



Course Registration Information

9th Grade English

- English 9 On-Level
- English 9 Honors
- English 9 PEAC
(Pursuing Excellence
in the Academic
Curricula) – self-
selected

10th Grade English

- English 10 On-Level
- English 10 Honors
- English 10 PEAC
(Upon acceptance into
the program in the
spring of freshman
year.)

11th Grade English

- English 11 On-Level
- English 11 Honors
- AP Language and Composition (required for PEAC students)

12th Grade English

- English 12 On-Level
- English 12 Honors
- AP Literature and Composition (required for PEAC students)

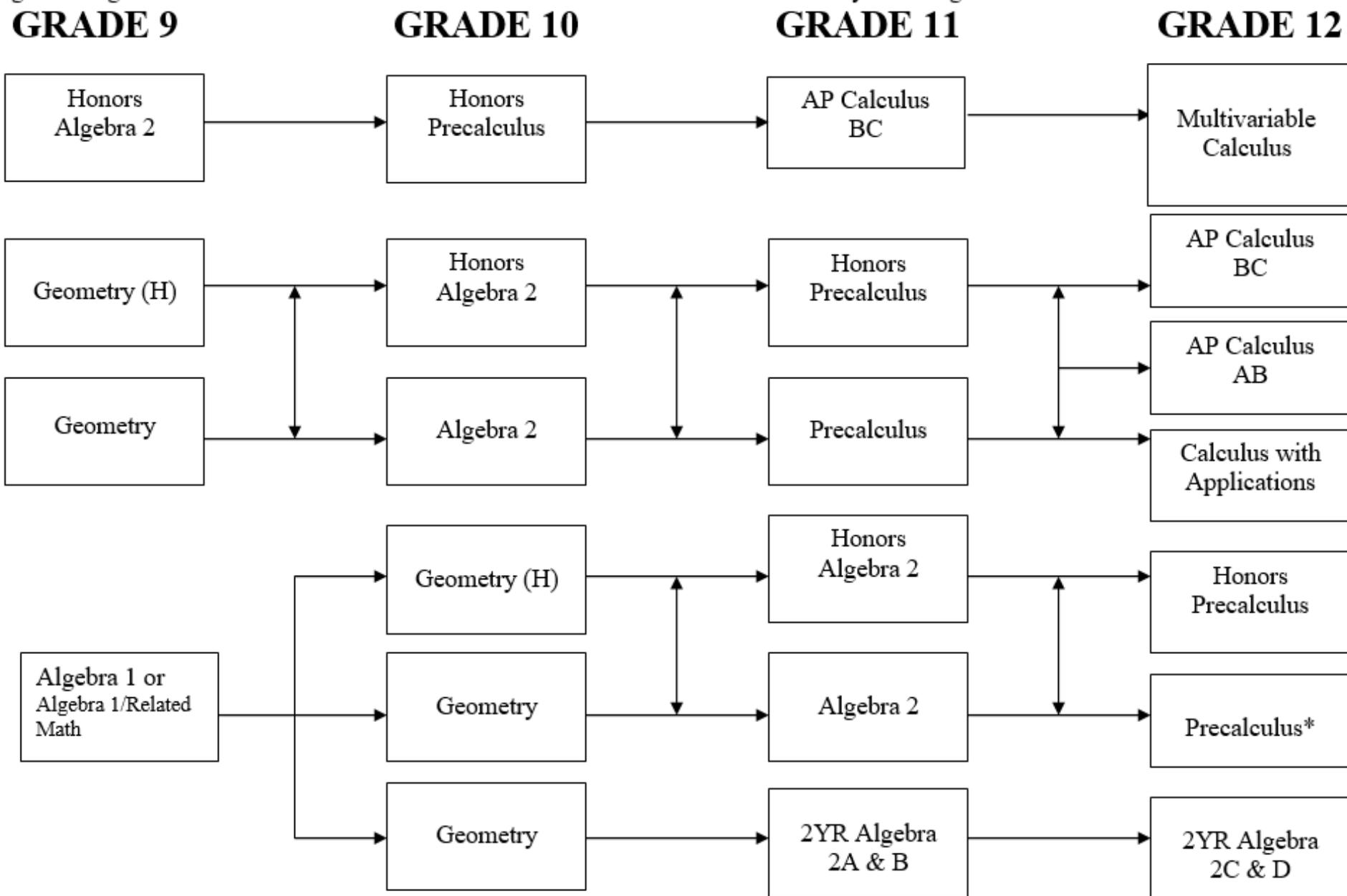
Electives:

- Video Production (11th and 12th)
- Theater/Directing (9th – 12th)
- Journalism (Yearbook) (10th – 12th)
- Advanced Composition (Creative Writing) (10th – 12th)

PLAN

High School Mathematics Sequences

Mathematics Graduation Requirement: Four credits, including one credit in Algebra 1 and one credit in Geometry. Students graduating in 2018 and later must be enrolled in a mathematics-based course each year of high school.



Required Science Courses for Graduation

- NGSS Biology 9th grade (Life Science)
- NGSS Chemistry 10th grade (Earth Science)
- NGSS Physics 11th grade or AP Science Course
 - AP Biology (H. Bio is the Prerequisite)
 - AP Chemistry (H. Chemistry is the prerequisite)
 - AP Physics (H. Physics is the prerequisite)
 - AP Environmental Science (no prerequisite)
 - MISA required exam (end of 5th semester Science)
- We also have Forensics, Astronomy and A&P as electives....



Interested in the nursing or medical field?

Academy of Health and Bioscience

About the Program

- Students enroll in 4 health science classes
 - Foundations of Medicine and Health Science A/B
 - Structures and Functions of the Human Body /B
 - Fundamentals of Pharmacy
 - Internship or dual enrollment program completer course

Program Highlights

- Field Trips
 - Open heart surgery
 - University of Maryland Dental School
 - Medical Museum
- Guest Speakers
 - Navy nurse
 - MD/Clinical Assistant Professor
- Scrub Day Fridays

Scheduling...

Four class requirements in three years:

DOUBLE UP

- Sophomore Year: Foundations of Medicine and Structures and Functions
- Junior Year – Structures and Functions and Fundamentals of Pharmacy
- Senior Year – Fundamentals of Pharmacy and/or Internship

Magruder Social Studies

Required to have 3 credits in social studies:

- US History or Honors US History (9th)
- NSL Government (10th)
- Modern World History (11th)

- Freshman year AP option: AP Human Geography

10 th Grade	11 th Grade	12 th Grade
Required: NSL Government Honors NSL Government	Required: Modern World History Honors Modern World History	Electives: AP Human Geography AP Psychology AP US History AP European History Psychology Sociology
OR	OR	
AP Government	AP World History	
Electives: AP Human Geography AP Psychology AP US History	Electives: AP Human Geography AP Psychology AP US History Psychology Sociology	

Academies and Scholar Programs

What MHS offers to students:

- PEAC (Pursuing Excellence in the Academic Curricula)
- Academies/Opportunities
 - *Project Lead the Way Engineering Academy*
 - *Academy of Finance*
 - *JROTC Leadership Academy*
 - *Early Childhood Academy*
 - *Hospitality - Culinary*
 - *Internships*



PEAC



Scholars

Pursuing Excellence in the Academic Curricula

PEAC – What is it?

- Community
- Rigor
- Commitment
- Grit
- Engaging

Perks of PEAC



What to expect next year:

- In 9th grade you are candidates & test-driving the program
- 1 year commitment – must apply and be accepted to continue
- Honors+ level work – preparing your for AP courses and is more advanced than regular honors course
- Required summer work
- Great preparation for succeeding in AP courses later

Program Progression 2020-2021

Must complete all courses

If you want the challenge of an AP course 9th grade year – AP Human Geography is the recommendation.

PEAC Required Courses

If accepted into the program, these are the courses required to graduate with the PEAC Scholar distinction.

Freshman Year:

- Honors PEAC English 9 (Cohort) – Take this course as a PEAC candidate
- Honors PEAC Biology (Cohort) – Take this course as a PEAC candidate

Students formally apply to the program at the end of 1st semester.

Sophomore Year:

- Honors PEAC English 10 (Cohort)
- AP US Government (Cohort)
- Honors Chemistry or Honors Physics

Junior Year:

- AP English Language (Cohort)
- Honors or AP World History
- AP Science or AP Math (Student's choice)

Senior Year:

- AP English Literature
- AP United States History
- **Independent Capstone Project & Presentation**

Applying to PEAC

- **8th Grade students will fill out Academy Interest Survey during registration for their 9th grade courses – select PEAC**
 - **Students must register for Honors English 9 and Honors Biology**
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9th Grade

- During the 1st semester, students must accept all academic challenges by maintaining a 3.5 GPA.
- Students will formally apply to the PEAC Academy during the beginning of the 2nd semester.
- Students will need teacher recommendation from 4 core academic teachers
- Students will complete a “live essay” showcasing their skills.

What is the Academy of Finance?

- Part of the National Academy Foundation established in 1982 nationally and in 2006 at Magruder
- Exposes you to careers in the finance and business
- Preparation for career success- interview & resume skills
- “It’s a school within a school”
- Did you know that 60% of college grads Get at business degree? Check it out here 1st.



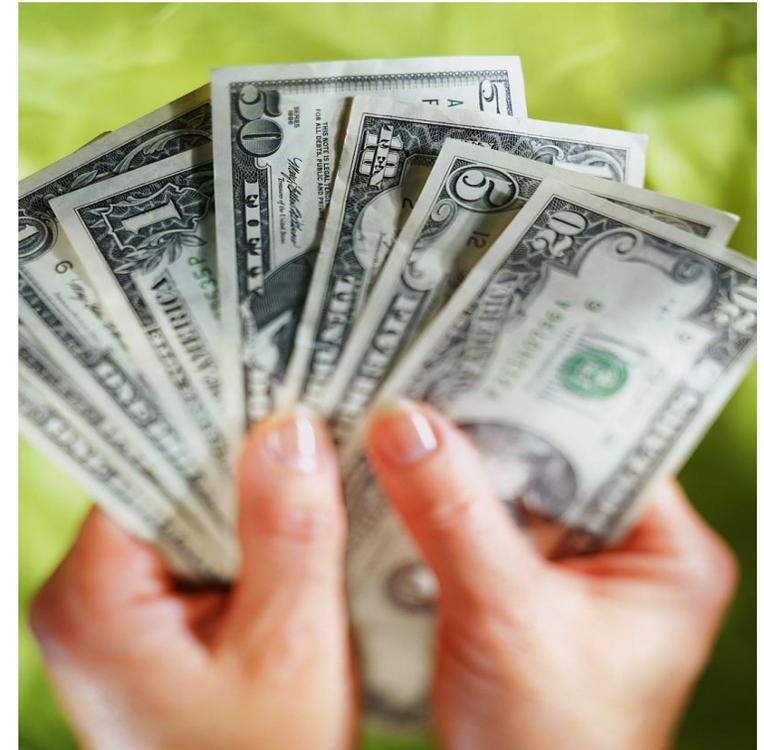
The Academy Program

- 2-3 year college prep program
- You take 1 or 2 specialized courses each semester
- 6-8 week paid internship

Academy of Finance Courses

- Finance
- Banking
- Accounting
- Global Economy
- Entrepreneurship
- AP Micro/Macro Economics

Students start this academy in 10th grade. It is important to do well in your 9th grade math course!



Why Join?

- *It's fun!! Make new friends*
- *Interesting field trips, guest speakers and activities*
- *Builds motivation, confidence, leadership, and problem-solving skills*
- *Provides a personal learning environment (small classes)*
- *Graduates earn scholarships and attend top colleges*
- *AOF Grads can earn big money as accountants, bankers, salespeople, managers, business owners, stock traders, and lawyers*



Child Development

- Coursework which provides the opportunity to become a teacher in a preschool!
- Students work in groups to observe, plan for, and teach 4-year-old children.
- Provides hands-on opportunities & experiences to prepare you for a career with children.

Child Development Opportunities

- Levels 1 and 2
- Internship in a local elementary school
- Guided research capstone
- Program Completer/Path to graduation
- Magruder Academy
- 90+9 Clock Hour Industry Certificate
- College Credit

Culinary Essentials & Cultures and Cuisines

Culinary Arts is a Program of Study of Graduation

Coursework

- International Cultures & Cuisines
- Culinary Essential
- Internship – 2.0 credits required

Learn to Cook

- Nutrition
- Food Safety
- Recipes
- Culinary Techniques
- Cultural Foods
- Preparation
- Ingredients
- Careers in Foodservice

Real Life Skills

Local Colleges offering continuation of the program include

- George Washington University
- Howard University
- Montgomery College
- University of Maryland Eastern Shore at the Universities at Shady Grove

JROTC

- Take JROTC all 4 years to get academy distinction
- Curriculum comes from the Army
- Leadership is taught in curriculum and has hands-on opportunities i.e.
- County approved field trip each year
- Promotes citizenship



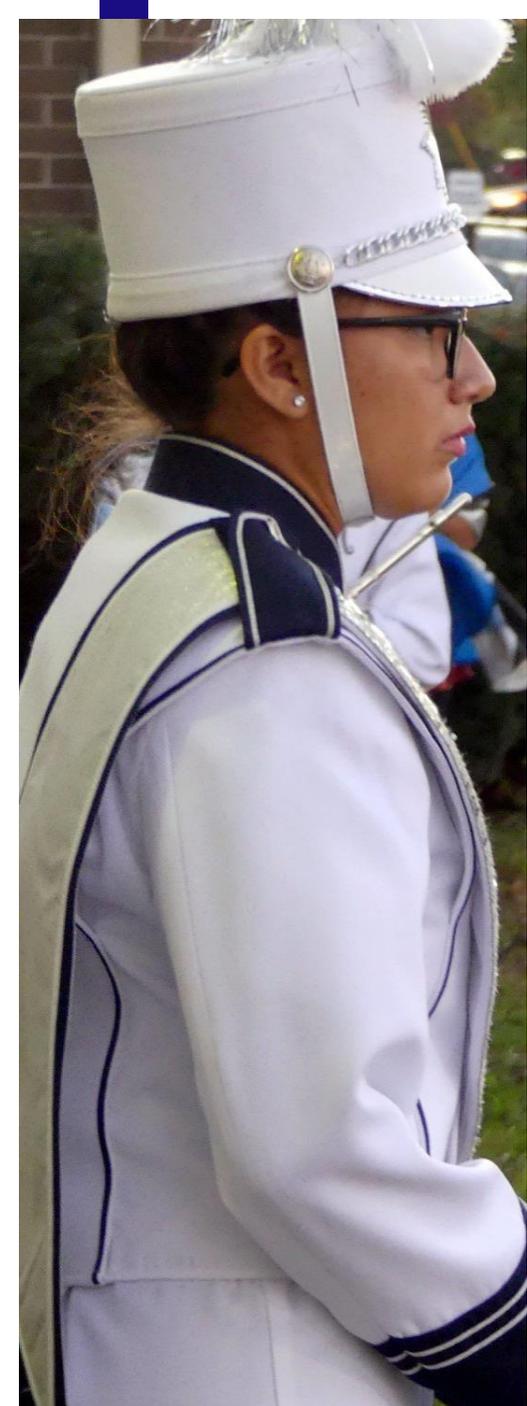
JROTC Activities

- Color Guard
 - *Present at all varsity games*
- Service Academy Night
- Drill Team
- Rader Team



Benefits Beyond High School

- If you choose to enlist in the military out of high school, you can get an early promotion = extra \$
- Scholarship opportunities to continue ROTC at a college or university



Magruder Music Department

Ms. Sze

Course Offerings

- Symphonic Band (audition required)
- Symphonic Orchestra (audition required)
- **Concert Band**
- **Concert Orchestra**
- Advanced Placement (AP) Music Theory
- **Guitar 1**
- **Guitar 2**
- **Singing Colonels**
- **Chamber Choir**



- Marching Band
- Gamer Symphony Orchestra
- Drumline
- Pit Orchestra
- Latin Strings



Physical Education and Health Course Offerings

Yoga

Street Hockey

Volleyball

Dance

Weights (Beg/Adv)

Team Sports

Basketball (Beg/Adv)

Football

Health (10th)

Soccer (Beg/Adv)



VISUAL ARTS

@ MAGRUDER

Course Offerings

Ceramics 1

Ceramics 2,3, and

Advanced Ceramics

AP 3D ART

Digital Photography 1

Photography 2,3, and

Advanced Photography

AP 2D (Photography)

Foundations of Art

Studio Art 1

Studio Art 2

Studio Art 3

Studio Art 4

AP Drawing

Commercial Art 1

Commercial Art 2,3

AP 2D

CELEBRATIONS



