



# Academic Pathways Night

Commack High School  
November 22, 2022

# This Evening's Program

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What is the **vision** of Commack High School?

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What **academic pathways** are offered at Commack High School?

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How does my child decide which academic pathway is **right for them**?

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**What is the vision of  
Commack High  
School?**

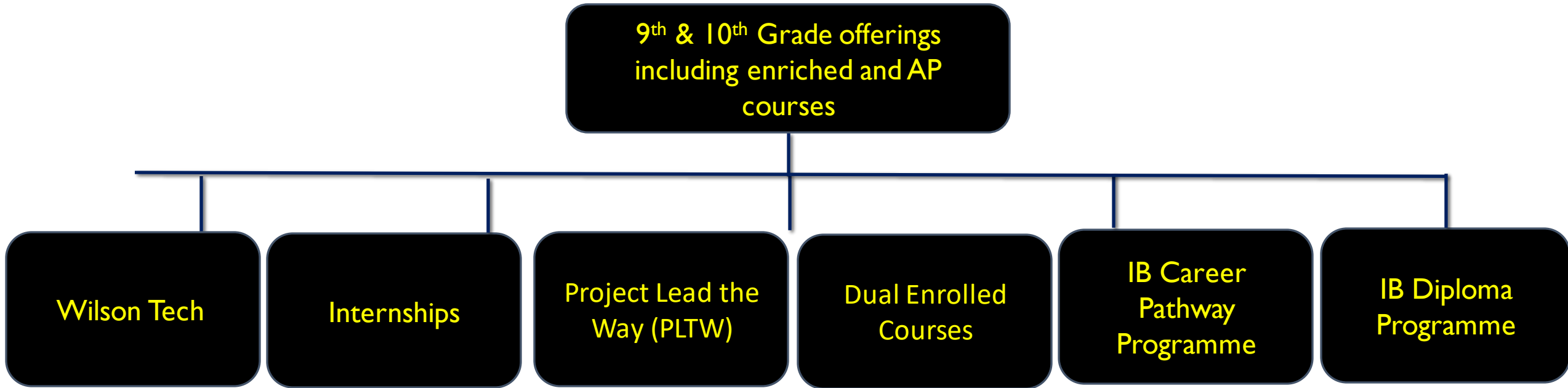
# Our Philosophy at Commack High School

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At Commack High School, we believe that all students should engage in **relevant** and **innovative** coursework that prepares them for what they want to do after they leave high school.

# Commack High School Continuum

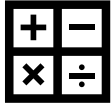


At Commack High School students will engage in coursework that provides them with the 21<sup>st</sup> century skills for success in what they choose to do after they leave Commack High School.

# Commack High School Program Highlights

## Mathematics

Geometry Enriched  
Geometric Applications  
IB Math Applications  
IB Math Analysis  
College Pre-Calculus  
College Calculus  
AP Calculus  
IB Math Analysis HL 2/AP Calculus BC  
Programming with Python  
PLTW/AP Computer Science  
Real Life Statistics  
IB/AP Computer Science  
AP Statistics  
Math Research



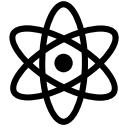
## Art

AP Studio Art  
Fashion Illustration  
Game Design  
Sculpture and Ceramics  
Painting and Drawing  
Digital Photo



## Science

Biology Enriched  
IB Biology  
IB Environment  
Systems/Society  
Chemistry Enriched  
Earth Science  
IB Physics  
IB Chemistry  
Topics and Chemistry  
College Chemistry Forensics  
College Marine Biology  
College Anatomy and Physiology  
Science Research



## World Language

IB French  
IB Italian  
IB Spanish  
American Sign Language  
IB Latin  
College Language and Culture



## Social Studies

Global History Enriched  
AP World History  
IB History  
IB Psychology  
IB Economics  
IB Global Politics  
College Sociology  
Holocaust Studies



## Health/Physical Education

College Sports Medicine  
College Health Professions  
IB Dance



## Business

IB Business Management  
Entrepreneurship  
College Accounting  
Citizen Law  
Sports and Entertainment Marketing  
Wall Street  
College Business/Personal Law  
Career and Financial Management



## English

English 9 Enriched  
English 10 Enriched  
IB Language and Literature  
IB Literature  
Sports Media  
Video Production  
Communications/Public Speaking



## Technology

PLTW Civil Engineering  
PLTW Computer Integrated Manufacturing  
PLTW Design Drawing Production  
PLTW Principles of Engineering  
**Computer Repair Academy**



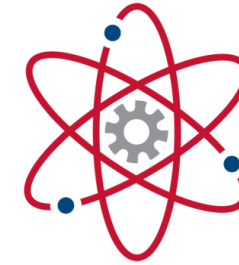
## Music

Comprehensive Music Theory  
AP Music Theory  
Orchestra  
Band  
Chorus  
Symphonic Band  
Symphonic Orchestra  
Choral  
Piano  
Guitar





**What academic programs are offered at Commack High School?**



PROJECT LEAD THE WAY

PLTW



Commack High School is proud of our robust programs that offer all students **choice** in the work that they find **meaningful** to engage in. Our program highlights include:

- Courses rooted in **project-based** approaches to learning.
- Curricula accredited by ten different institutions of higher learning.
- Unique learning experiences that expose our students to the **skills and traits** they need to be successful after they leave Commack.



# International Baccalaureate

*Combining international programs and experiential learning to provide our students with unparalleled experiences*

## Diploma Programme

- Comprehensive educational program
- 5 core liberal arts courses + 1 elective
- Student initiated research and writing
- College preparatory program



## Career-Related Programme

- Exposure to a selected career pathway
- Career courses paired with DP courses
- Relevant research in the field of study
- College & career preparatory program



# Wilson Tech Education & Internships

*Placing our students in real world settings for hands-on learning*

## Wilson Tech

- Workplace skill development
- 35 half-day programs
- Hands-on experience in the chosen field



## Internships

- On-site career exploration
- Work side-by-side with practicing professionals
- Credit bearing



# Dually Enrolled Courses

*College-level learning while still in High School*

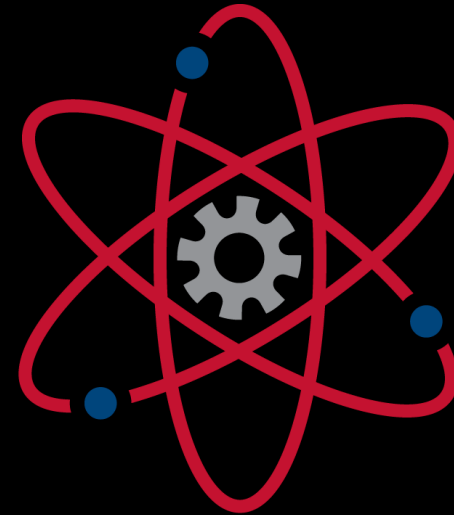
- Earn High School and College credit simultaneously
- "Try-on" college level learning
- Offered in many curricula and subject areas



# Project Lead the Way (PLTW)

*Developing in-demand, transportable skills by exploring real-world challenges*

- Pathways in Computer Science & Engineering
- Students learn to solve problems, think critically, communicate and collaborate
- Real-world issue investigation that is student driven



PROJECT LEAD THE WAY

**PLTW**



**How does my child  
decide which  
academic pathway  
is right for them?**

# How can my child and I make the best decision?

- Consider strengths/interests/passions
- Career Exploration via Naviance
- Involvement in clubs and extra-curricular organizations
- Scheduling Orientation
- Curriculum Fair
- Wilson Tech Orientation and Field Trip
- Internship Orientation
- Advanced Program small group meetings
- Individual student-counselor meetings
- Career Fair
- Ask questions and be informed!



# Focus Session Locations

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IB Diploma Programme – Art Gallery

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IB Career-Related Programme - Auditorium

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Dually Enrolled Courses – Student Study Center

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Wilson Tech/Internship - Tech2

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PLTW – Tech Shop 1

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