

**RISING 9th
GRADERS ONLY**

**PRINCETON HIGH SCHOOL
MATHEMATICS DEPARTMENT**

**Summer 2021
Math Course Advancement Packet
including
Graduation Requirements**

**APPLICANTS MUST COMPLETE THE ONLINE REGISTRATION
BY 11:59 PM ON APRIL 23, 2021.
THE APPLICATION DEADLINE WILL NOT BE EXTENDED**

Important Information

The Rising 9th Grader Princeton High School (PHS) Summer Math Advancement has been adopted for 2021; however, the Math Department cannot guarantee this program's continuation in future years.

It is important to note that we encourage students who need special education support and non-native English speakers who require language support to apply.

Any student seeking to advance must adhere to the guidelines spelled out in this document, as no exceptions will be granted. Please note:

- 1) **This will be a face-to-face program with asynchronous opportunities. An all-virtual option will not be offered.**
 - 2) The Rising 9th Grader PHS Summer Math Advancement Program is independent of the Princeton University (PU) High School Program. Taking PHS summer classes does not guarantee admittance to the PU High School Program.
 - 3) **The Princeton High School Math Department allows students to advance over one math course during their entire high school career.**
 - 4) The District will not accept or honor any online coursework outside of the Princeton School System for math advancement. Additionally, Self-taught and tutor-taught courses do not satisfy advancement requirements and are not accepted.
 - 5) Students from Cranbury and the Charter School must meet all program guidelines to participate.
 - 6) The District reserves the right to cancel courses due to low enrollment.
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"Rising 9th Grade" PHS Summer Math Advancement Program

Courses Offered:

- Algebra I/Algebra II Accelerated
- Geometry/Geometry Accelerated
- Algebra II/Algebra II Accelerated

Program Dates

- Monday, June 28 - Friday, August 6

Days and Time

- Monday -Friday
- 8:30 AM – 2:30 PM

Acceptance and Tuition

- **The Math Department will notify students of their acceptance via email the week of May 17, 2021.**
- Tuition: \$1500 (No partial payments or installments)
 - **Seating will not be confirmed until the \$1500 tuition is paid. Tuition must be paid no later than Friday, June 4, 2021.**
- Scholarship opportunities are available for qualified candidates. Please email stephenietidwell@princetonK12.org to determine your eligibility.

Summer 2021 ONLY-Rising 9th Grade Course Advancement Policy

Rising 9th graders are not permitted to complete summer coursework to advance over Pre-Calculus (Accelerated). **Advancement over a course allows for a student to bypass a pre-requisite math course once in their high school career.**

Criteria	Required/Documentation
<p>1. Grade requirement- The student must have earned one of the following in grade 8:</p> <ul style="list-style-type: none"> • B+ or above in Algebra II Accelerated • A in Geometry • B+ or above in Algebra 1 or Algebra 1 Part II 	<p>Out of District Students: Copy of most recent report card or transcript. See the address below.</p> <p>Send all documentation to: Ms. Valerie Henry Attn: Course Advancement PHS Math Department 151 Moore St., RM. 245.3 Princeton, NJ 08540 or email valeriehenry@princetonk12.org</p>
<p>2. Two online letters of recommendation, one of which must be from a math teacher. [The application file is not complete, and no decision on acceptance will be made until the online recommendation forms are returned.]</p>	<p>Complete this section of the application. The Department will email the recommendation form link to the individuals.</p>
<p>3. Complete the online Rising 9th Grade Math Advancement Registration Form no later than April 23, 2021 (the form will close at 11:59 PM).</p>	<p>LINK HERE</p>
<p>4. Students must:</p> <p>A. Pass the PHS Math summer course with an average of 88% or better to be eligible to take the placement test.</p> <p>B. Exam Requirement- Students must take the Department approved placement exam (see additional requirements p. 4).</p> <ol style="list-style-type: none"> 1. A student must receive a qualifying score of 90% or better to be considered for advancement. 2. The test can only be taken once. 3. A student must meet the specific requirements of eligibility for each course. 	<p>The placement test will be administered the week of August 9, 2021. No make-up dates will be offered, except for extenuating circumstances.</p>

NOTE: The grade attained in the summer course will be included on the student's PHS transcript as a letter grade [with the name of school/program]. The Summer course grades will not be factored into the GPA. * Placement decisions are made at the building level by the supervisor and in conjunction with the principal.

Additional Information – Advancement Over a Course Mathematics

1. Placement testing will take place the week of August 9, 2021, at:

**Princeton High School
151 Moore St
Princeton, NJ 08540**

Testing locations and times will be announced in the students' class no less than two weeks before the final class.

2. **Testing will begin promptly on the exam date. Please plan accordingly. If you arrive after the exam begins, you will not be able to enter the exam location. No make-up testing will be provided, except for extenuating circumstances.**
3. Bring two #2 pencils on test day.
4. Scientific calculators are allowed on the exam.
5. **You will receive notification of your score and course placement decision from your school counselor one week after the assessment. The Department will not provide exam information or scores over the telephone.**
6. **Students who do not meet the required class grade or placement test score will be placed based on course performance.**

[Register here](#)



New Jersey High School Graduation Assessment Requirements

On June 5, 2019, the New Jersey Department of Education (NJDOE) updated the high school graduation assessment requirements in both English Language Arts/Literacy (ELA) and mathematics for the Classes of 2019 through 2022, pursuant to an amended Consent Order from the Appellate Division of the Superior Court of New Jersey.

Important Update for Class of 2021: Governor Murphy signed [Executive Order 214](#) on January 11, 2021 to address the continued disruption caused by the COVID-19 pandemic. The Executive Order waives the statutory graduation assessment requirement pursuant to *N.J.S.A. 18A:7C-1 et seq.* for any twelfth-grade student who is expected to graduate in the Class of 2021 but has not met the graduation assessment requirement. As such, the portfolio appeals process is waived for the 2020-2021 school year. This mirrors the changes made for the Class of 2020. Therefore, students in the Class of 2021 who have not yet met the assessment requirement must still meet all the other State and local graduation requirements, including but not limited to credit, curriculum, and attendance requirements.

The Class of 2022

The high school assessment graduation requirements that are in place for the Class of 2022 are:

In **English Language Arts/Literacy**, students must demonstrate proficiency:

1. On NJSLA/PARCC ELA 10; **or**
2. By meeting the designated cut score on an alternative assessment such as other high school-level NJSLA/PARCC assessments, the SAT, ACT, or ACCUPLACER as defined in the chart below; **or**
3. By submitting, through the district, a student portfolio appeal to the New Jersey Department of Education.

In **mathematics**, students must demonstrate proficiency:

1. On NJSLA/PARCC Algebra I; **or**
2. By meeting the designated cut score on an alternative assessment such as other high school-level NJSLA/PARCC assessments, the SAT, ACT, or ACCUPLACER as defined in the chart below; **or**
3. By submitting, through the district, a student portfolio appeal to the New Jersey Department of Education.

Proficiency levels/cut scores for the Class of 2022 are specified in the next section.

ELA and Mathematics Assessment Graduation Requirements for the Class of 2022

This document reflects the high school graduation assessment requirements put in place for the Classes of 2019, 2020, 2021, and 2022, pursuant to an amended Consent Order received by the NJDOE from the Appellate Division of the Superior Court of New Jersey on June 5, 2019.

The requirements for the Class of 2019, including the cut scores, remain unchanged from the requirements that were applied to the Classes of 2017 and 2018. These requirements now apply to the Class of 2022.

Executive Order 117 and 214 waive the graduation assessment requirement for any twelfth-grade student in the Class of 2020 and or who are expected to be in the Class of 2021. These students must meet all the other State and local graduation requirements, including but not limited to credit, curriculum, and attendance requirements.

Pathways Available

First Pathway

Demonstrate proficiency in the high school end-of-course NJSLA/PARCC assessments in ELA-10 and/or Algebra I.

English Language Arts/Literacy (ELA)	Mathematics
NJSLA/PARCC ELA Grade 10 \geq 750 (Level 4)	NJSLA/PARCC Algebra I \geq 750 (Level 4)

Second Pathway

Demonstrate proficiency in English language arts and/or mathematics by meeting the designated cut score on one of the alternative assessments.

English Language Arts/Literacy (ELA)	Mathematics
<p>One of the following:</p> <ul style="list-style-type: none"> <input type="checkbox"/> NJSLA/PARCC ELA Grade 9 \geq 750 (Level 4), <i>or</i> <input type="checkbox"/> NJSLA/PARCC ELA Grade 11 \geq 725 (Level 3) <i>or</i> <input type="checkbox"/> SAT Critical Reading (taken before 3/1/16) \geq 400, <i>or</i> <input type="checkbox"/> SAT Evidence-Based Reading and Writing Section (taken 3/1/16 or later) \geq 450, <i>or</i> <input type="checkbox"/> SAT Reading Test (taken 3/1/16 or later) \geq 22, <i>or</i> <input type="checkbox"/> ACT Reading or ACT PLAN Reading¹ \geq 16, <i>or</i> <input type="checkbox"/> ACCUPLACER WritePlacer \geq 6, <i>or</i> <input type="checkbox"/> ACCUPLACER WritePlacer ESL \geq 4, <i>or</i> <input type="checkbox"/> PSAT10 Reading or PSAT/NMSQT Reading (taken before 10/1/15) \geq 40, <i>or</i> <input type="checkbox"/> PSAT10 Reading or PSAT/NMSQT Reading (taken 10/1/15 or later) \geq 22, <i>or</i> <input type="checkbox"/> ACT Aspire Reading¹ \geq 422, <i>or</i> <input type="checkbox"/> ASVAB-AFQT Composite \geq 31 	<p>One of the following:</p> <ul style="list-style-type: none"> <input type="checkbox"/> NJSLA/PARCC Geometry \geq 725 (Level 3), <i>or</i> NJSLA/PARCC Algebra II \geq 725 (Level 3) <i>or</i> SAT Math (taken before 3/1/16) \geq 400, <i>or</i> <input type="checkbox"/> SAT Math Section (taken 3/1/16 or later) \geq 440, <i>or</i> SAT Math Test (taken 3/1/16 or later) \geq 22, <i>or</i> ACT or ACT PLAN Math¹ \geq 16, <i>or</i> <input type="checkbox"/> ACCUPLACER Elementary Algebra \geq 76, <i>or</i> <input type="checkbox"/> Next-Generation ACCUPLACER Quantitative Reasoning, Algebra, and Statistics (QAS) (beginning January 2019)² \geq 255, <i>or</i> <input type="checkbox"/> PSAT10 Math or PSAT/NMSQT Math (taken before 10/1/15) \geq 40, <i>or</i> <input type="checkbox"/> PSAT10 Math or PSAT/NMSQT Math (taken 10/1/15 or later) \geq 22, <i>or</i> <input type="checkbox"/> ACT Aspire Math¹ \geq 422, <i>or</i> <input type="checkbox"/> ASVAB-AFQT Composite \geq 31

Third Pathway

Demonstrate proficiency in English language arts and/or mathematics through Portfolio Appeals.

Important Update for Class of 2021: Governor Murphy signed [Executive Order 214](#) on January 11, 2021 to address the continued disruption caused by the COVID-19 pandemic. The Executive Order waives the statutory graduation assessment requirement pursuant to *N.J.S.A. 18A:7C-1 et seq.* for any twelfth-grade student who is expected to graduate in the Class of 2021 but has not met the graduation assessment requirement. As such, the portfolio appeals process is waived for the 2020-2021 school year. This mirrors the changes made for the Class of 2020. Therefore, students in the Class of 2021 who have not yet met the assessment requirement must still meet all the other State and local graduation requirements, including but not limited to credit, curriculum, and attendance requirements.

English Language Arts/Literacy (ELA)	Mathematics
Meet the criteria of the NJDOE Portfolio Appeal for ELA	Meet the criteria of the NJDOE Portfolio Appeal for Math

The Class of 2023 and Beyond

The NJDOE is committed to providing fair notice to students and educators and will continue to collaborate with stakeholders to transition to the next generation of statewide assessments.

For questions or concerns, please reach out to assessment@doe.nj.gov.

¹Test is no longer administered but can be used for the graduating year.

²Beginning on **Monday, January 28, 2019**, classic ACCUPLACER tests were no longer available. QAS replaced ACCUPLACER Elementary Algebra.

PRINCETON HIGH SCHOOL MATH & CS COURSE SEQUENCES

	Mathematics						Computer Science		
8th grade / start pt.	Newly Registered/ Math8/CORE			Algebra I Part2 or Algebra I		Algebra II Accelerated	Geometry Accelerated	Algebra 1	
9th grade:	Algebra I			Geometry		Geometry Accelerated	Algebra II Accelerated	Python	C.S. Principles
10th grade:	Geometry			Algebra II		Precalculus Accelerated		JAVA	
								Obj. Oriented Programming: JAVA	
11th grade:	Algebra 2			Precalculus		AP Statistics	AP Calc.AB or BC	AP CS: JAVA	
12th grade:	App. and modeling of math	Intro to Stats/ Discrete Math	Precalc.	AP Statistics	AP Calculus AB	Multivariable Calculus & Linear Algebra		Algorithms & Data Structures	

****This chart displays possible progressions.**

- Refer to the PHS Program of Studies for all prerequisite and qualifying criteria for each course shown.
- Students meeting the criteria may take Geometry and Algebra II concurrently.
- Students meeting the criteria may take any Calculus course and AP Statistics concurrently.
- AP Statistics demands strong analytical reading and writing skills.

****Algebra I, Geometry, & Algebra II or an equivalent are required courses for high school graduation.**