

Pathways to
Advanced Learning:
Earning College Credit
in High School

Why College Credit in High School?

- Can help reduce tuition costs
 - 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 (Jan 2015 update):

- ❖ 10 million new jobs by 2024
- ❖ Healthcare, construction, professional and business services, and social assistance
- ❖ Employers of the future will seek candidates with a bachelor's degree or higher
 - Accounting
 - Engineering
 - Computer Science
 - Business & Economics

Fastest Growing Job Sectors by 2024

- ❖ Healthcare & Social Assistance
- ❖ Counseling & Therapy
- ❖ Technology
- ❖ Accounting & Audits
- ❖ Financial Investments
- ❖ Travel, Hospitality & Leisure
- ❖ Construction
- ❖ Software Development
- ❖ Wind Turbine Service Technicians

How Can I Earn College Credit in High School?

Advanced Placement

Dual Credit

Articulated Credit

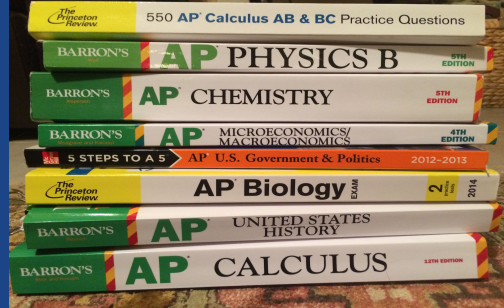
Project Lead The Way (PLTW)

Seal of Biliteracy

Characteristics of Students Well-Suited 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**

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

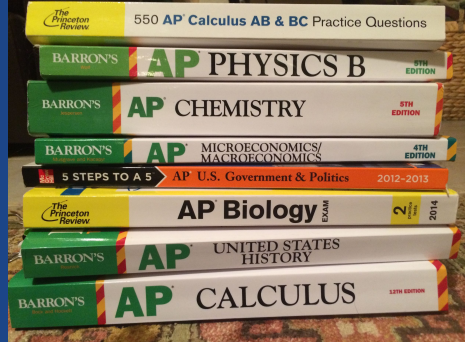
Myth: AP courses are for students who always get good grades.

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

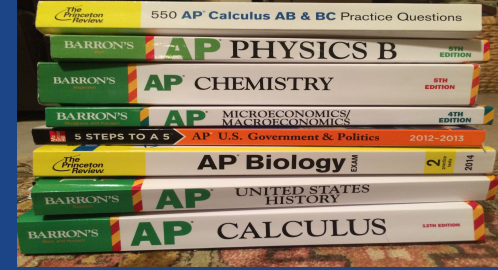
Myth: Taking AP courses could hurt my student's GPA.

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.



Advanced Placement OHS Data



- ❖ In May of 2016, *771 OHS students* took *1,288 Exams*.
- ❖ *61%* of students earned a *3 or higher* on AP exams (*higher than the national percentage*).
- ❖ Students earning a 3 or higher have the potential to earn college credit.

AP Scores & College Credit Examples

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

Approximate \$avings with AP/Dual Credit

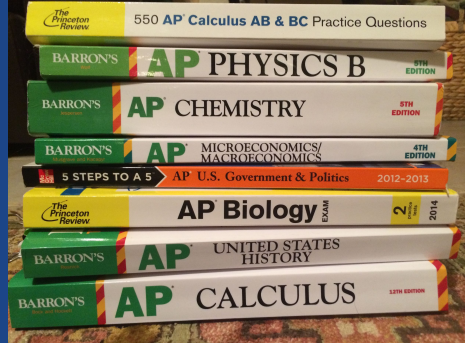
Credit Hour	U Of I	Illinois State	Northern Ill	Loyola	Ohio State
1 Credit	\$1,003.00	\$427.00	\$342.00	\$705.00	\$1,211.00
2 Credits	\$2,006.00	\$854.00	\$684.00	\$1410.00	\$2,422.00
3 Credits	\$3,009.00	\$1,281.00	\$1,026.00	\$2,115.00	\$3,633.00
4 Credits	\$4,012.00	\$1,708.00	\$1,368.00	\$2,820.00	\$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

Advanced Placement Offerings

- ❖ OHS offers 34 Advanced Placement courses.
- ❖ 2 of the courses are part of our AP Capstone Program
 - AP Seminar
 - AP Research

Visit the AP Capstone Table to learn more about this program.

A full list of classes is available at the Student Services table.



What is AP Capstone?



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.

- ❖ **Develops** transferable key academic skills (thinking, research, and communication) in response to feedback from higher education.
- ❖ **Builds** on the foundation of a new, two-year high school course sequence—**AP Seminar and AP Research**—and is designed to **complement and enhance** the **in-depth discipline-specific** study provided through AP® courses.
- ❖ **Cultivates** *curious, independent and collaborative* scholars and prepares them to make logical and evidence based decisions.

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

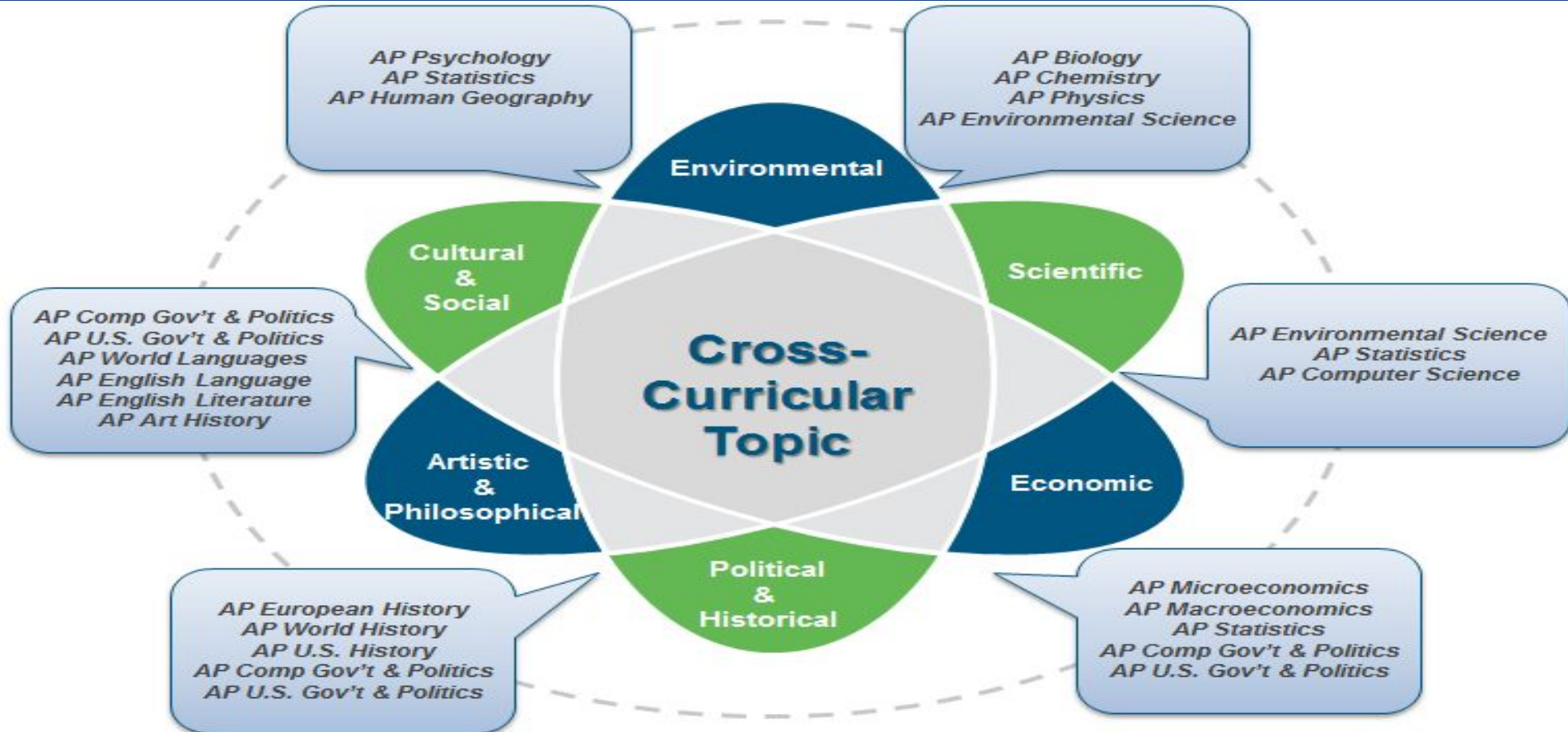
AP EXAM 4

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.

AP Capstone Connections

The AP Capstone courses (Seminar & Research) connect to all AP classes across the curriculum.



What does “Dual Credit” mean?



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.*

What is Dual Credit?



- Courses can be offered at the college, the high school or online
- Core and/or career courses can be offered
 - ◆ Must be IAI approved or
 - ◆ First year courses in an AAS degree program
- Instructors must meet the community college faculty requirements

Dual Credit Data & Savings



For the combined Fall and
Spring terms,

722 OHS students
earned a total of **1,702**
college credit hours
at a cost of **\$14, 778.00.**

This is a cost savings of
*over \$187,000 in Waubonsee
Community College tuition,*
*over \$357,000 in Northern
Illinois University tuition, and*
*over \$650,000 in Aurora
University tuition.*

2016-17 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
Physical Fitness I	Advanced Personal Fitness I	1
Physical Fitness II	Advanced Personal Fitness II	1

** Introduction to Psychology in Summer School*

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
- All students must have the appropriate qualifications: motivation, adequate time to devote to the course, meet all prerequisites
- 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 - 20
 - SAT ERW score - 540
- College Mathematics (MTH 101), Applied Math (MTH 102), Basic Statistics (MTH 107)
 - ACT Math score - 22
 - SAT Math score - 550
- Calculus with Analytic Geometry
 - ACT Math score - 28
 - SAT Math score - 660
- Reading (ACT) 20 (SAT) 540; No Reading Recommendation

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

What is Articulated Credit?



- Students who earn high school credit can earn college credit based on the articulation agreement through the Valley Education for Employment System (VALEES).
- Students must apply for the credit and meet achievement qualifications (ie: B or better) each semester.
- Cost of articulated credit is \$10.00 per credit hour and is applied for upon enrollment in colleges granting articulated credit.
- Students can apply for credit up to two years after graduating.
- District 308 is partnered with Waubonsee Valley Community College and Joliet Junior College.

Articulated Credit Data & Savings



- ❖ In the 2014-15 & 2015-16 school years, OHS students were approved for **273 credit hours of articulated credit** at Waubonsee Community College through Valley Education for Employment System (VALEES) regional articulation agreements in Career and Technical Education program areas **at a cost of \$2,730**.
- ❖ This is a **cost savings of over \$29,000** in WCC tuition!
 - WCC tuition is \$118 per credit hour

Articulated Credit Offerings

- ❖ OHS offers 16 articulated credit courses.
- ❖ 14 are in articulation with Waubensee Community College
- ❖ 2 are in articulation with Joliet Junior College
 - Introductory Horticulture
 - Restaurant Management 2

A full list of classes is available at the Student Services table.

What is Project Lead The Way?



Preparing students for the global economy

- ❖ Engaging, hands-on exploration of various engineering disciplines
- ❖ Opportunity to use industry technology and explore engineering projects that mirror what is seen in the engineering industry
- ❖ Students in PLTW LOVE hands-on projects and creating things!
- ❖ Examples:
 - 3-D Printer
 - Autodesk: CAD Modeling Suite
 - Vex Robotics Equipment



Science • Technology • Engineering • Math

PLTW Data



Preparing students for the global economy

- ❖ More than 150 higher education institutions recruit PLTW students and provide recognition opportunities including:
 - Admissions
 - Scholarships
 - Course credit
- ❖ In 2016, **157 OHS students** took PLTW Assessments in four PLTW classes.
- ❖ A total of **107 students (or 68%)** received a score of **"6" or higher**.
 - PLTW Assessments are scored on Stanine scale (scored 1 - 9).
 - The average score nationally receives a "5", *and scholarships are given at many universities for earning a score of "6" or higher.*



Science • Technology • Engineering • Math

PLTW Offerings



Preparing students for the global economy

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)



Science • Technology • Engineering • Math

Seal of Biliteracy



What: An award from the state saying you are “officially” biliterate.

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

Who: Anyone who can read/write/speak English AND:

Spanish

Chinese

French

German

Italian

Arabic

Portuguese

Russian

Japanese

Benefits of Seal of Biliteracy



- College applications - distinguish self from other applicants
- Scholarship applications - special skills, qualified for more scholarships
- Employment skills - makes you more marketable to employers
- College Credits
 - In-state public universities will be offering many credits for the Seal of Biliteracy
 - Northern Illinois has already committed to offering 12 credits (saves lots of time and money)

Applying for the Seal of Biliteracy

Spring of 2016

- Students who have already announced their intent to pursue the seal will be invited to take a test to assess their language proficiency

Fall of 2017

- Students (freshmen - seniors) will be invited to announce their intent to pursue the seal in the spring of 2018



College, Career, and Life Ready

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, benefitting 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

in the cafeteria

- ★ Stop by the tables in the cafeteria to learn more about college credit 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!