CMIT-SOUTH
Q/A Session for Prospective High School Parents
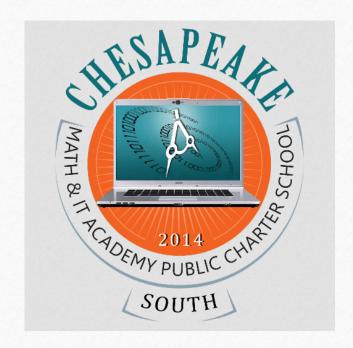
WELCOME

Mr. AG *Principal*

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High School Graduation Requirements

Graduation Requirements - Coursework

- 4 credits English
- 4 credits Math (MUST INCLUDE ALGEBRA I, ALGEBRA II & GEOMETRY)
- 3 credits Social Studies
- 3 credit Science (BIOLOGY PLUS TWO OTHER LAB SCIENCES)
- 1 credit Fine Arts
- 1 Foundations of Technology
- ½ PE / ½ Health
- 2 Credits of the same Foreign Language

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GRADUATION REQUIREMENTS - Assessments*

Rising 9th Grade students must take and pass

- PARCC Algebra I
- PARCC English 10
- HSA Biology
- HSA Government

*assessments are ever-changing

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SCHEDULING

Students have the ability to take up to 7 credits per year:

- **9th Grade:** Math, English, Science, Social Studies,Foundations of Technology, World Language- Spanish 1, and Elective

- **10th Grade:** Math, English, Science, Social Studies, World Language-Spanish 2, Art, and Elective

SCHEDULING

- **11th Grade:** Math, English, Science, Social Studies, PE/Health and 2 Electives or AP/Dual Enrollment classes

- **12th Grade:** Math, English, and a minimum of 2 Elective Credits or AP/Dual enrollment classes

Projected Program of Study

9th Grade	English 9/ English 9 H	Algebra 1	Biology Biology Honors	U.S History AP U.S History	Spanish 1	Foundation of Technology	Elective
10th Grade	English 10/ English 10 H	Geometry	Chemistry Chemistry Honors	Local, State, and National Government AP American Government and Politics	Spanish 2	Art	Elective
11th Grade	English 11 English 11 H AP Language	Algebra 2	Environmental Science Physics Physics Honors	World History	PE/ Health	Elective	Elective
12th Grade	English 12 English 12 H AP Language AP Litrerature	Pre Calculus Probability/Statistics Introduction to Computer Science	Physics Physics Honors AP Biology AP Environmental Science	AP World History AP US History AP Psychology AP Human Geography			
Credit will be Earned	**25**		English 4	Math 4	Science 3	Social Studies 3	World Language 2
			Fine Arts 1	Physical Education 0.5	Health 0.5	Elective 6	Technology 1

*The information in this document is subject to change

Special Programs

Project Lead the Way (PLTW)

PLTW-Introduction to Engineering Design	9th Grade
PLTW-Principles of Engineering	10th Grade
PLTW- Civil Engineering and Architecture	11th Grade
PLTW- Engineering Design and Development	12th Grade

Dual Enrollment

In keeping with our goals to insure that every child is college and career ready, Prince George's County Public Schools (PGCPS) high school juniors and seniors have the opportunity to earn college credit, while still in high school through the Dual Enrollment Program.

Informational Technology Early College Program

INT-1010 Intro to InformationTechnology	INT-214- Problem Solving with Spreadsheets	9th Grade
INT 1111 Programing Logic & Design INT 1700 Understanding Operating Systems	POS-1010 American National Government POS 1020 State and Local Government	10th Grade
Students will take most of their classes at PGCC campus to complete necessary credits of Associate degree in IT		11th Grade
		12th Grade

Students Must Meet the Following Criteria

Minimum 2.5 cumulative GPA
Enrolled in 11th or 12th grade
Meet college requirements on college admissions tests – SAT, ACT, Accuplacer
Provide own transportation to and from the

Dual Enrollment Links

PGCPS Dual Enrollment Page

PGCC List of Dual Credit Courses (PGCC)

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ITEC PROGRAM

INFORMATION TECHNOLOGY EARLY COLLEGE)

Provides early exposure to college curriculum to increase the likelihood that students will have better outcomes in college

- Earn high school diploma + AA in Information Technology

- Entry permitted only for incoming 9th graders

ITEC PROGRAM

(INFORMATION TECHNOLOGY EARLY COLLEGE)

- Enrollment Process Begins in Spring

- Minimum Requirements:

  - Accuplacer Reading Comprehension Score of 79

  - 3 Recommendation Letters

  - Panel Interview

  - Interest in IT

  - Willingness to sacrifice

- No more than 24 students per cohort

- Years 1 & 2 @ CMIT-South; Years 3 & 4 @ PGCC

PLTW- Engineering

(Project Lead The Way)

- Project Lead The Way is a nonprofit organization that provides a transformative learning experience for K-12 students and teachers across the U.S. PLTW empowers students to develop and apply in-demand, transportable skills by exploring real-world challenges. Through our pathways in computer science, engineering, and biomedical science, students not only learn technical skills, but also learn to solve problems, think critically and creatively, communicate, and collaborate. We also provide teachers with the training, resources, and support they need to engage students in real-world learning.

PLTW- Engineering -Courses

(Project Lead The Way)

- Introduction to Engineering Design :Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects like designing a new toy or improving an existing product.

- Principles of Engineering: Students explore a broad range of engineering topics including mechanisms, strength of structure and materials, and automation, and then they apply what they know to take on challenges like designing a self-powered car.

PLTW- Engineering -Courses

(Project Lead The Way)

- Aerospace Engineering
- Civil Engineering and Architecture
- Computer Integrated Manufacturing
- Computer Science Principles
- Digital Electronics
- Environmental Sustainability
- Engineering Design and Development
- Please visit www.pltw.org for more information.

DUAL ENROLLMENT

Eligibility:

- 11th and 12th grade students who have a 2.5 GPA or higher and meet minimum scores on the Accuplacer/SAT/ACT

- Students take Accuplacer twice during 10th grade

- Students take PSAT 10 once during 10th grade