 3,2024 Fees: \$250

Shelton State Community College: Stem Academy

Shelton State will offer an online STEM Academy for 3rd – 12th grade students. The classroom format will be conducted through Zoom meetings with a certified instructor. Students will be required to ha...

https://www.sheltonstate.edu/admissions-financial-aid/recruiting-and-outreach/k-12-outreach/k-12-campsand-workshops/stem-academy

Grades: 9.10.11 State: AL Program date: June 19 – 29,July 17 – 27, 2023 Due date: May 2024 Fees: \$250

Montclair State University : Early College Scholars

Through our Early College Scholars Program, academically ambitious high school students have an exciting opportunity to complement high school study with Montclair State University coursework. Earn tr... https://www.montclair.edu/early-college-program/early-

college-scholars/ Grades: 10.11 State: NJ

Program date: TBD Due date: June 28,2024 Fees: \$285/Credit

Mathematics

Matternators
Tennessee State University: Engineering
Exploration Camps (EEC)
The objective for Engineering Exploration Camps (
EEC) is to allow high school students the chance to explore the various disciplines within the College of Engineering at Tennessee State University, i...

http://www.tnstate.edu/engineering/precollege.aspx

Grades: 12 State: TN Program date: June 9-23,2024 Due date: May 3,2024 Fees: \$300

Mathematics

Residence Calling - STEM Exploration
Science - Technology - Engineering - Math! Think you
want to be a STEM world changer one day? Then
explore the fascinating world of STEM on the SD Mines
Campus during summer 2020! Learn and experimen...

https://www.sdsmt.edu/Academics/Events-and-Outreach/Summer-Camps/Camp--STEM-Exploration/

Grades: 9.10.11 State: SD Program date: July 15 - 18, 2024 Due date: May 15,2024 Fees: \$300

North Carolina Scholastic Media : Summer School - Math Modeling

Provides an introduction to the use of mathematics for modeling real-world phenomena in a nontechnical settling. Models use algebraic, graphical, and numerical properties of elementary functions to int...

https://summer.unc.edu/course-offerings/high-school-

Grades: 11.12 Program date: June 24-July 30,2024 Due date: June 1,2024

North Carolina Scholastic Media : Summer School - Precalculus Math

Prerequisite, MATH 110; a grade of C- or better is required. Covers the basic mathematical skills new for learning calculus. Topics are calculating and working with functions and data, introduction...

https://summer.unc.edu/course-offerings/high-school-

Grades: 11.12 State: NC Program date: May 15- June 22,June 24-July 30,2024 Due date: June 1,2024 Fees: \$300

North Carolina Scholastic Media : Summer School - Calculus 1

Prerequisites, MATH 110 and 130. Requires a grade of C- or better in MATH 130 or placement by the department. Limits, derivatives, and integrals of functions of one variable....

https://summer.unc.edu/course-offerings/high-school-

Grades: 11 12 State: NC Program date: May 15- June 22, June 24-July 30, 2024 Due date: June 1,2024 Fees: \$300

Mathematics

Macalester College : MITY-EYM -> Introduction To Mathematical Modeling

Mathematical Modeling
Could King Kong really exist? Should an airline
overbook? These and other questions can be explored
through mathematical modeling, the process of
applying mathematics with the goal of understanding ... https://mity.org/programs/online-programs/expandyour-mind-online/

Grades: 9.10.11 Program date: June 17 - 28,2024 Due date: May 1,2024 Fees: \$300

Mathematics

Univ. of Wisconsin: Summer STEAM Experience (Science, Technology, Engineering, Art & Math) Students entering grades 8 to 12 are invited to explore career paths with UW-Stout faculty experts white engaging in science, technology, engineering, art, design, and math in a hands-on setting. Camp... https://www.uwstout.edu/outreach-

engagement/community-connections/youth-camps-programs/summer-steam-experience Grades: 9.10.11 State: WI Program date: June 11-15,July 9-13,2024

Due date: 2024-02-01 Fees: \$325

Mathematics

Rutgers University: Summer Scholars Program Courses in Mathematics
The Department of Mathematics will approve high school students (ages 16-18) to take 200-level or above math courses on a case-by-case basis. Conta advisor@math.rutgers.edu to request permission to .

https://summerscholars.rutgers.edu/

Grades: 9.10.11 State: NJ Program date: May 28-June 21, July 8-Aug 14, 2024 Due date: June 28,2024 Fees: \$400-\$450/Credit - NJ Resident

Georgia Tech: Expanded Learning Programs at CEISMC - Code With the Yahboom Smart Robot

Students will learn more about coding the digital world by programming their Yahboom robotic pals to sense and respond to stimuli as they accomplish tasks in our physical world. This program is hosted...

https://studentprograms.ceismc.gatech.edu/summer-programs/sessions/high-school

Grades: 9.10.11.12 Program date: Jun 3-7, 2024 Due date: May 27,2024 Fees: \$500

Xavier Univ of Louisiana : Pre-College Program - MATHStar I - Algebra I

MATHStar: is unique and action-based approach to Algebra I. Students will cover the following topics and more: Variables and Algebraic Expressions, Introduction to Equations, Advanced Work with

https://www.xula.edu/pre-college-programs/index.html

Grades: 9.10.11.12 State: LA Program date: June 3-21,2024 Due date: May 20,2024 Fees: \$500

Mathematics

Univ of Rochester : Half Day Program - GeMsGetMath@UR :- Girls Only

The program is open to all high school students who mind math useful and exciting! GeMs at Rochester occurs in an encouraging environment that builds students' confidence in math and science. This cou...

https://admissions.rochester.edu/pre-college/programs/all-programs/#half-day-programs

Grades: 9 10 11 12 State: NY Program date: July 22-26, 2024 Due date: May 1,2024 Fees: \$500

Mathematics

Rice University : Summer Enrichment - Jumpstart to Algebra I an II

Rice University School Mathematics Project (RUSMP) Mission: To create a better understanding of the nature, beauty, and importance of mathematics and to promote effective teaching of mathematics. Our ... https://rusmp.rice.edu/register/students

Grades: 9.10.11.12 Program date: July 22 - August 2, 2024

Due date: Apr 2024 Fees: \$550

Mathematics

Rice University : Summer Enrichment - Jump start to Geometry

Rice University School Mathematics Project (RUSMP) Mission: To create a better understanding of the nature, beauty, and importance of mathematics and to promote effective teaching of mathematics. Our ... https://rusmp.rice.edu/register/students

Grades: 9.10.11.12 State: TX Program date: July 22 - August 2, 2024 Due date: Apr 2024

Fees: \$550 Mathematics

Univ. of South Dakota : Governors Camp

The USD School of Education offers a week-long summer program for gifted students entering grades 6-9 who want to expand their strengths and make lifelong friends. We believe each child is gifted in a...

Schools/school-of-education/South-Dakota-Governors-Camp

Grades: 9 State: SD Program date: July 21 - 26, 2024 Due date: June 1,2024





NJIT : Academy College Courses - Pre Calculus (4 Credit)

Participants earn NJIT college credits in small, customized classes taught by faculty who have been recognized for their commitment to teaching excellence. Classes meet on Saturdays during the fall

https://www.njit.edu/precollege/academy-co-courses-high-school-students Grades: 10,11 State: NJ

Program date: July 4-Aug 8,2024 Due date: May 13,2024 Fees: \$563/Credit

Mathematics

NJIT : Academy College Courses - Calculus I (4 Credit)

Participants earn NJIT college credits in small, customized classes taught by faculty who have been recognized for their commitment to teaching excellence. Classes meet on Saturdays during the fall

Program date: July 4-Aug 8,2024

Due date: May 13,2024 Fees: \$563/Credit

Mathematics

FISK University : To Harness, Retain, Understand, Sustain and Teach(THURST)

Sustain and Teach This program recruits boys in 5th through 12th grades from underrepresented groups into an 8-week summer-science camp. These projects use the community organizations to strongly enc...

https://www.fisk.edu/campus-life/get-involved/summer-

Grades: 9,10,11,12 Program date: TBD Due date: May 2024

Fees: \$600

Mathematics

GUSTO is a SSCDC (Spruce Street Community Development Corporation) endeavor concerned with providing enriching activities that expose students to-and prepares them for—careers in math and science

https://www.fisk.edu/campus-life/get-involved/summer-

Grades: 12 State: TN Program date: TBD Due date: May 2024 Fees: \$600

Mathematics

FISK University :Pre-College Summer Institute

For families who want a summer filled with enrichment activities that will help their children better prepare for courses in mathematics, science, and reading/language arts along with fun-filled acade...

https://www.fisk.edu/campus-life/get-involved/summerprograms

Grades: 12 Program date: TBD Due date: May 2024 Fees: \$600

Mathematics

West Virginia Univ : Camp STEM

Camp STEM is southern West Virginia premiere camp for high school students interested in science, technology, engineering and math fields. The weeklong camp is held on WVU Tech campus in Beckley, Wes...

https://camps.wvutech.edu/camp-stem

Grades: 9.10.11 Program date: June 9-14,2024

Due date: May 6.2024 Fees: \$600

Michigan Technological University : Art Through STEM

Bridge the worlds of science, technology, engineering and math through the visual arts! In this class you'll use art to explore design and engineering principles and create science inspired masterpiec...

Grades: 10.11 Program date: June 23-28,2024 Due date: Apr 10.2024 Fees: \$665

Stony Brook : Mathematics Summer Program

The program is designed for students who have an interest in enriching their mathematics education. During the one-week program students will explore several branches of mathematics, including: K...

https://www.stonybrook.edu/commcms/istem/students/grades_5-12/summer/mathematics.php Grades: 10,11 State: NY

Program date: July 15-18,2024

Due date: May1,2024 Fees: \$700

Mathematics

West Virginia Univ : GeoSTEM Camp

Learning about Geology through Experiential Adventure Recreation. The United States Geological Survey and the West Virginia Geological & Economic Survey have teamed up with West Virginia University,

https://www.geo.wvu.edu/students/undergraduate-students/field-camp

Grades: 9,10,11 Program date: TBD Due date: June 2024

Fees: \$650

Purdue : Credit Fun Sized Courses - Data Science and STEM

From tracking activity on a wearable device to ensuring the accuracy of sports statistics, data is everywhe The world is in need of scientists to help analyze, manipulate and act on this data. This...

https://www.purdue.edu/summer-highschool/enrollment-options/fun.php

Grades: 10.11.12 State: IN Program date: July 14-19, July 21-26, 2024 Due date: June 2024 Fees: \$724

Mathematics

Mathematics
Areteem Institute: Math Zoom - Washington
Summer Day Camp
Math Zoom program is to stimulate interest and
cultivate the passion for mathematics, to develop
problem solving, analytical and creative thinking skills,
to build a solid foundation in the core comper.

https://areteem.org/summer-camps/math-summer-

Grades: 9 10 11 12 Program date: TBD Due date: May 2024 Fees: \$750/Week

Mathematics

Maine School of Science and Mathematics : Summer Camp

The MSSM Summer Camps is as excited as ever to inspire and encourage campers ages 10-14 to pursue their passions in science, technology, engineering, and mathematics. The MSSM Summer Camp program

https://www.mssm.org/summer

State: MF Program date: June 23-July 20,2024, Multiple Camps

Due date: May 2024 Fees: \$800

Drexel University: Math, Music, and Coding Camp

Can you feel the beat? Have you ever wondered why music sounds the way it does? Why are some combinations of notes pleasant while others are unpleasant? Why do some sounds make us feel joy

https://drexel.edu/academics/pre-college-programs/summer-institutes/arts-sciences Grades: 10,11 State: PA

Program date: July 15-19,2024 Due date: June 30.2024

Louisiana State University : Math Circle: Conducting Mathematical Research

Summer programs at Math Circle give talented high school students a unique introduction to the complex world of college mathematics. At Math Circle, you will take two courses - Combinatorics and Numbe...

Program date: June 10 - June 29 / July 15 - Aug 3, 2024

Due date: May 15,2024 Fees: \$895

Mathematics

Rice University : Summer Enrichment - Preparing for Success in Calculus

The content of the 14-day program, Preparing for Success in Calculus, focuses on introductory calculus topics, including limits, continuity, differentiability, and applications of the derivative, with...

https://rusmp.rice.edu/register/students

Grades: 9 10 11 12 Program date: June 10 - 28, 2024 Due date: Apr 2024 Fees: \$950

United States Naval Academy : Summer STEM Program

idering a future in tech? Summer STEM at the Naval Academy is a vibrant week of problem-solving, exploratory learning, critical thinking, and team building for rising 9th - 11th graders interested...

https://www.usna.edu/Admissions/Programs/STEM

Grades: 9.10.11 State: MD Program date: June 3-8,June 10-15,June 17-21,2024 Due date: Apr 15,2024 Fees: \$650

Mathematics

Montclair State University : Weston Science Scholars Program

The Weston Science Scholars Program, now in its 23rd year, offers specially selected ninth, tenth and eleventh graders from Montclair High School the opportunity to learn science "by doing science." T...

https://www.montclair.edu/weston-science-scholars/

Grades: 10 11 State: N.I. Program date: June 24 – July 25, 2024 Due date: May 2024 Fees: \$990

Mathematics

AwesomeMath Summer Program

This camp balances a rigorous mathematics curriculum and program, with a wide-range of activities that allow our campers to connect on multiple levels. Sports, games, and our talent show, are a few ex...

https://www.awesomemath.org/summerprogram/overview/program-information. Grades: 9.10.11.12 Program date: June 10-28, July 1-19, July 22-Aug 9,2024

Due date: Apr 2.2024 Fees: \$1,075

Nebraska : All Girls/All Math summer camp

This weeklong summer mathematics camp for high school girls provides a stimulating and supportive environment for girls to develop their mathematical ability and interest. Participants learn about the...

Grades: 11.12 Program date: June 9-14,2024 Due date: May 20,2024

Global Online Academy : Geometry

This intensive summer course is designed to provide an accelerated path through the traditional high scho geometry curriculum. Focusing on Euclidian geometr students will examine topics relating t...

Program date: June 17-Aug 2,2024

Due date: May 2024 Fees: \$1,200

Global Online Academy : Precalculus

In this intensive summer course, students deepen and apply their understanding of mathematics in order to be prepared for higher-level courses. The emphasis is on understanding functions, including tr...

https://globalonlineacademv.org/student-

program/student-courses/precale Grades: 9,10,11 Program date: June 17-Aug 2,2024 Due date: May 2024

Fees: \$1,200

What are the origins of human society, language, and knowledge? Through classical works of history, philosophy, religion, mathematics, and poetry, we will explore the idea of the beginning. We encount...

https://www.sjc.edu/summeracademy/sessions/beginnings

Grades: 9.10.11 State: MD Program date: July 7-13,2024 Due date: May 1,2024 Fees: \$1,200

Mathematics

Global Online Academy : Algebra I

This intensive seven-week summer course is engineered to fast-track your journey through the foundational Algebra I curriculum, and to lay a strong foundation for a successful transition from middle s...

https://globalonlineacademy.org/studentprogram/student-courses/algebra-i Grades: 9 10 11 State: WA Program date: June 17-Aug 2,2024 Due date: May 15,2024

Fees: \$1,200

Mathematics

Tufts University : Pre-College Programs -Discrete

Sets, relations and functions, logic and methods of proof, combinatorics, graphs and digraphs....

https://universitycollege.tufts

edu/courses/browse/discrete-mathematics
Grades: 10,11 State: MA Program date: July 1 - August 9, 2024

Due date: May 1, 2024



List of High School Students upcoming Summer programs/Internships



Tufts University : Pre-College Programs -Calculus

Differential and integral calculus: limits and continuity, the derivative and techniques of differentiation, extremal problems, related rates, the definite integral, Fundamental Theorem of Calculus, d...

Grades: 10,11 State: M/

Program date: July 1 - August 9, 2024

Due date: May 1, 2024 Fees: \$1,300

Mathematics

Michigan : Math and Science Scholars - Dissecting Life: Graph Theory

Ignore your previous knowledge of algebra, geometry, and even arithmetic! Start fresh with a simple concept: Take a collection of points, called vertices, and connect some of them with lines called ed...

https://sites.lsa.umich.edu/mmss/

Grades: 10,11,12 Program date: June 23-July 5,July 7-19,July 21 – August 2,2024

Due date: Apr 2024 Fees: \$1 300

Michigan : Math and Science Scholars - Mathematics and the Internet

How can gigabytes of information move over unreliable airwaves using unreliable signaling, and arrive perfectly intact? How can I have secure communication with a website run by a person I've never me...

https://sites.lsa.umich.edu/mmss/

Grades: 10,11,12 Program date: June 23-July 5,July 7-19,2024

Due date: Apr 2024 Fees: \$1,300

Mathematics

Michigan: Math and Science Scholars - The Geometry of Music

Math and music are related in multiple ways. From the Western historical point of view we find connections in the math of Pythagoras, in the development of the equal temperament, and in the theoretica...

https://sites.lsa.umich.edu/mmss/

Grades: 10,11,12 State: M Program date: June 23-July 5,2024 Due date: Anr 2024 Fees: \$1,300

Mathematics

Michigan: Math and Science Scholars - Art and Mathematics

With just a little historical revisionism, we can say that Art has provided inspiration for many fields within Mathematics. Conversely, Mathematics gives techniques for analyzing, appreciating, and ev... https://sites.lsa.umich.edu/mmss/

Grades: 10.11.12 State: MI Program date: July 7-19,2024 Due date: Apr 2024 Fees: \$1,300

Mathematics

Brooks School : Summer Programs - Algebra I

This is a first year algebra course. Topics covered during the session include order of operations, evaluating expressions, solving equations, inequalities, polynomials, factoring, fractions, word pro...

https://summer.brooksschool.org/program/summer-

State: MA Grades: 9.10.11 Program date: June 24-July 3,July 8-19,July 22-Aug 2, 2024

Due date: May 2024 Fees: \$1,360

Brooks School : Summer Programs - Algebra II

This a second year course in Algebra. Students must have completed Algebra I prior to enrolling in this course. Concepts reviewed include relations, functions, solving systems of equations, complex nu...

Grades: 9,10,11 Program date: June 24-July 3,July 8-19,July 22-Aug 2,

Due date: May 2024 Fees: \$1,360

Brooks School : Summer Programs - Engineering Applications of Geometry and Trigonometry

This course builds upon algebra skills and is designed for students in grades 8, 9, and 10 who are seeking unique opportunities to learn and practice applied mathematics. Additionally, those intereste...

https://summer.brooksschool.org/program/summer-

Program date: June 24-July 3,July 8-19,July 22-Aug 2, 2024

Due date: May 2024 Fees: \$1,360

Brooks School : Summer Programs - SSAT Math

The SSAT Math course prepares students for the math sections on the SSAT. Along with learning test taking skills, students will be provided direct instruction and review of concepts such as whole numb...

https://summer.brooksschool.org/program/summer-school/

Program date: June 24-July 3,July 8-19,July 22-Aug 2, 2024 Due date: May 2024

Fees: \$1,360

What are the origins of human society, language, and knowledge? Through classical works of history, philosophy, religion, mathematics, and poetry, we will explore the idea of the beginning. We encount...

https://www.sjc.edu/summer

academy/sessions/beginnings Grades: 9,10,11 State: MD Program date: July 7-13,2024 Due date: May 1,2024 Fees: \$1,400

St. John College : Annapolis - Order & Disorder: Patterns In Mathematics, Systems Of Government, Laws Of Nature

When we look deeply into the workings of the unit it sometimes appears that everything is in flux. Or other hand, we sometimes glimpse patterns that captivate us with their elegance and seem ...

https://www.sjc.edu/summer-academy/sessions/order-

Grades: 9.10.11 State: MD

Program date: July 7-13,2024 Due date: May 1,2024 Fees: \$1,400

Mathematics

Stanford : Pre-Collegiate University-Level Online Math & Physics

Stanford Pre-Collegiate University-Level Online Math & Physics courses are not your typical self-paced online classes. Once enrolled in a course, students proceed through the materials at their own pa...

https://spcs.stanford.edu/programs/stanford-pre-collegiate-university-level-online-math-physics Grades: 9.10.11.12 State: CA Program date: July 24-Aug 4,2023

Due date: May 15.2024

Univ of Rochester : Online Program - Calculus I & II & III

Calculus I: Course Description: Analysis of the elementary real functions: algebraic, trigonometric, exponentials and their inverses and composites. Their graphs and derivatives. Topics include limit...

Grades: 9,10,11,12 Program date: May 20-June 28,2024

Due date: May 20,2024 Fees: \$1,500

Univ of Rochester : Online Program - Discrete Mathematics

Logic, functions, algorithms, mathematical reasoning, mathematical induction, recurrence relations, techniques of counting, equivalence relations, graphs, trees. Required for Computer Science majors...

https://enrollment.rochester.edu/precollege/non-credit-courses/

Grades: 9,10,11,12 Program date: May 20-June 28,2024

Due date: May 20,2024 Fees: \$1.500

Univ of Rochester : Online Program - Multidimensional Calculus

Equations of lines and planes, quadric surfaces, space curves, partial derivatives, linear approximation, directional derivatives, extrema, Lagrange multipliers, double/triple integrals including cyl...

https://enrollment.rochester.edu/precollege/non-credit-courses/

Grades: 9,10,11,12 Program date: May 20-June 28, July 1-Aug 9,2024

Due date: May 20,2024 Fees: \$1,500

Univ of Rochester : Online Program - Linear Algebra W/Diff. Equ

Matrix algebra and inverses, Gaussian elimination, determinants, vector spaces, eigenvalue problems. First order differential equations, linear second order differential equations with constant coeffi...

https://enrollment.rochester.edu/precollege/non-credit-

Grades: 9,10,11,12 State: NY Program date: May 20-June 28, July 1-Aug 9,2024 Due date: May 20.2024 Fees: \$1.500

Mathematics

Univ of California - Irvine : Summer Bridge - Pre-Calculus I : ONLINE

Basic equations and inequalities, linear and quadratic functions, and systems of simultaneous equations...

https://summer.uci.edu/programs-bridge/

Grades: 10.11.12 Program date: Jun 24-Aug 1,2024 Due date: June 15, 2024

Fees: \$1,500

Mathematics

Univ of California - Irvine : Summer Bridge - Single-Variable Calculus I : ONLINE

Introduction to derivatives, calculation of derivatives of algebraic and trigonometric functions; applications including curve sketching, related rates, and optimization. Exponential and logarithm fun...

https://summer.uci.edu/programs-bridge/

Grades: 10.11.12 Program date: Jun 24-Aug 1,2024

Due date: June 15, 2024

Univ of California - Irvine : Summer Bridge - Introduction to Linear Algebra : ONLINE

Systems of linear equations, matrix operations, determinants, eigenvalues and eigenvectors, vector spaces, subspaces, and dimension. Prerequisite: MATH 2B or MATH 5B or MATH 7B or AP Calculus

https://summer.uci.edu/programs-bridge.

Grades: 10.11.12 Program date: Jun 24-Aug 1,2024

Due date: June 15, 2024 Fees: \$1,500

Univ of California - Irvine : Summer Bridge - Calculus for Life Sciences I : ONLINE

Differential calculus with applications to life sciences. Exponential, logarithmic, and trigonometric functions. Limits, differentiation techniques, optimization and difference equations. Prerequisite...

https://summer.uci.edu/programs-bridge/

Grades: 10,11,12 Program date: Jun 24-Aug 1,2024

Fees: \$1 500

Univ of California - Irvine : Summer Bridge - Elementary Differential Equations : ONLINE

Linear differential equations, variation of parameters, constant coefficient cookbook, systems of equations, Laplace transforms, series solutions. ...

https://summer.uci.edu/programs-bridge/

Grades: 10,11,12 Program date: Aug 5-Sept 11,2024

Due date: June 15, 2024 Fees: \$1,500

IDEA MATH Summer Program - Greater Boston

IDEA MATH provides in-depth enrichment in important mathematical areas, particularly in the fields from which contest problems are drawn: algebra, combinatorics, geometry, and number theory. We ballow

https://ideamath.education/landing/programs/summer-program-19/info Grades: 9,10 State: NH Program date: June 23-July 5,2024

Due date: Apr 15 2024 Fees: \$1.645

NYU : Summer Math Program for Young Scholars

CMTs Summer Math Program for Young Scholars Program is an intensive 3-week long summer program for mathematically talented high school students. It provides a mathematically rich environment to high s... https://cims.nyu.edu/cmt/summer.html

Grades: 9.10.11.12 Program date: August 12 - 30, 2024 Due date: June 1,2024

Fees: \$1,750

Mathematics

IDEA MATH Summer Program - Texas

IDEA MATH provides in-depth enrichment in important mathematical areas, particularly in the fields from which contest problems are drawn: algebra, combinatorics, geometry, and number theory. We believe

https://ideamath.education/landing/programs/summer-program-18/info Grades: 9.10 State: TX Program date: June 4-14,2024

Due date: Apr 15,2024

