



UNIONVILLE HIGH SCHOOL

COURSE SELECTION NIGHT

Dr. James Conley

*Unionville High School
Principal*



UNIONVILLE

LONGHORNS

2022-2023 UHS Administrative Team

- **Mr. Pat Clark**
(9th & 11th)
- **Ms. Maggie Hunt**
(10th & 12th)

Unionville High School Assistant Principals

UNIONVILLE HIGH SCHOOL



The Start of an Exciting Four Years

The purpose of this evening is to provide an overview of the high school course selection and scheduling process.



UNIONVILLE

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Course Selection Considerations

Complete course selection through a holistic lens

- Many students have meaningful obligations beyond the school day and these are important to their overall development. An appropriate course selection provides both the balance and time that allows a student to engage in such experiences.
- A realistic evaluation of the academic workload outside of the classroom must be considered in conjunction with the time demands from extracurricular activities and additional commitments. Pay attention to the expectations for each of your course selections. Honors level courses require students to complete nightly homework as well as work independently on long-term assignments. Students with multiple honors courses should expect to spend time at night and on the weekends to complete course requirements.
- We want our students to feel appropriately challenged and we recognize that students will feel an appropriate amount of stress at times. However, students should not feel that their schoolwork creates constant, unhealthy levels of stress that negatively affects all areas of a student's life. Your social and emotional health are important.

Determine the appropriate course level

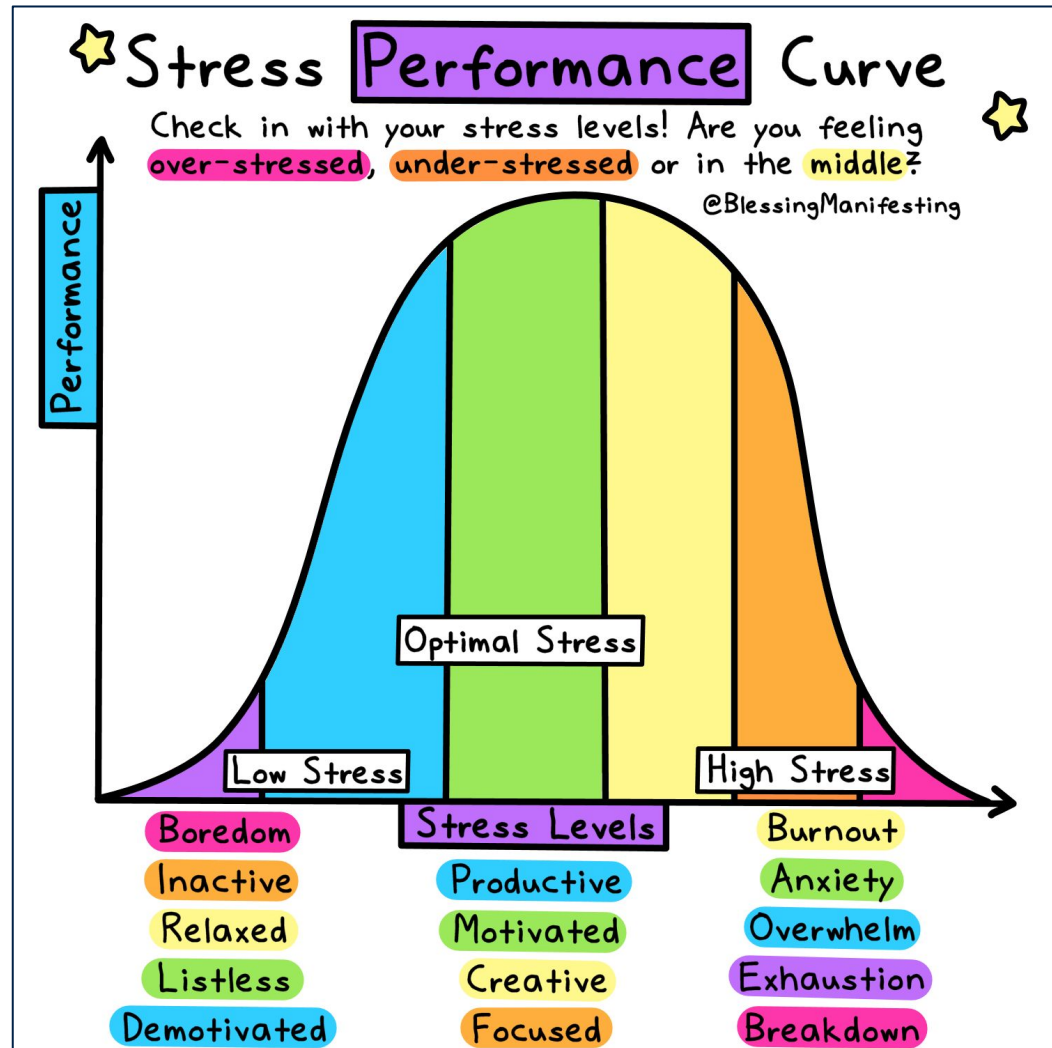
Selecting the appropriate course level is achieved when there's a balance between the student being sufficiently challenged and appropriately placed. An honest consideration of one's strengths, challenges, interests, and goals can help guide the selection process.

- The student's performance in previous courses and the prerequisite skills sets expected of the course.
- The student's attitude toward the work necessary and demonstrated work ethic.
- The departmental grade recommendation for final placement in the proposed courses.
- The student's future educational and vocational goals.
- The student's performance in other "predictors" of success.



SCHEDULING TOOLS

- Course Selection Guide
 - Course Level Descriptions- pg 9
- Weekly Time Commitment Chart
- List of 2022-2023 UHS Courses
(credit, days per cycle, duration)



Timelines

Our goal is to meet the maximum number of student requests as we can within our scheduling structure and resources. This is a partnership and adhering to the scheduling timeline and related deadlines are critical to helping us meet this goal. Student requests are one of the most significant variables in the scheduling process and the designated timelines are structured to increase our ability to meet those requests.

February 11 - 24: Submit Course Request

- Complete online course requests in Powerschool
- Check for minimum 5.5 credits and maximum 7.0 credits
- Check course prerequisite requirements
- Review departmental grade recommendations

April 1 - 6: Course Request Change Period

- Students should review course requests relative to current academic performance, while considering departmental grade recommendations.
- This is the last opportunity for students to add or drop a course from their course requests, with the exception of course level changes.

June 13-June 20: Request Course Level Changes

- A [Request for Course Level Change](#) link will be on the high school website for students to change the level of a course.
- Example of course level changes include:
 - English 9 Honors to English 9 Academic
 - Algebra II Honors to Algebra II Accelerated
 - English 9 Academic to English 9 Honors
- Students who do not meet the [course prerequisites](#) at the end of the year will be placed in the appropriate course.

Late August: Schedules are released in Powerschool



GRADUATION REQUIREMENTS

Students are required to take a minimum of 22 credits over their high school career.

- 4 credits English
- 4 credits Social Studies
- 3 credits Science
- 3 credits Math
- .75 credit Physical Education
- .50 credit Health
- .50 credit Business Applications course
- 6.25 Electives



9th GRADE

Start with what you must take...

1. English-(1 credit)
2. Social Studies-(1 credit)
3. Science-(1 credit)
4. Math-(1 credit)
5. PE/Health (PE=.25 credit, Health=.25)

-----> = 4.5 credits

6. Elective
7. Elective

- Must take 5.5 credits
- No more than 7 credits

Considerations

- How much time do you need during the school day?
 - Should you plan a study hall?
 - What are your responsibilities outside your school day?
- What electives will you take and how many credits?
- How is your elective choice adding to the course load?



9th grade example

PERIOD	Course Request	SEMESTER 1						PERIOD	Course Request	SEMESTER 2					
		A day	B day	C day	D day	E day	F day			A day	B day	C day	D day	E day	F day
1	English	Full Year Course								Full Year Course					
2	Social Studies	Full Year Course								Full Year Course					
3	Math	Full Year Course								Full Year Course					
4	Science	Full Year Course								Full Year Course					
5	World Language	Full Year Course								Full Year Course					
6	Wellness I, SH.Fall13	Wellness	SH. Fall13	Wellness	SH. Fall13	Wellness	SH. Fall13	6	PE 9, SH.Spring3	PE 9	SH. Spring3	PE 9	SH. Spring3	PE 9	SH. Spring3
7	Art 2D Survey	Art 2D	Art 2D	Art 2D	Art 2D	Art 2D	Art 2D	7	Adobe	Adobe	Adobe	Adobe	Adobe	Adobe	Adobe

Courses that meet 3/6 days a cycle are typically either ACE or BDF days. Therefore, courses that are 3/6 days a cycle can be scheduled during the same period because they meet on alternating days.

[Course Selection Instructions](#)



What's new for 2022-2023?

- New Blended learning courses
- Changes to our Science offerings
- New Leadership opportunity in HPE
- New TCHS Program



New Courses

- Anatomy and Physiology Honors (replaces Biology II Academic)
- Intro to Chemistry and Physics Academic
- Environmental Science First Level (replaces Integrated Science)
- Developing Effective Leadership (HPE elective grades 11 and 12)
- Commercial Art and Design Media (TCHS)

New Blended Courses:

Accounting II
English 9 Honors
German II Honors
World History Honors

Biology I Academic
English 10 Honors
Spanish III Honors
US History and Cultures Honors

New Online Courses:

Spanish III Academic



Online and Blended Courses

- Online and blended courses offer students flexibility in managing their academic schedules, and provide an excellent opportunity for **some** students.
- Our online instruction will be presented in a totally asynchronous format.
- Blended course offer the opportunity for both asynchronous and in-person instruction



ENGLISH

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Academic or Honors English?

An Academic-Level English Student . . .

- Appreciates more **guided** comprehension and **teacher-led** discussions
- Prefers more **teacher reminders** about responsibilities
- Desires more **scaffolding** of skills and expectations

An Honors-Level English Student . . .

- Is **motivated** to intensely study writing, reading, research, grammar, and vocabulary
- Loves reading novels, plays, and short stories **independently**, ready to discuss insights with the class
- Has a firm, working knowledge of 8th-grade **grammar concepts**



SOCIAL STUDIES

UNIONVILLE HIGH SCHOOL



Academic or Honors Western Civilization?

An Academic-Level Class . . .

- Has more structured coverage of course content.
- Follows a slower pace.
- Requires ½ hour outside-of-class time each night for an appropriately placed student

An Honors-Level Class . . .

- Requires high-level reading comprehension.
- Has a greater expectation for content acquisition outside of class where class time used to think critically).
- Includes highly motivated students usually with an inherent interest in social studies and exceptional study skills.
- Requires 45 minutes outside-of-class time each night for an appropriately placed student



SCIENCE

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SCIENCE

There are four choices for Freshmen in Science

- Honors Biology
- Biology (Academic)
- Intro to Physics & Chemistry (Academic)
- Global Science (First Level)



SCIENCE

Honors Biology (students take Keystones)

- ✓ We recommend that students earn a 93% in 8th grade Science or 85% in 8th grade Honors Science
- ✓ Most students will enroll in Honors Chemistry in 10th grade, with the option to take Academic Chemistry

Academic Biology (students take Keystones)

- ✓ Concurrent enrollment in Algebra I Accelerated or prior completion of Algebra I at any level
- ✓ Most of these students will enroll in Academic Chemistry with the option to take Honors Chemistry



SCIENCE

Intro to Physics & Chemistry (This is not a keystone course)

- ✓ We recommend this if students are to enroll in Algebra I Academic in 9th grade
- ✓ We also recommend it for students who want to strengthen their math and scientific reasoning skills before taking biology and then chemistry
- ✓ Most students will then take Academic Biology in 10th grade and Academic Chemistry in 11th grade.



SCIENCE

Global Science (First Level)

- ✓ We recommend this course for students who will be enrolling in Concepts of Algebra A
- ✓ This course offers the support students need to then take Biology First Level in 10th grade, and who then take the Keystone exam at the end of 10th grade.



SCIENCE

We have added two additional courses that are available to 11th and 12th grade students

- ✓ Anatomy and Physiology Honors
- ✓ Environmental Science (First Level)



MATHEMATICS

UNIONVILLE HIGH SCHOOL



MATHEMATICS

Course Flowchart

Math Department Flowchart

Students must earn three math credits for graduation.

Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
Geometry Honors	Algebra II Honors	Advanced Math Honors	AP Calculus AB	<ul style="list-style-type: none"> AP Calculus BC AP Statistics
<i>Students may move up or down a level depending on achievement level in a course. Prerequisites are listed next to the course descriptions.</i>				
Geometry	Algebra II Accelerated	Trigonometry & Analysis Accelerated	<ul style="list-style-type: none"> AP Statistics Calculus Accelerated Statistics Accelerated Topics in Calculus & Statistics Accelerated 	<ul style="list-style-type: none"> AP Statistics Calculus Accelerated Statistics Accelerated Topics in Calculus & Statistics Accelerated
<i>Students may move up or down a level depending on achievement level in a course. Prerequisites are listed next to the course descriptions.</i>				
Honors Algebra I or Algebra I Traditional	Geometry Honors	Algebra II Honors	Advanced Math Honors	<ul style="list-style-type: none"> AP Calculus AB AP Statistics Calculus Accelerated
	Geometry Accelerated	Algebra II Accelerated	Trigonometry & Analysis Accelerated	<ul style="list-style-type: none"> AP Statistics Calculus Accelerated Statistics Accelerated Topics in Calculus & Statistics Accelerated
<i>Students may move up or down a level depending on achievement level in a course. Prerequisites are listed next to the course descriptions.</i>				
Pre-Algebra	Algebra I Accelerated	Geometry Accelerated	Algebra II Accelerated	<ul style="list-style-type: none"> AP Statistics Trigonometry & Analysis Accelerated Statistics Accelerated

MATHEMATICS



Grade Recommendations:

- Details available in course selection book
- Monitored yearly; best predictor of success

Honors Students:

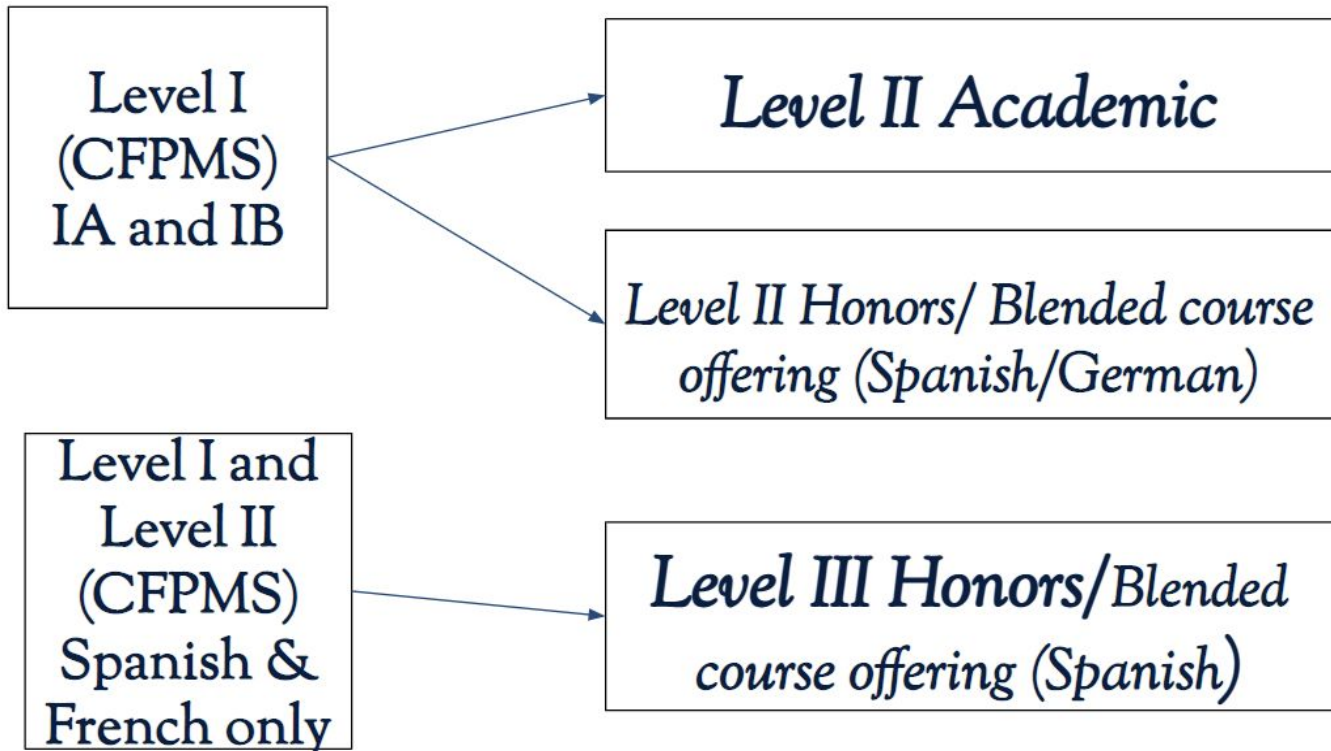
- Demonstrated success in prior courses
- Can master concepts at a fast pace
- Consistent completion of homework
- Seeks help when needed

WORLD LANGUAGE

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WORLD LANGUAGE



Physical Education & Driver's Education

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All freshmen take the following courses...

Wellness 1

- Explore the 6 Dimensions of Wellness in this course
- Class meets 3 out of the 6 days in a cycle for 1 semester

Team Building and Leadership

- Explore the Health Related Components of Fitness
- Work together and get to know your's and your classmates' strengths while practicing the essential skills that all great teams exhibit
- Class meets 3 out of the 6 days in a cycle for 1 semester



ART

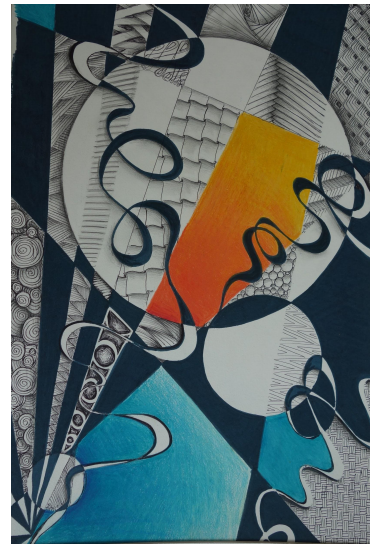
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Year long courses (1 credit, meets every letter day for full school year, meets criteria for elective course requirement):

Art I: Intro to Drawing

The foundational drawing class that is prerequisite for Art II and advanced art courses. Highly recommended for students interested in the arts, architecture, graphic design. If you think you might need a portfolio for college, take this course as early as possible in high school! Learn to use graphite, charcoal, marker and draw realistically from observation.



Art II: Methods and Media: Intro to color media
(watercolor, colored pencil, pastel, oil paint)

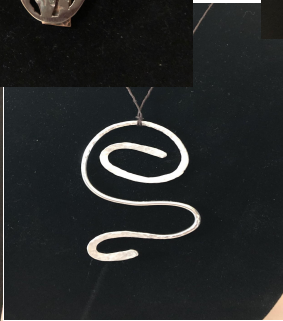
Art III: Advanced methods (honors level)

Art IV: Portfolio (honors level)



Art 3D I

Experience important 3-D sculpture areas including: papermaking, plaster carving, handbuilt pottery, metals & jewelry, and fibers. Ceramic design and pottery production are highlighted in this class.

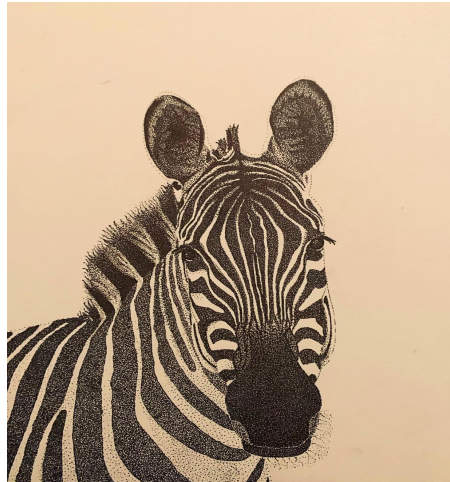
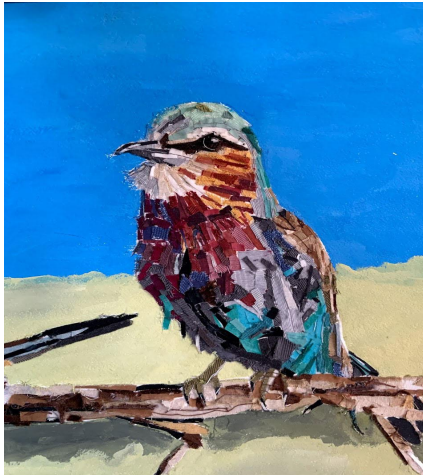


3D Design II

3D Design III: Sculpture and Design (honors level)



- Semester long courses (.5 credit, meets every letter day for 1 semester meets criteria for elective course requirement)
- 2D Survey - experiment with art compositions utilizing collage, printmaking, illustration and pen & ink
- 3D Survey - experiment with sculpture utilizing coiled clay, cardboard/paper, toothpicks, found objects and mixed media



BUSINESS & COMPUTER APPLICATIONS

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Business and Computer Applications

Business Courses (All 0.5 credits):

- Accounting I
- Accounting II
- Sports and Entertainment Marketing
- Criminal Justice
- Business and Personal Law
- Personal Finance
- Entrepreneurship

Blended Courses:

- Personal Finance
- Sports and Entertainment Marketing
- Accounting I
- Accounting II
- AP Computer Science Principles

Online Courses:

Computer/Computer Science Courses:

- College and Career Readiness
- Adobe Photoshop
- Introduction to Programming with C++
- Programming Principles with Python
- AP Computer Science Principles (Year Long)
- AP Computer Science A (Year Long)

- Accounting I
- Sports and Entertainment Marketing



FAMILY AND CONSUMER SCIENCE

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Family Consumer Science Classes offered at Unionville HS encompass a variety experiences that focus on the science and art of living and working well in a complex world.

Through practical problem-focused, process-oriented curriculum students work on developing and mastering critical 21st Century skills.

Classes offered are semester long courses (.5 credit, meets every letter day for 1 semester meets criteria for elective course requirement) and include:

- Foods I
- Foods II
- Regional and Global Cuisine
- Child Development and..
- Introduction to Interior Design



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Family And Consumer Science

You see students cooking.

I see....

Math

Reading

Problem-solving

Measuring

Communication

Time management

Following directions

Collaboration

Life skills!



MUSIC



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Music Ensembles:

Concert Band- .50 credit 3/6 days per cycle

Orchestra- .50 credit 3/6 days per cycle

Symphonic Band (Honors)- .50 credit 3/6 days per cycle

Jazz Band- .50 credit 3/6 days per cycle

Concert Choir- .50 credit 3/6 days per cycle

Chorale (Honors)- .50 credit 3/6 days per cycle

Combined Instrumental/Vocal- 1 credit 6/6 days per cycle

Music Classes:

Music Theory 1- .25 credit 3/6 days per cycle

Music Theory 2- .25 credit 3/6 days per cycle

Music Theory 3 (AP)- 1 credit 6/6 days per cycle

Guitar 1- .25 credit 3/6 days per cycle

Guitar 2- .25 credit 3/6 days per cycle

Music Technology 1- .25 credit 3/6 days per cycle

Music Technology 2- .25 credit 3/6 days per cycle

Fundamentals of Music- .25 credit 3/6 days per cycle



TECHNOLOGY & ENGINEERING EDUCATION

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PLTW Honors Engineering

First level course

Introduction to Engineering Design

Second Level Course

Principles of Engineering

Third Level Course Options

Civil Engineering and Architecture

Computer-Integrated Manufacturing

Capstone Course

Engineering Design and Development

Why take PLTW?

3 college credits per class

Honors credit at UHS

1 UHS credit per class

University partnerships and scholarships

PLTW & AP College Board partnership



.5 Credit Technology and Engineering Classes

Wood and Metal Technology 1-4

TV/Video Production 1-4

Photography 1-4

Construction and Home Reno

Engineering Survey 1&2

Air and Water Transportation

Land Transportation

Electronics 1&2

Engineering CAD 1&2

Architectural CAD 1&2

Graphic Communications



TECHNICAL HIGH SCHOOL (TCHS)

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HOMELAND SECURITY AND PROTECTIVE SERVICES

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How many classes can fit in my schedule?

There are 7 class periods in a school day.

UHS operates on a 6 day cycle and students must have 5.5 credits a school year.

PE 9 is 3/6 days per cycle. Only a 3/6 course could fit or a study hall will be scheduled automatically.



	1	English	
	2	Math	
	3	Social Studies	
Lunch and Learn			
	4	Science	
	5	Team Building	Wellness
	6	Business Elective	
	7	Full Year Elective	



Wellness I is 3/6 days per cycle. Only a 3/6 course could fit or a study hall will be scheduled.

Need 5.5 Total Credits		
Year	6/6	1
Year	3/6	.5
Semester	6/6	.5
Semester	3/6	.25

Important Considerations:

1. Not all courses are offered every period or every semester.
2. If you have a study hall preference, select the appropriate combination in your course requests. It is a preference, not a guarantee.



Timeline Review

February 11 -24: Course Request

- Complete online course requests
- Check for minimum 5.5 credits and maximum 7.0 credits

April 1- 6: Course Request Change Period

- All changes to current course requests must be submitted during the course request change period.

June 13 - 20: Course Level Change Request Submission Period

- All students are required to check final grades and course prerequisites for their current course requests. Students **MUST** meet the course prerequisites at the end of this school year in order to be eligible for certain courses next year.
- Students who do not meet the prerequisites at the end of the year will be placed in the appropriate course. Students who elect to request a course for which they do not meet the prerequisite must submit a *Request For Course Level Change* from that will be linked on the UHS website.



Students who do not meet the prerequisites at the end of the year will be placed in the appropriate course. Students who elect to request a course for which they do not meet prerequisite must submit a Grade Prerequisite Waiver Agreement through the link on the UHS website between June 14- July 10, 2017.

Can sort by Course Name or Number

9TH GRADE ENGLISH

9TH GRADE SOCIAL

9TH GRADE SCIENCE

Please select a Scien

9TH GRADE MATH

Please select a Math

9TH GRADE PE

This is required PE class

9TH GRADE HEALTH

This is required Health

ESSENTIAL COMPUTE

Please select an Essay

Applications course.

9TH GRADE ART & M

9TH GRADE WORLD I

9TH GRADE TECH ED

9th Grade English

Please select an English course for 9th grade. If choosing "Eng Fdns of Western Thought Honors" you must select "SS Fdns of Western Thought Honors" in Social Studies.

<input checked="" type="checkbox"/>	Course Name	Number	Course Description	Credits	Prerequisite Note	Alerts
<input type="checkbox"/>	English 9 First Level	ENG1001	English 9 First Level includes the study of specific novels, short stories, poetry, grammar, and vocabulary. While analyzing thematic and literal meanings, as well as literary devices, students will concentrate on attaining the skills needed to reach proficiency on the Keystone Literature exam in 10th grade. The course focuses on the effective use of language for communication, scaffolding skills appropriately for students.	1	60% in 8th grade English	
<input type="checkbox"/>	English 9 Academic	ENG1002	English 9 Academic focuses on a variety of literary genres, while analyzing thematic and literal meanings as well as literary devices. This course emphasizes instruction and practice in oral and written composition and also improvement of language	1	60% in 8th grade Core English, Honors English, or Honors Creative Writing	

HPE1002 - 0.25 cred

This course explores

Click the edit button to request a course ➔

Click the edit button to request a course ➡

Click the edit button to request a course ➔

Click the edit button to request a course ➔