



*Explore Your Potential:
Five Pathways to
Earning
College Credit
in High School*

Why College Credit in High School?

- ❖ Can help reduce tuition cost\$
- ❖ Puts students ahead academically in college
- ❖ Makes students competitive for internships - earlier experiences
- ❖ Impresses college admissions: illustrates seriousness and/or passion for earning a degree



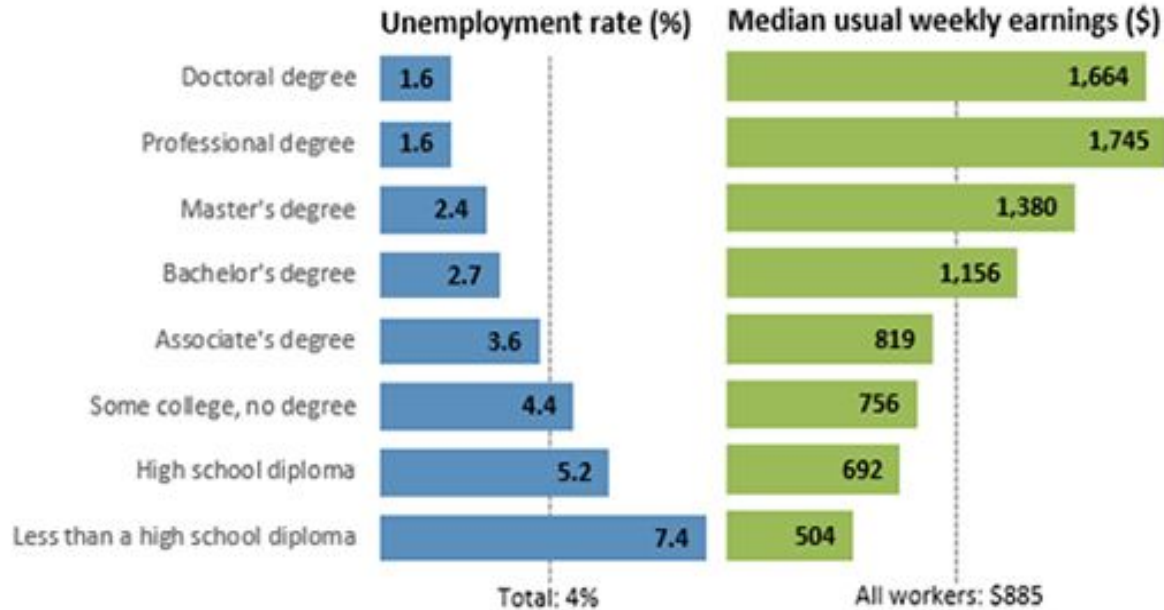
Why College Credit in High School?

Bureau of Labor Statistics:

- ❖ 10 million new jobs by 2026
- ❖ Employers of the future will seek candidates with a bachelor's degree or higher in:
 - Accounting/Finance
 - Computer Science
 - Computer Engineering
 - Marketing
 - Electrical and/or Mechanical Engineering

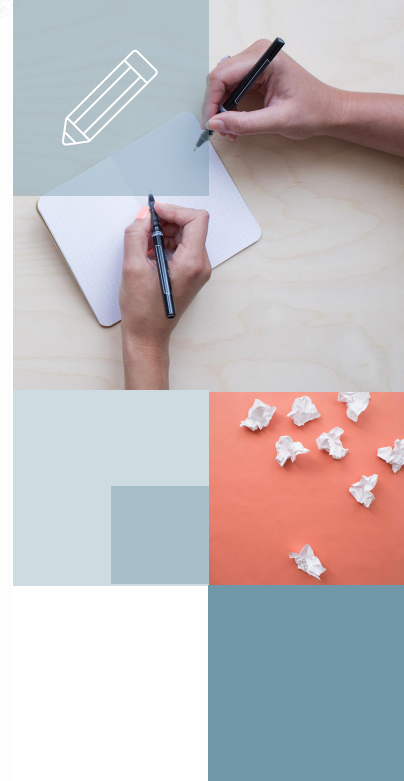


Unemployment rates and earnings by educational attainment, 2016



Note: Data are for persons age 25 and over. Earnings are for full-time wage and salary workers.

Source: U.S. Bureau of Labor Statistics, Current Population Survey.



10 Fastest Growing Occupations by 2026

Occupation	Projection Percentile	Median Annual Wage
Solar Photovoltaic (PV) Installers	105.3	\$39,240
Wind Turbine Service Technicians	96.1	\$52,260
Home Health Aides	46.7	\$22,600
Personal Care Aides	37.4	\$21,920
Physicians Assistants	37.4	\$101,480
Nurse Practitioners	36.0	\$100,910
Statisticians	33.4	\$80,500
Physical Therapist Assistants	30.8	\$56,610
Software Developers, Applications	30.5	\$100,080
Mathematicians	29.4	\$105,810



How Can I Earn College Credit in High School?

AP



Preparing students for the global economy



Characteristics of Students Ready for High School College Credit Courses:

1. **Collaborates** well with others.
2. Works well **independently**.
3. **Seeks help** when necessary.
4. Readily **applies** learned skills to new situations.
5. Responds well to **guided discovery**.
6. Shows **persistence** in searching for solutions or results.
7. Likes to analyze, generalize, derive, prove, or **investigate relationships and alternative solutions**.
8. Shows a **high degree of interest and motivation**.
9. Is intellectually **curious and a critical thinker**.
10. Shows above average ability in **oral and written expression**.
11. **Self-directed organizer** by maintaining order within notes, binders, and folders.
12. Sees how advanced coursework meets **current goals and future aspirations**.





P
A
S
S
I
O
N

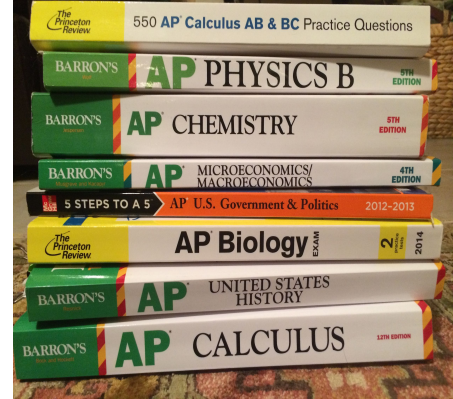
D
R
I
V
E

Pathway #1 Advanced Placement

AP

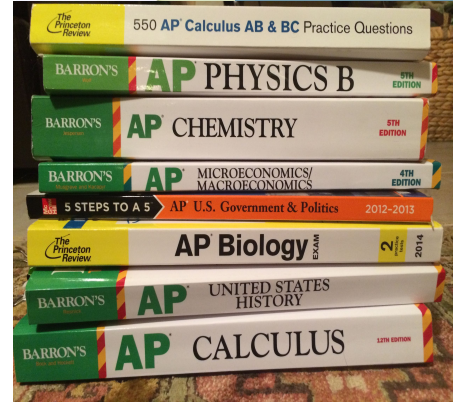
What is Advanced Placement?

- ❖ Provides an opportunity for students to **pursue college level studies**, with the possibility to earn college credit, while in high school.
- ❖ AP courses are **aligned with the requirements of the College Board AP Program** and **evaluated annually** through the College Board AP audit.
- ❖ These courses serve as a primary **vehicle to prepare students for the AP exam** in May, in which they may earn college credit.
- ❖ While colleges & universities determine AP exam credit is awarded, **ALL Illinois state colleges & universities MUST award some level of credit for scores of 3 or higher.**



What is Advanced Placement?

- ❖ Provides an opportunity for students to **pursue college level studies**, with the possibility to earn college credit, while in high school.
- ❖ AP courses are **aligned with the requirements of the College Board AP Program** and **evaluated annually** through the College Board AP audit.
- ❖ These courses serve as a primary **vehicle to prepare students for the AP exam** in May, in which they may earn college credit.
- ❖ While colleges & universities determine AP exam credit is awarded, **ALL Illinois state colleges & universities MUST award some level of credit for scores of 3 or higher.**



AP: Myths vs Realities

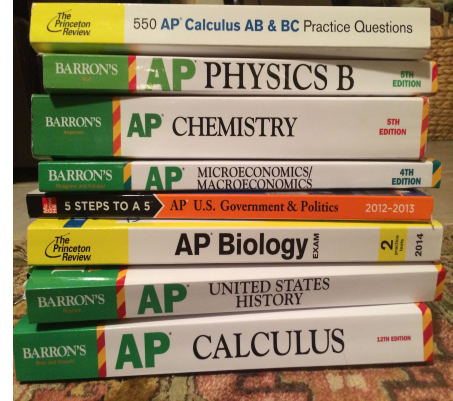
Myth: AP courses are for students who always get good grades.

Reality: AP courses are for ANY STUDENT who is academically prepared and motivated to take college-level courses!

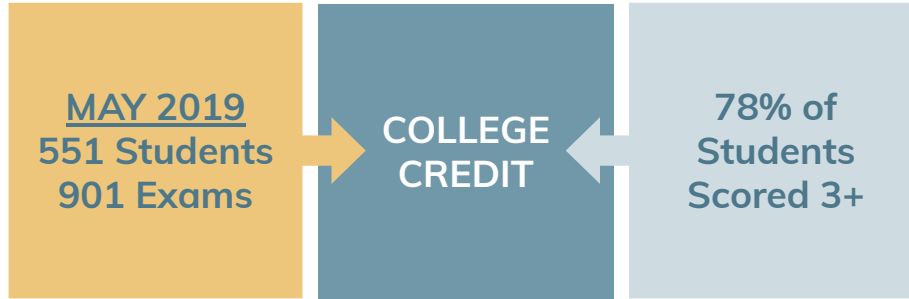
Myth: Taking AP courses could hurt my student's GPA.

Reality: AP courses are weighted credit courses.

The decision to take an AP course shows college admissions officers that students are willing to take on the academic challenge of rigorous, thoughtful and analytical coursework.



OHS Advanced Placement Data



AP Scores & College Credit Examples



Course	U Of I	Illinois State	Northern Ill	Loyola	Ohio State
Biology	5=8 credits	4=8 credits	3=6 credits	4=8 credits	3=4, 4=4, 5=8
Calculus AB	4=5 credits	3=4 credits	3=4 credits	4=4 credits	3=5 credits
English Lit	4=7 credits	4=3 credits	3=3 credits	4=3 credits	3=3 credits
French	3=4 credits 4=8 credits	3=8 credits 4=12 credits	3=6 credits 4=9 credits	3=3 credits 4=6 credits	3=8, 4=12, 5=15 credits
APUSH	4=6 credits	4=6 credits	4=3 credits	3=3 credits, 4=6	3=6 credits
Physics B	4=10 credits	3=10 credits	3=6 credits	4=6 credits	3=10 credits
Psychology	5=4 credits	4=3 credits	3=3 credits	4=3 credits	3=3 credits
Art 2-D	4=3 credits	3=3 credits	4=3 credits	---	3=3 credits
Macroecon	4=3 credits	4=4 credits	4=3 credits	4=3 credits	3=3 credits
Stats	4=3 credits	4=3 credits	3=3 credits	4=3 credits	3=3 credits
Spanish	4=7 credits 5-10 credits	3=8 credits 4=12 credits	3=6 credits 4=9 credits	3=4 credits 4=6 credits	3=12, 5=15 credits
Comp. Sci	3=3 credits	4=4 credits	3=3 credits	-----	3=3, 4=6 credits

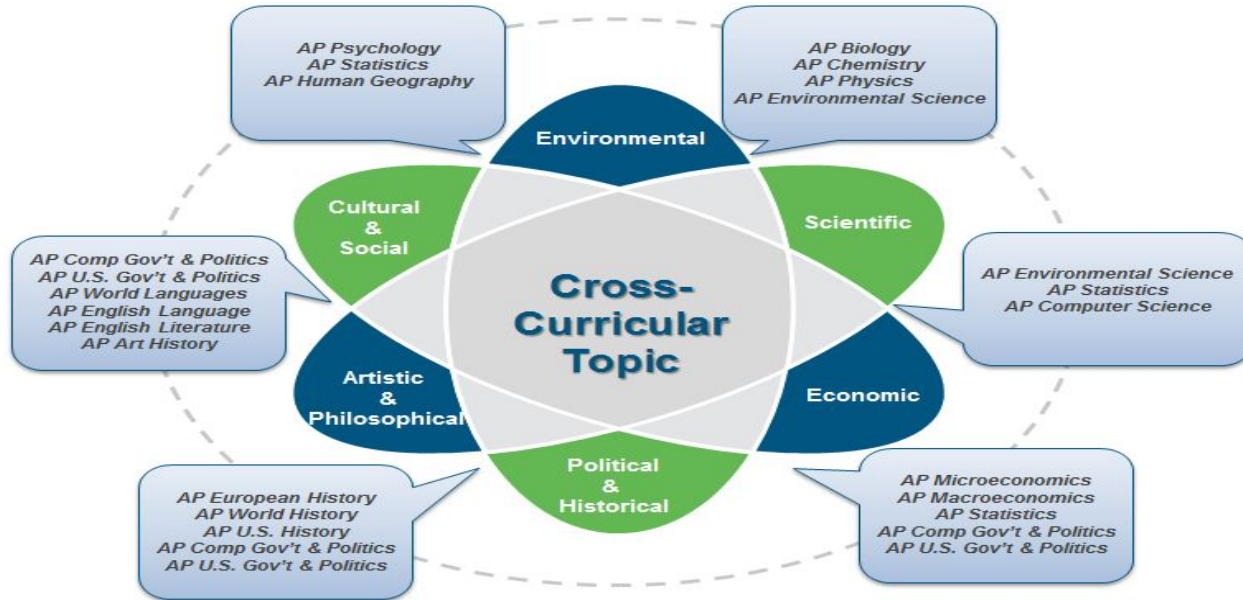
Approximate Savings with AP/Dual Credit



Credit Hour	U Of I	Illinois State	Northern Ill	Loyola	Ohio State
1 Credit	\$1,003.00	\$427.00	\$342.00	\$705.00	\$1,211.00
2 Credits	\$2,006.00	\$854.00	\$684.00	\$1410.00	\$2,422.00
3 Credits	\$3,009.00	\$1,281.00	\$1,026.00	\$2,115.00	\$3,633.00
4 Credits	\$4,012.00	\$1,708.00	\$1,368.00	\$2,820.00	\$4,844.00
5 Credits	\$5,015.00	\$2,135.00	\$1,710.00	\$3,525.00	\$6,055.00
6 Credits	\$6,018.00	\$2,562.00	\$2,052.00	\$4,230.00	\$7,266.00

What is AP Capstone?

AP Capstone is an innovative, new diploma program that gives students an opportunity to apply *critical thinking, collaborative problem-solving, and research skills* in a cross-curricular context.



AP Capstone Diploma & Certificate

AP Capstone Curriculum

AP Capstone Diploma™

Students who earn scores of 3 or higher in both of the AP Capstone courses and on four additional AP Exams of their choosing will receive the AP Capstone Diploma™.

AP SEMINAR (Year 1)

- Team Project & Presentation
- Research-Based Essay & Presentation
- Written Exam

AP RESEARCH (Year 2)

- Academic Thesis
- Public Presentation and Defense

4 AP COURSES (Throughout High School)

AP EXAM 1

AP EXAM 2

AP EXAM 3

AP EXAM 4

AP Capstone Certificate™

Those students who earn scores of 3 or higher in both of the AP Capstone courses but not on the four additional AP Exams will receive the AP Capstone Certificate™, signifying successful performance in those courses.



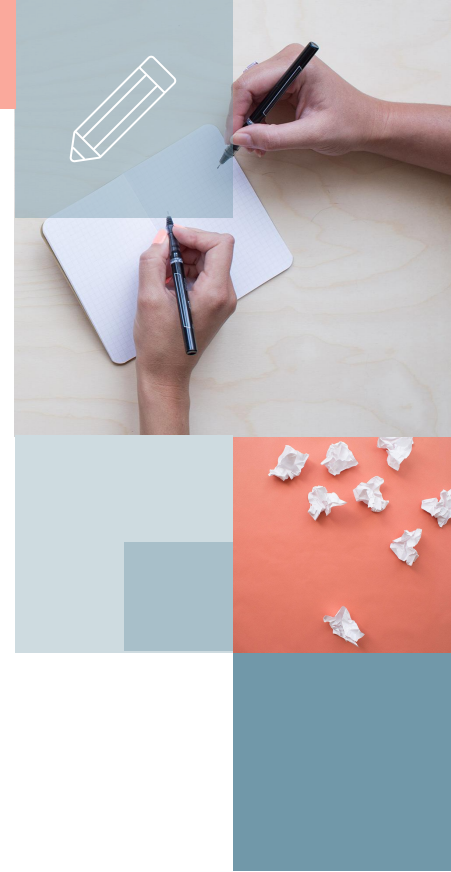


Pathway #2 Dual Credit



What Is Dual Credit?

Academically qualified high school students enroll in a *college level course* and, upon successful completion of the course, *earn both high school and college credit.*



Dual Credit Data & Savings

For the combined Fall and Spring terms last year,
451 OHS students earned a total of
1,353 college credit hours
at a cost of \$23,000.

This is a cost savings of
over \$224,000 in Waubensee Community College tuition,
over \$224,000 in 4 year public university tuition savings,
and over \$953,000 in private university tuition savings.



2020-21 Dual Credit Courses

WCC Course Name	High School Course Name	Credit Hours
Basic Statistics	College Prep Statistics	3
First-Year Composition I	College Composition and Literature	3
First-Year Composition II	College Composition and Literature	3
Fundamentals of Speech Communication	College Communications	3
Calculus with Analytic Geometry I	AP Calculus BC	4
Human Biology	Honors Anatomy & Physiology	4
Introduction to Biology	AP Biology	4
Introduction to Criminal Justice	Criminal Justice	5
Introduction to Spanish Literature	AP Spanish Literature	3
Maintenance and Light Repair	Auto Service Operations	2



Dual Credit: Ensuring Quality



- ❑ All instructors must meet the same requirements as instructors on the college campus
- ❑ All courses must use the same outlines, content, descriptions and requirements as the college courses
- ❑ Dual credit students must satisfy all course placement tests and prerequisites as other college students

Dual Credit: Placement Testing

Students may test into courses using the following placement tests:

- First Year Composition I (ENG 101)
 - ACT English score - 19
 - SAT EBRW score - 480
- College Mathematics (MTH 101), Applied Math (MTH 102), Basic Statistics (MTH 107)
 - ACT Math score - 22
 - SAT Math score - 530
- Calculus with Analytic Geometry
 - ACT Math score - 28
 - SAT Math score - 660

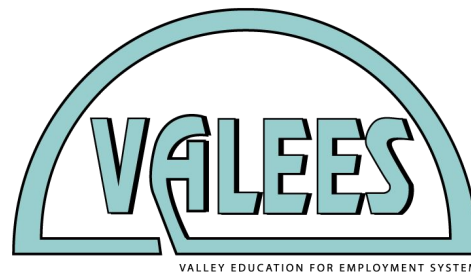


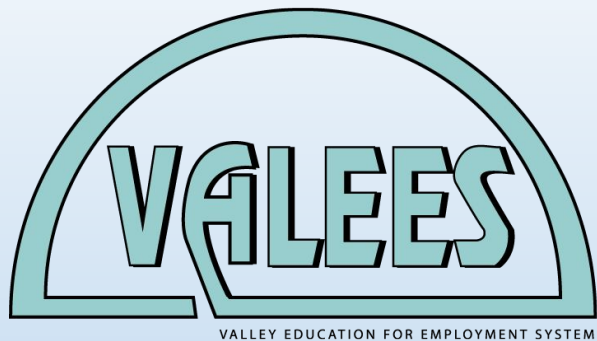
Dual Credit: Enrollment Information

- Sign up is part of the OHS course selection process
- Placement testing may occur at OHS or at WCC
- Cost:
 - When the instructor is an OHS teacher, the cost is the WCC student fee (currently \$8 per credit hour)
 - When the instructor is a WCC instructor, it is the WCC tuition per credit hour (\$130 in-district students)



Pathway #3 Articulated Credit





ARTICULATED CREDIT

Valley Education for Employment System

(VALEES)

www.valees.org

What is Articulated Credit?

- Articulated credit is equivalency credit
- Awarded by Waubonsee Community College
- Only available for specific Career and Technical Education (CTE) classes
- Requires students receive a **B or better** in high school class (for all semesters of class)
- Requires students submit a College Credit Articulation form **and official transcript** to the VALEES office
- Must be claimed within 2 years of graduation date
- Must take at least 1 course at Waubonsee and pay a \$10 recording fee



What High School Courses offer Articulated Credit?

All qualifying classes can be found on the VALEES website.

Go to www.valees.org

Select Early College Credit from the header.

Find your school and year of graduation from the table.

2020-2021 courses include:

Accounting 2

Automotive Service Operations

Early Childhood I & II

Emergency Medical Technician

Graphics II, III and Advanced

Metalworking and Manufacturing I, II and advanced

And more...



How does a student claim Articulated Credit?

- Upon graduation, go to www.valees.org
- Select Early College Credit
- Select form for school and year of graduation from the table
- Print and complete College Credit Articulation Form
- Submit form and a **high school transcript** to the VALEES office

Waubonsee Community College

Sugar Grove Campus

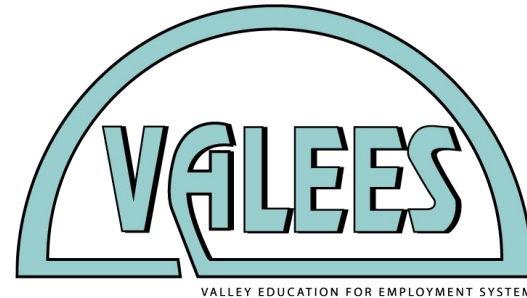
Building A, Room 161



College Credit
Articulation Form



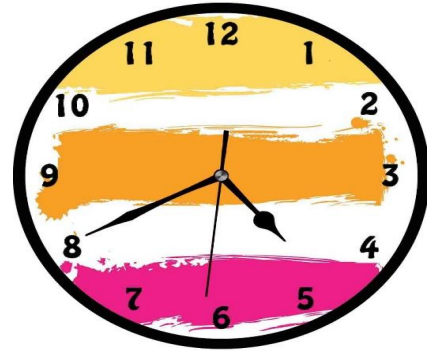
Transcript with "B" or
better in qualifying
class



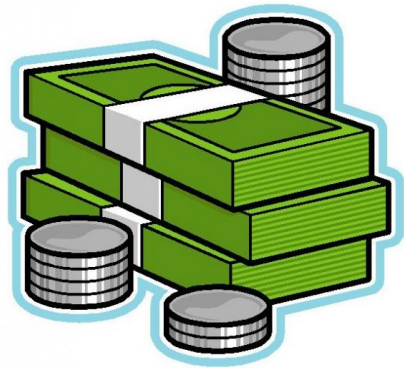
VALLEY EDUCATION FOR EMPLOYMENT SYSTEM

Why Claim Articulated Credit?

SAVE TIME



SAVE MONEY



The VALEES office is here for you

Cassie Blickem

VALEES Director

cblickem@waubonsee.edu

630-466-2905

Jennifer Lara

Program Specialist

jlara1@waubonsee.edu

630-466-2953

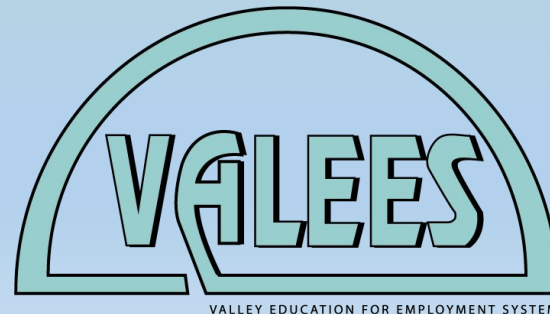
Mary Borneman

Office Manager

mborneman@waubonsee.edu

630-466-5736

www.valees.org



Pathway #4

Seal of Biliteracy



Seal of Biliteracy

What: An award from the state saying one is “officially” biliterate.

- Biliterate vs. Bilingual
- Gold seal on diploma
- Statement on transcript

Who: Any Junior or Senior who can read, write and speak English AND one additional language:

Arabic	Chinese	French	German	
Korean	Portuguese	Polish	Russian	
Spanish	Hindi	Italian	Japanese	Thai

AND has an SAT score of 540 or better in Evidence Based Reading and Writing



Seal of Biliteracy

Since 2017, OHS has...

- 138 graduates qualified for the Seal of Biliteracy
 - (i5 across all four domains)
- 60 graduates qualified for the Commendation toward the Seal of Biliteracy
 - (i1-i4 across all four domains)





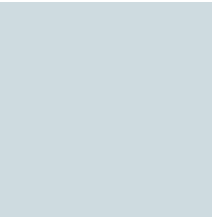
Science • Technology • Engineering • Math



Pathway #5 PLTW

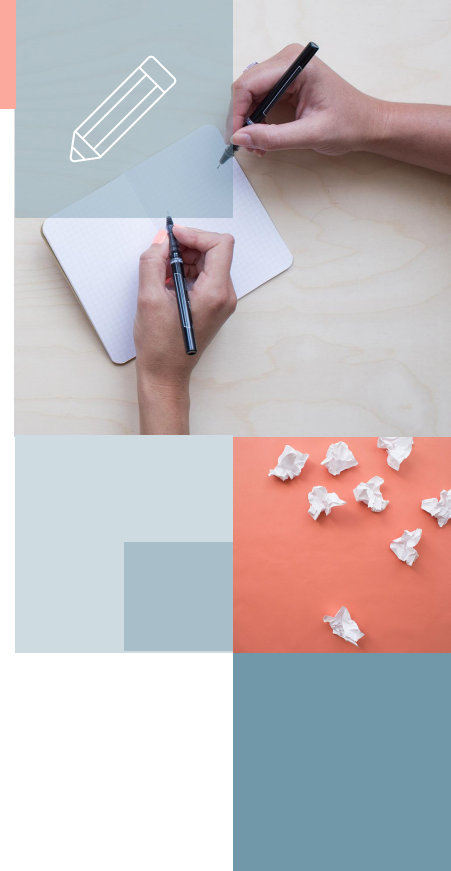


Preparing students for the global economy



What is Project Lead The Way?

- ❖ Engaging, hands-on exploration of various engineering and medical disciplines
- ❖ Opportunity to use industry technology and explore engineering projects that mirror what is seen in the engineering and medical industries
- ❖ Working with the same tools used by professionals in hospitals and labs to find solutions to problems to real-world problems.
- ❖ Students in PLTW LOVE hands-on projects and creating things!
 - Examples:
 - 3-D Printer
 - Autodesk: CAD Modeling Suite
 - Vex Robotics Equipment
 - Dissections
 - Forensics & DNA Analysis
 - Designing Prosthetics and 21st century medical solutions



PLTW Data

In 2018-19, **196 OHS students** took PLTW End-of-Course assessments in five PLTW classes.

74% of OHS PLTW students received performance levels of **Accomplished or Distinguished** on a four-level comparison rubric.

More than 150 higher education institutions actively recruit PLTW students and provide recognition opportunities including:

- Admissions
- Scholarships
- Course credit



PLTW Offerings

Honors Introduction to Engineering and Design (IED)

Honors Principles of Engineering (POE)

Honors Digital Electronics (DE)

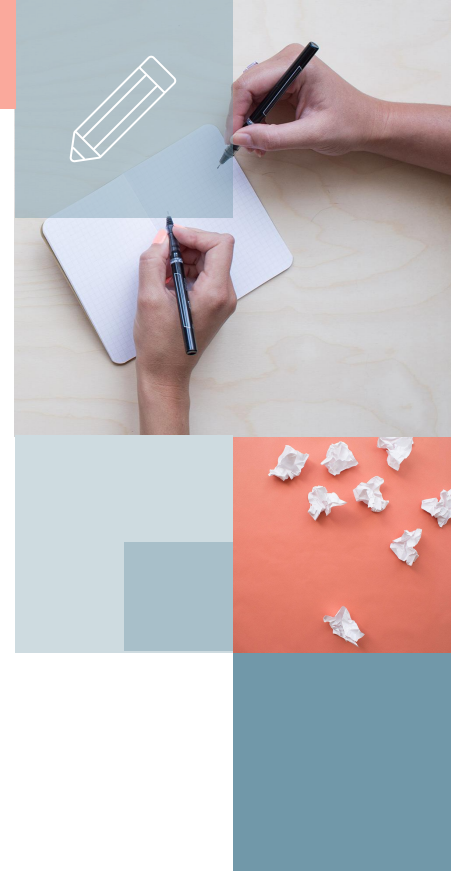
Honors Civil Engineering and Architecture (CEA)

Honors Engineering Design and Development (EDD)

Honors Principles of Biomedical Science (PBS)

Honors Human Body Systems (HBS)

Honors Medical Interventions (MI)



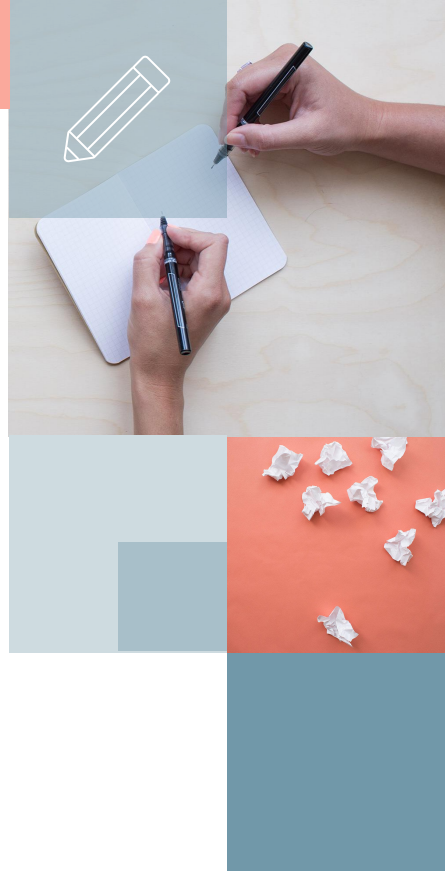
READY

college. career. life.



What do colleges and universities look for?

Grades
Rigor of classes
Test scores
Attendance
Community Service



Balance, Balance, Balance

1. For students sometimes it is a balance between
 - a) what is going to provide them the biggest challenge, benefiting them the most for college admissions and
 - b) what will be best for their health and happiness.
2. And for parents sometimes it's a balance between
 - a) embracing your student's struggles to help them grow in preparing for the rigor of college and
 - b) protecting them from what can seem like overwhelming pressures and demands so they keep their emotional health.



Explore and Visit

- ★ Stop by the tables in the cafeteria or by classrooms to learn more about college credit courses and pathway options.
- ★ Tables are organized by subject area
- ★ Talk with teachers and students! Ask questions!
- ★ Take home information!
- ★ Email with questions any time!

Thank you for spending your evening with us!

