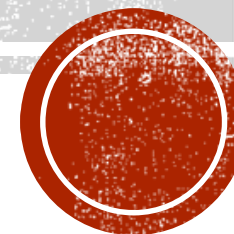# 8TH TO 9TH GRADE COURSE REGISTRATION!

School Counselors:

Mrs. Ramlogan & Mrs. Logan

AIM: HOW CAN WE PREPARE FOR 9TH GRADE?

DO NOW:

Write down at least 3 things you already KNOW about the high school, and at least 3 things you WANT to know.

Know	Want to know	Learned

QUESTIONS….?

- How many credits do you need to graduate from HS?

- What are some of the electives offered at HHS?

- What are some clubs or sports teams at HHS?

GRADUATION REQUIREMENTS

	Local Diploma	Regents Diploma	Regents Diploma with Advanced Designation
English	4	4	4
Social Studies	4	4	4
Mathematics	3	3	3
Science	3	3	3
Languages other than English	1	1	3
Health	0.5	0.5	0.5
Art &/or Music	1	1	1
Physical Education	2	2	2
Electives	3.5	3.5	1.5
Total Requirements Credits (minimum)	22	22	22

WHAT ARE THE DIPLOMA TYPES?

- ## REGENTS
  - 65%+ on 5 Regents exams

- ## REGENTS WITH ADVANCED DESIGNATION
  - 65%+ on 8 Regents exams and pass the LOTE checkpoint B exam

REGENTS DIPLOMA WITH ADVANCED DESIGNATION: PASS 9 REQUIRED REGENTS EXAMINATIONS WITH A SCORE OF 65 OR HIGHER

- English

- Global History and Geography

- US History

- Math (3 exams)
  - Algebra I
  - Algebra II
  - Geometry

- Science (2 exams: 1 Life Science and 1 Physical Science)
  - Living Environment AND
  - Earth Science or
  - Chemistry or
  - Physics

- Language other than English (LOTE) or FLB

ONLINE ACCESS

[WWW.HUFSD.EDU](http://www.hufsd.edu)

1. Top Left click "Main Navigation"

2. Under "Academics" click "Guidance"

3. Scroll to "Form and Files" see **HHS Curriculum Guide 2023- 2024**

COURSE SELECTION TIME!

English 8 → English 9R*

Social Studies 8 → Global 9R*

Algebra I → Algebra II

Science 8 → Living Environment R*

Earth Science R → Living Environment H*

World Language
      Spanish I → Spanish II →Spanish III
      French I → French II → French III
      Italian I → Italian II → Italian III
      Latin I → Latin II → Latin III
      Native Spanish I → Native Spanish II
      Native Spanish I Grammar → Spanish IV H

*Honors Recommendations/Placement will be determined by teachers once final grades are earned.

COURSE SELECTION: ELECTIVES

Art

Studio in Art

Creative Crafts

Media Art

Ceramics and Sculpture 1

Intro to Photography

Computer Graphics

Drawing and Painting

Creative Video I

Video Broadcasting I

Fashion Design and Illustration I

*Fashion Marketing

*pending board approval

Music

Band

Concert Choir

String Orchestra

Music Theory

Business Education and Technology

Accounting I

Accounting II

Business Management and Human Relations

Career and Financial Management

Personal Law I

Personal Law II

Sports Marketing

COURSE SELECTION ELECTIVES

English
Creative Writing

Math
Introduction of Statistics
Project Lead the Way Computer Science Essentials or
AP Computer Science Principles (see next slide for more information)

Science
Animal Behavior
Introduction to Science Research
Astronomy

Social Studies
Asian Studies

See handout for course descriptions

COMPUTER SCIENCE STANDARDS

Students must meet the new NYS Computer Science standards starting in the 2023-2024 year.

- A portion of the rising grade 9 students will take the **Project Lead the Way Computer Science Essentials** in the 2023-2024 year. The remaining students will take the class in grade 10 in the 2024-2025 year.

- Students who are recommended by a teacher or have prior computer science curriculum knowledge can take **Advanced Placement Computer Science Principles** instead of the Project Lead the Way Computer Science Essentials class.

Please speak with your school counselor for more information or if you have questions.

Create Apps!!

In this course we will use MIT App Inventor to create apps of all types. You design and code your app from start to finish to work the way you want. From games to survey apps, you will be amazed what you can create!

Program Self-Driving Vehicles

Program a self-driving vehicle to navigate a fixed and non-fixed environment. The vehicles will make decisions based on how you write your program, and can be built to perform different tasks.

"Coding is today's language of creativity. All children deserve a chance to become creators instead of consumers of computer science."
– Maria Klawe

PLTW
Computer Science Essentials

PROJECT LEAD THE WAY
PLTW

There are tons of computer science jobs available, and not enough people with the skills to fill them. Check out the chart below!

Careers in Computer Science

Careers in computer science include jobs such as

- software developer
- programmer analyst
- business analyst
- web developer
- artificial intelligence
- app developer
- information security analyst
- machine learning specialist

And much, much more!

Learn to Code

Learn the fundamentals of coding in the Python coding language. We will discuss logic, algorithms, and other big ideas to create programs that serve a purpose.

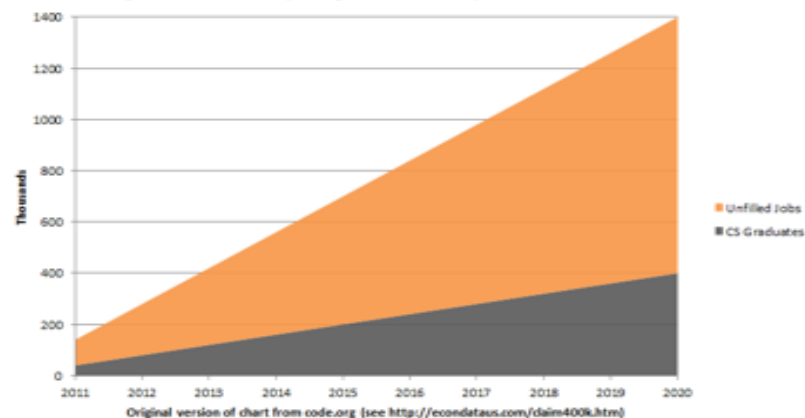Check out the link below for more information!

Click Here!!

Computer Science Essentials is a great way to gain knowledge of programming and computers in a creative, project-based environment, while earning a math credit. If you have further questions, please reach out to Mr. Wagner (nwagner@hufsd.edu) or your guidance counselor!

Figure 1: New Computing Jobs vs. Computer Science Graduates

Thousands

1400
1200
1000
800
600
400
200
0

2011 2012 2013 2014 2015 2016 2017 2018 2019 2020

Unfilled Jobs
CS Graduates

Original version of chart from code.org (see http://econdataus.com/claim400k.htm)

HIGH SCHOOL SPORTS

FALL	WINTER	SPRING
Cross Country (boys/girls)	Basketball (boys/girls)	Baseball (boys)
Field Hockey (girls)	Fencing (boys/girls)	Lacrosse (boys/girls)
Football (boys)	Swimming (boys)	Softball (girls)
Golf (boys)	Track (boys/girls)	Tennis (boys)
Soccer (boys/girls)	Wrestling (boys)	Track (boys/girls)
Swimming (girls)		
Tennis (girls)		
Volleyball (girls)		

STUDENT ACTIVITIES/CLUBS

A World of Difference (AWOD)
American Visionaries/Dream Club
Art Honor Society
Debate Club
Dispatch (newspaper)
Drama Club
English Honor Society
Etcetera
Foreign Language Honor Societies
Gay/Straight Alliance (GSA)

Grade Level Class Leadership (student government)
Grand Friends
Habitat for Humanity
History Day Club
High Steppers
Huntington HS Yearbook
Key Club
Math Honor Society
Mathletes
National Honor Society

Natural Helpers
Ready Step
Robotics Club
Science National Honor Society
Science Research
Social Studies Honor Society
Stage Crew
Student Government
Tri-M Music Honor Society
United Amigos

QUESTIONS?

QUIZ TIME…

- How many credits do you need to graduate from HS?

- Name three electives you can take in 9th grade?

- What are 2 sports teams and 2 clubs offered at the High School?

- Share something you are looking forward to at HHS!

WHAT DID YOU LEARN? WHAT STUCK WITH YOU?

Know	Want to know	Learned