

Plymouth Whitemarsh High School

CMS Electives Presentation 2024

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January 25, 2024

Today's Agenda

Mr. Price, Assistant Principal

- ★ Welcome 8th Grade!
- ★ Course Selection Process
 - Graduation Requirements
 - Student Choice / Elective options / What is a Credit?
 - College and Career Planning
- ★ PWHS Electives Highlights and Information - Next Steps
- ★ When is Course Selection?
 - Course Selection Timeline for 2024-2025
 - Your role in Course Selection!
 - Your Resources: Abridged Elective Catalog and Course Selection Sheet

What is a Credit?

Mrs. Genovese, PWHS Counselor

- Every time you pass a class at PW you earn a credit toward graduation requirements
 - You will take 40 credits over 4 years (10 per year)
- You need (38/40) of credits to graduate
- Credits are either:
 - Required (core classes)
 - Choice (electives)

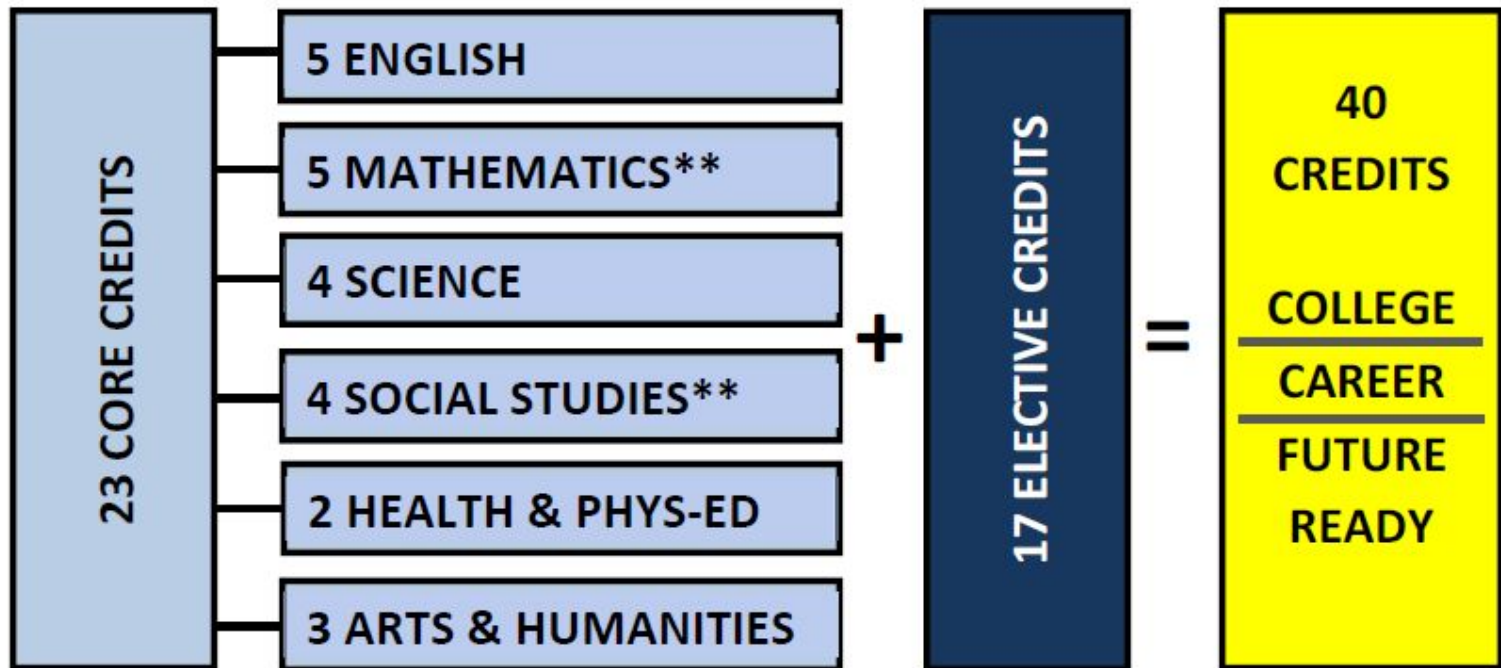
Graduation Requirements

Mrs. Genovese, PWHS Counselor

How Do Credits and Graduation Requirements

Add Up in the 5-Block?

$$23 + 17 = 40$$



Choosing Electives

Mrs. Genovese, PWHS Counselor

Student Choice Focused on
Developing and Evaluating Career Options

$$17 + 3 = 20$$

17 FLEXIBLE ELECTIVE CREDITS

Courses chosen by
the student based on
unique interests and
post-secondary
career plan

+

3 ARTS & HUMANITIES CREDITS

A Pennsylvania State requirement,
electives in this area include the
disciplines of languages, literature,
psychology, history, communication,
cultural, economics, law, design, visual
and performing arts studies.

*PW electives offered in World Language,
Music, EDI, English and Social Studies are
applicable to fulfill this credit.

=

20 TOTAL ELECTIVE CREDITS TOWARD GRADUATION

Career and Technical Education courses taken through Central Montco Technical High School
are considered Flexible Elective Credits.

Career Planning and Interest - 4 Year Plan!

Mrs. Genovese, PWHS Counselor

Credits Required
40

Credits In Plan
35

Credits Still Needed
5

Add / Edit Courses in Your Plan

Add courses in order to submit, scan, or print this plan.

CAREER FIELD

PW CAREER PATHWAY

Additional Resources

Postsecondary Plan

REQUIREMENTS	9th Grade	10th Grade	11th Grade	12th Grade
35 Credits in Plan	10 Credits	10 Credits	8 Credits	7 Credits
Language Arts 5 Credits 5 Credits in Plan	H. ENGLISH 1 1 credit	H. ENGLISH 3 1 credit	H. ENGLISH 4 1 credit	H. ENGLISH 5 - CONTEMPORARY LITERATURE 1 credit
Math 5 Credits 5 Credits in Plan	H. ENGLISH 2 1 credit	INACTIVE	INTEG. MATH 3 1 credit	INTEG. MATH 5 1 credit
Science 4 Credits 4 Credits in Plan	INTEG. MATH 1 1 credit	INTEG. MATH 2 1 credit	INTEG. MATH 4 1 credit	
Social Studies 4 Credits 4 Credits in Plan	H. BIOLOGY-S1 1 credit	H. CHEMISTRY 1 credit	H. PHYSICS 1 credit	
	H. BIOLOGY-S2 1 credit			
	US HISTORY 1 credit	GLOBAL STUDIES 1 credit	WORLD CULT 11 1 credit	US GOV. & POL 1 credit



Find Courses

Type a course name or keyword

Lookup by School Course Catalog

Plymouth-whitemarsh Shs

Lookup by Course Name or Keyword

Start typing

Lookup by Subject Area

COMPSCI

Lookup by Grade Level

☐ 6 ☐ 7 ☐ 8 ☒ 9 ☐ 10 ☐ 11 ☐ 12

Course search results

Searched for Plymouth-whitemarsh Shs, COMPSCI, Grades 9

COMPUTER SCIENCE 1

Plymouth-whitemarsh Shs

Favorite

EXPLORING COMPUTER SCIENCE

Plymouth-whitemarsh Shs

Favorite

GAME DESIGN

Plymouth-whitemarsh Shs

Favorite

GAMEMAKER PROGRAMMING

Plymouth-whitemarsh Shs

Favorite

H COMPUTER SCIENCE 2

Plymouth-whitemarsh Shs

Favorite

ROBOTICS

Plymouth-whitemarsh Shs

Favorite

Quick Electives Overview!

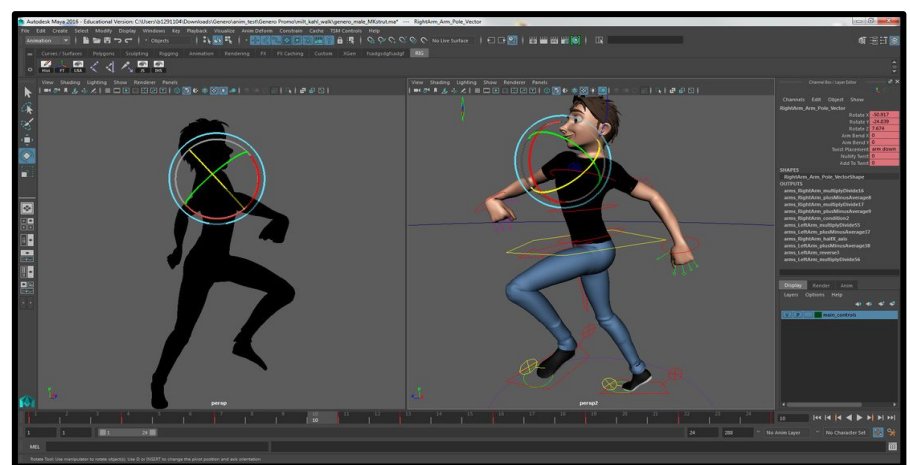
Mrs. Genovese, PWHS Counselor

- **Entrepreneurship, Design and Innovation**
 - Visual Arts & Graphic Design
 - Art 1, Photo 1, Ceramics 1, Fine Metals 1, 3D Animation
 - Design Technology, Engineering
 - Product Design 1, CADD 1, Architecture 1, H Engineering 1
 - Business & Finance, Mathematics
 - Introduction to Business
 - Computer Science
 - Computer Science 1, H Computer Science 2, Robotics 1, Game Design 1, Electronics
- **Social Studies and English**
 - Psychology, PA History, War & Sports, Mass Media 1 (TV)
- **Music and Performing Arts**
 - Theatre 1, Rock & Roll, Music Theory, DigiBeats, String Lab, Keyboards & Chords, Songwriters Collective, Blues-Jazz-Modern
- **Health and Science**
 - Health & Fitness 1, Lifeguarding (15yrs.), Astronomy

EDI - VISUAL ARTS & GRAPHIC DESIGN

Mrs. Maggioncalda, Mr. Marro, Mrs. Satko, Ms. Alexy, Mr. Brunner

- Level 1: Art, Ceramics, Photography, Jewelry & Metals, Animation
Prerequisite courses for: **International Baccalaureate Career Programme**



EDI - DESIGN TECHNOLOGY

Mr. Brunner, Mr. Kelly

- Level 1: Product Design, CADD, Architecture



Prerequisite course for:
**International Baccalaureate
Career Programme**



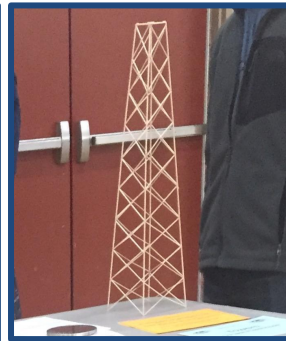
EDI - HONORS ENGINEERING 1

Mr. Muscarella

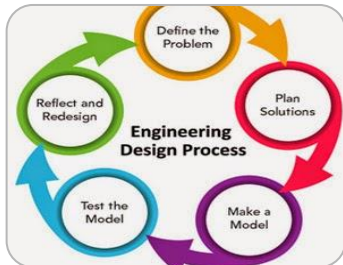
H. Engineering 1: Introduction

H. Engineering 2: Principles

Pre-AP Engineering



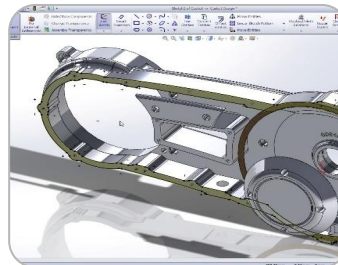
- ★ H. Engineering 1 > project based learning; design, build, test, optimize as a team
- ★ Anchored on 5 Themes
- ★ Leads to **E4USA**: Pilot National Engineering Curriculum (Dual Enrollment)



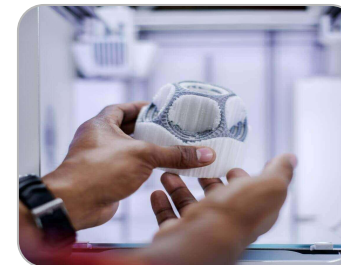
Engineering Design



Engineering Analysis



Technical Communication



Fabrication & Prototyping

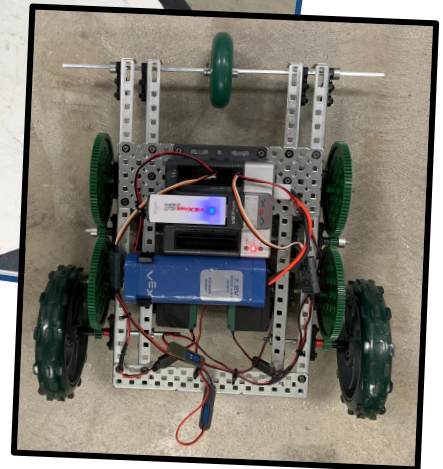
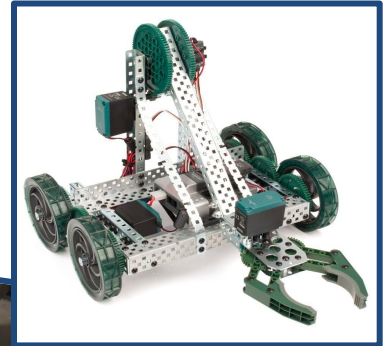
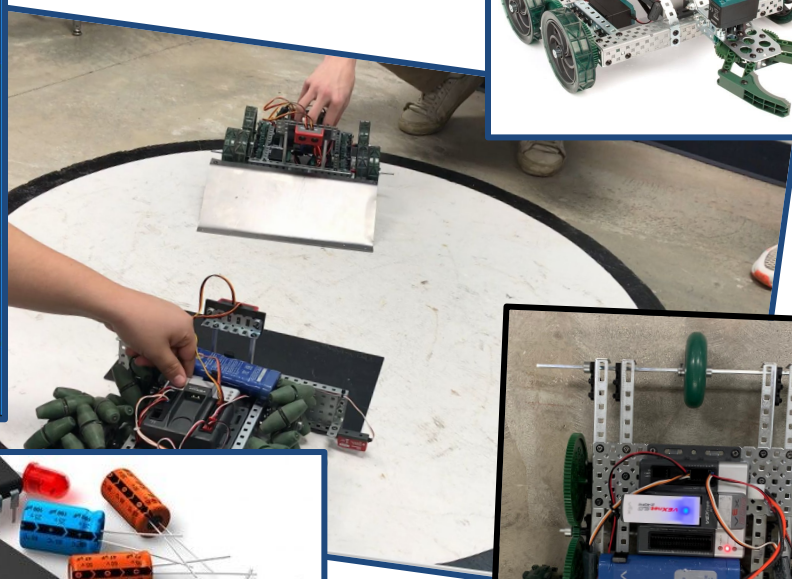


Project Management

EDI - COMPUTER SCIENCE

Mr. Brunner, Ms. Rickard, Mr. Scheidly

- Robotics, Game Design, Electronics



EDI - COMPUTER SCIENCE

Mr. Engel

CS1: Web Design & Animation

CS1: Web Design & Animation

- Web development with HTML/CSS
- Logical programming in JavaScript
- Combining technologies to program a video game cutscene animation

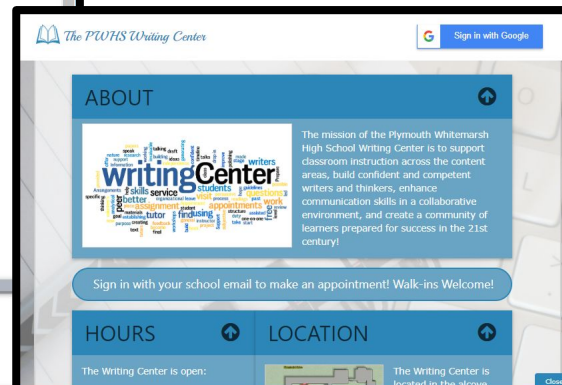
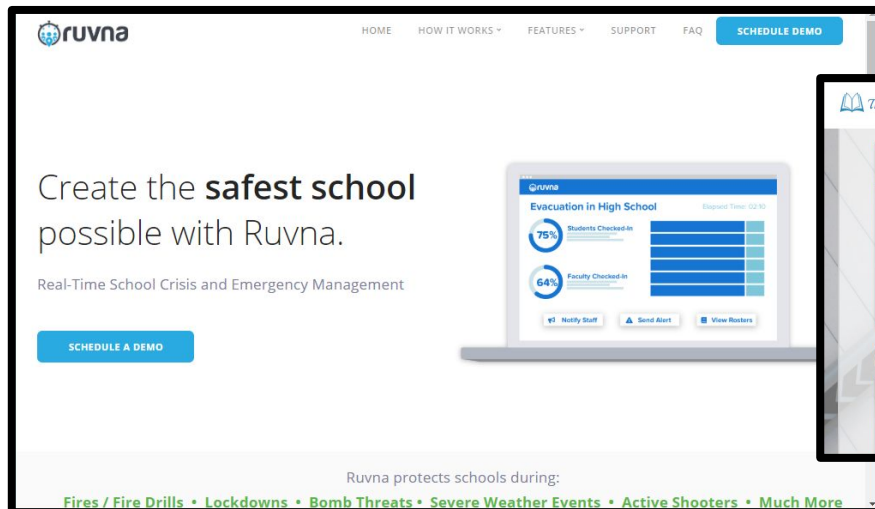
H CS2: Web Apps & Games

AP Computer Science A

*4 course sequence, including 2 Advanced Placement Courses

*Dual Enrollment to earn up to 15 college credits

AP Computer Science Principles



RUVNA, Writing Center, Disney

EDI - BUSINESS & FINANCE

Mrs. Carragher, Mr. Coleman, Mr. Kavanagh, Mr. Perez, Ms. Rickard

- Introduction to Business



Prerequisite course for:

- Accounting
- Marketing
- Business Law
- Sports Management

and the.....

**International Baccalaureate
Career Programme**

MUSIC & PERFORMING ARTS

Mr. Cooper, Mrs. Kaufman, Mrs. O'Connor

- If you play an instrument or sing and enjoy **PERFORMING** in large groups...

Band, CHORUS AND Orchestra

- If you already play an instrument & want to **UNDERSTAND** more about it...

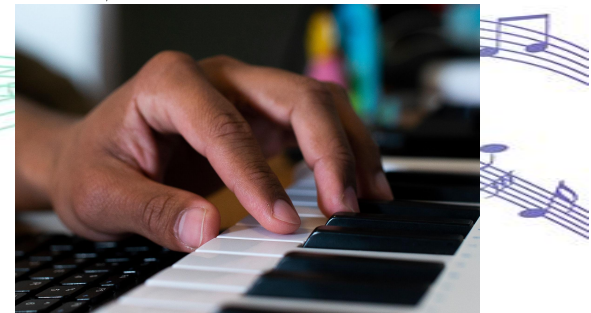
BLUES-JAZZ-MODERN BAND AND String Lab

- If you enjoy music and want to **LEARN** more about music...

Music Theory AND HISTORY OF ROCK & ROLL

- If you want to **CREATE** music by writing songs....

SONGWRITERS COLLECTIVE, **DIGI-BEATS FACTORY** AND **Keyboards & Chords**



SOCIAL STUDIES

Mr. Culp, Ms. Fagan, Mrs. Guzik, Mr. Staudenmayer

- Psychology, Pennsylvania History, War & Sports



ENGLISH

Mr. Duncan, Mr. Weiner

- Introduction to Theatre, Mass Media 1(TV)



HEALTH & SCIENCE

Mrs. Delaney, Mr. Gregg, Mr. Young

- Lifeguarding, Astronomy



FALL ATHLETICS

CROSS COUNTRY

FIELD HOCKEY

GOLF

TENNIS

FOOTBALL

VOLLEYBALL

SOCCER

- **FALL SPORTS WILL START IN EARLY AUGUST - PLAN VACATIONS ACCORDINGLY**
- **LISTEN TO ANNOUNCEMENTS FOR SPORTS MEETINGS TO BE HELD NEAR THE END OF THE YEAR HERE AT CMS**

Have Questions?

Mr. Price, Assistant Principal

- Complete the [Google Survey](#) for more information
 - Your question will be forwarded to the team for a response

I AM INTERESTED IN KNOWING MORE ABOUT ELECTIVES IN THE AREA OF....? *

☐ EDI - ART & DESIGN

☐ EDI - BUSINESS & FINANCE

☐ EDI - COMPUTER SCIENCE

☐ EDI - DESIGN TECHNOLOGY

☐ EDI - ENGINEERING

☐ SOCIAL STUDIES

☐ MUSIC & PERFORMING ARTS

☐ HEALTH & SCIENCE

☐ Other: _____

PLEASE TYPE YOUR QUESTION HERE... *

Your answer _____



Course Selection Next Steps

Mrs. Genovese, Counselor

You are unique. Here are things to think about!

- Your future plans will change over time and that's expected
 - You have options as to how you schedule your courses based on your interests and career pathway (choosing electives)
- Where's the Information?
 - **Canvas page - Class of 2028**
 - 8th to 9th Elective Course Descriptions Booklet
 - PWHS 24-25 Program of Studies / Course Catalog
 - Program Planning Night Webinar (Tues, February 13 @5:30 pm)
- Fill out the Elective Choices Form
 - Elective Choices, Foreign Language, Health & Phys Ed
- February 13: PW Counselors in CMS classes to complete Course Selection.
***Bring completed Electives Form to history class!**
- Feb/March: Individual meetings with your CMS counselors to review

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