

**Welcome to Hayfield's
2024 Advanced
Academics
Information Night**

**Throughout these slides,
anything that is underlined is
clickable.**



Introductions

Christa Voegtle, Advanced Academics Coordinator 9-12/AP English Language and Composition Teacher

Erik Healey, Director of Student Services

Maggie Daniel, Assessment Coach/AP Testing Coordinator

Brian Oliver, AP Statistics Teacher

Humera Sheikh, AP World History Teacher

Hamza Chaudry, Hayfield Senior

Sofia Cabanas, Hayfield Senior

Ian Hall, Hayfield Senior

Jake Hourcle, Hayfield Senior

Last Year's Course Selection Sheets

Rising 9th Grade

Rising 10th-12th Grade

Skills Students Gain in Advanced Academics

- Critical thinking
- Problem solving
- Creative thinking
- Collaboration
- Effective discussions
- Deeper content knowledge
- Project-based

Honors Courses

*Most courses at Hayfield have an Honors option, including some of our electives



Considerations when Selecting Honors Courses (9th and 10th Grade)

- Adds rigor to your student's schedule
- Prepares students for AP courses
 - Going from Honors to AP is typically a smoother transition, as more skills are covered in Honors, but this is not a requirement for taking an AP course
- Most assessments are timed (to prepare students for AP)
- Students earn a 0.5 (which is added to their overall GPA) per HN course

Considerations when Selecting Honors Courses (11th and 12th Grade)

- Adds rigor to your student's schedule
- Most assessments are not timed
 - Good for students who want to push themselves but don't want to take timed assessments
- Students earn a 0.5 (which is added to their overall GPA) per HN course

Data from a 2019 publication from the National Collegiate Honors Council on the benefits of honors courses in terms of college preparation

Demographics	Honors College	Non-Honors College
Gender		
<i>Male</i>	38%	46%
<i>Female</i>	62%	54%
Age in years	18.0	18.1
Race/ethnicity ^a		
<i>White</i>	37%	37%
<i>African American</i>	5%	10%
<i>Asian American</i>	39%	23%
<i>Latino/a</i>	11%	23%
First-generation students	21%	40%
Parent income	\$64,461	\$85,836
High school GPA	3.52	3.12
AP credits earned	0.76	0.18
ACT composite	28.75	23.32
Writing placement	4.75	3.99
First-term GPA	3.57	2.56
First-year credits earned	30.06	22.45
First-to-second-year retention	96%	77%
Four-year graduation	69%	24%
Six-year graduation	85%	53%

AP Courses



Current AP Courses at Hayfield

AP Language and Composition
AP Literature and Composition
AP Seminar (Research Class)
AP African American Studies
AP Psychology
AP World History
AP US History
AP Government
AP US and Comparative Government
AP French
AP Spanish
AP Latin
AP Japanese

AP Precalculus (AB & BC)
AP Calculus (AB & BC)
AP Computer Science A
AP Statistics
AP Environmental Science
AP Biology
AP Chemistry
AP Physics 1
AP Physics C (Mechanics)
AP 2D Art
AP Drawing

AP Courses Potentially Coming to Hayfield Next Year

- AP Seminar as a replacement for English 10 Honors
 - Being piloted in the county this year at other schools
- AP Human Geography (for 9th-12th grade)
 - Also being piloted at other schools this year

Considerations when Selecting AP Courses

- Preparing students for college-level coursework
 - According to College Board, a 2 on the exam indicates that the student is prepared for the college level
- Most assessments are timed (to prepare students for the AP test)
- Good for learning highly specific content and skills
 - A further push beyond Honors
- Students earn a 1.0 (which is added to their overall GPA) per AP course
- According to studies done by College Board, there is no research indicating that more than 5 AP courses will result in better performance in college courses

Considerations when Selecting AP Courses

- Most colleges will award credit for a 4 or 5 on the AP exam, but it is highly dependent upon the college/university
 - Use the [AP Credit Policy Search](#) and information from each college/university's admissions office
- Even if students don't earn the college credit, these courses are teaching them how to think more critically and on their feet
- Students should take AP courses for subjects in which they're interested and/or in which they've demonstrated strengths
- Counselors will be given access to our AP Potential report from College Board
 - Based upon PSAT data—helps predict **potential** student success in various AP courses

AP Exam Fee Information

FCPS Exam Fees Page

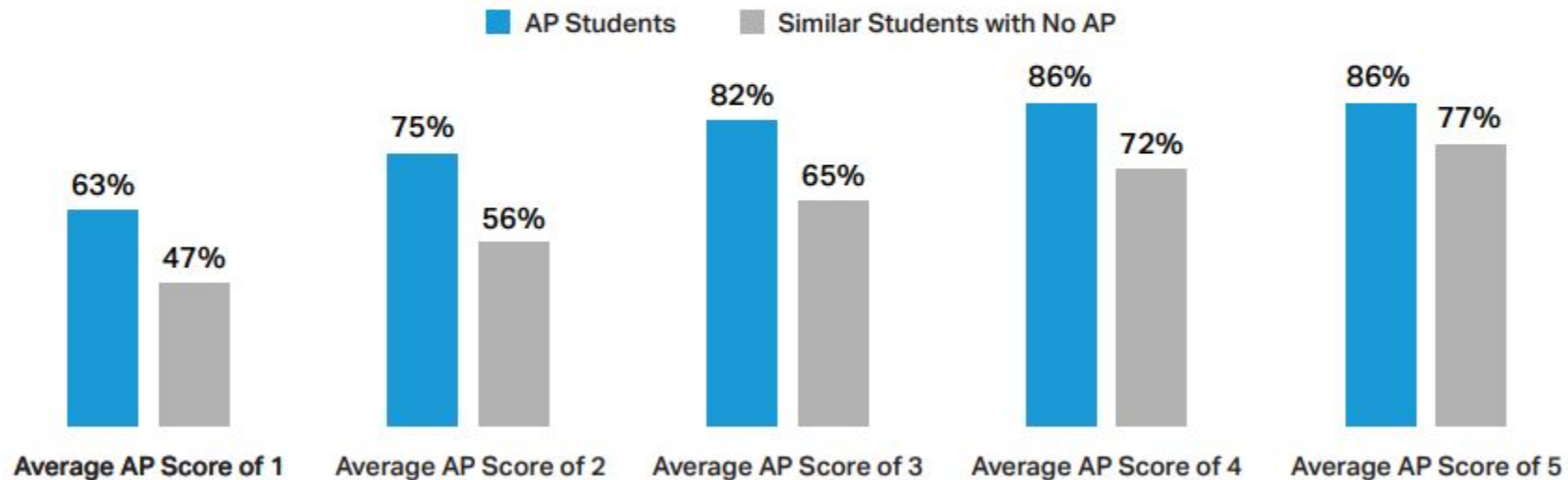
- Opt-out forms are due by October 31st. Students must choose to opt out before the deadline, or they may owe a fee if they don't test.
- First 6 AP exams are paid for by FCPS
- Exam 7+ cost \$99 per test (pay in MySchoolBucks)

Some College Board Data...

FINDING #1: COLLEGE ENROLLMENT

AP students, including those with average scores of 1 or 2, are more likely to enroll in a four-year college compared to academically similar students who did not take AP in high school. AP students who average scores of 1 or 2 on their AP Exams are 16 and 19 percentage points, respectively, more likely to enroll in a four-year college than academically similar peers who did not take AP.

FOUR-YEAR COLLEGE ENROLLMENT PROBABILITIES, BY AVERAGE AP SCORE



NOTES: Probability of enrollment immediately after high school graduation is calculated for 1,560,229 students who graduated high school in 2017. Probabilities are calculated separately for the average student in each AP score sample conditional on gender, ethnicity, first-generation status, SAT score, and HSGPA.

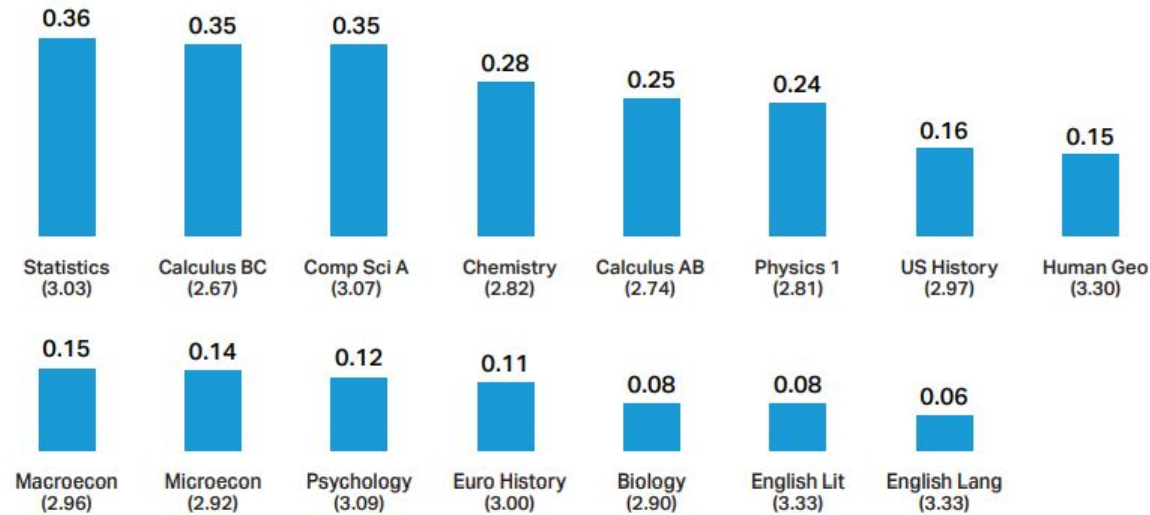
Some College Board Data...

FINDING #2: COLLEGE READINESS

Students who earn AP scores of 2 are well prepared to succeed in introductory college coursework.

Compared to academically similar college peers who did not take the AP course, AP students who earn scores of 2 perform as well or better when they take those introductory college courses. For example, students taking Introductory Statistics in college who did not take AP Statistics earn, on average, a course grade of 3.03 in Introductory Statistics (see value in parentheses under horizontal axis label), while students with a score of 2 on the AP Statistics Exam earn, on average, a course grade of 3.39 in Introductory Statistics: a 0.36 boost in course grade.

COURSE GRADE DIFFERENCE IN INTRODUCTORY COLLEGE COURSES AMONG AP STUDENTS SCORING A 2 RELATIVE TO ACADEMICALLY SIMILAR COLLEGE STUDENTS



NOTES: Data for these analyses come from a sample of students who enrolled in one of 171 four-year colleges. Numbers in parentheses below the horizontal axis labels provide mean grade point averages for the students who did not take the AP Exam. All findings are statistically significant at alpha 0.10. Sample sizes range from 1,717 to 76,378 depending on the subject. AP subjects not listed had small sample sizes that prevented reporting, statistically insignificant results, or were recently redesigned. Results are based on regression models controlling for first-generation and underrepresented minority status, gender, SAT score, and HSGPA. A non-AP student in this analysis is defined as a student who did not take the AP Exam of interest. Non-AP students could have completed other AP Exams.

DE Courses



Considerations when Selecting DE Courses




- Adds rigor without the pressure of timed exams
 - Can earn college credit as long as they pass the class with at least a C
 - High school credit through FCPS, college credit through NVCC
 - It's important to note that the credits do not always transfer between NVCC and a 4-year college/university. Additionally, students may have to take additional courses once they get to college to receive credit.
- DE classes work well for students who already know which college they want to go to and what they want to study.
- Counselor helps coordinate
 - No cost currently for the courses
 - Students must qualify for the course
 - Students earn a 1.0 (which is added to their overall GPA) per DE course

Considerations when Selecting DE Courses

- Good for students who are more self-directed
 - In-person DE classes at Hayfield: English 12 DE, USVA Gov DE, Entrepreneurship DE, Early Childhood DE
 - Other courses meet online once a week; the rest of the week is time for students to complete assignments.
- Students who succeed in online DE courses generally:
 - Self-advocate
 - Are independent
 - Manage their time well
 - Have strong study skills
 - Meet deadlines

DE & Future Success

This data (from 2017) is from an article published by the Institute of Education Sciences.

Outcome domain 	Effectiveness Rating 	Grades	Evidence Tier 
Access and enrollment		9-12	TIER 1 STRONG
Attainment		9-12	TIER 1 STRONG
Attendance (high school)		9-12	TIER 3 PROMISING
College Readiness		9-12	TIER 3 PROMISING
Completing school		9-12	TIER 1 STRONG
Credit accumulation		9-12	TIER 1 STRONG
General academic achievement (college)		9-12	NO TIER ASSIGNED
General academic achievement (high school)		9-12	TIER 1 STRONG
Staying in School		9-12	TIER 3 PROMISING

Data from the National Alliance of Concurrent Enrollment Partnerships

9 OUT OF 10 HIGH SCHOOLS
OFFER COLLEGE COURSES



INCREDIBLE STUDENT IMPACT

Students completing college courses in high school are more likely to:

- Graduate high school
- Go to college
- Stay in college
- Complete a degree



CONCURRENT ENROLLMENT IS THE MOST
COMMON COURSE DELIVERY MODEL



86%

take college courses
at a high school



17%

take college courses
on a college campus

A POWERFUL EQUITY LEVER



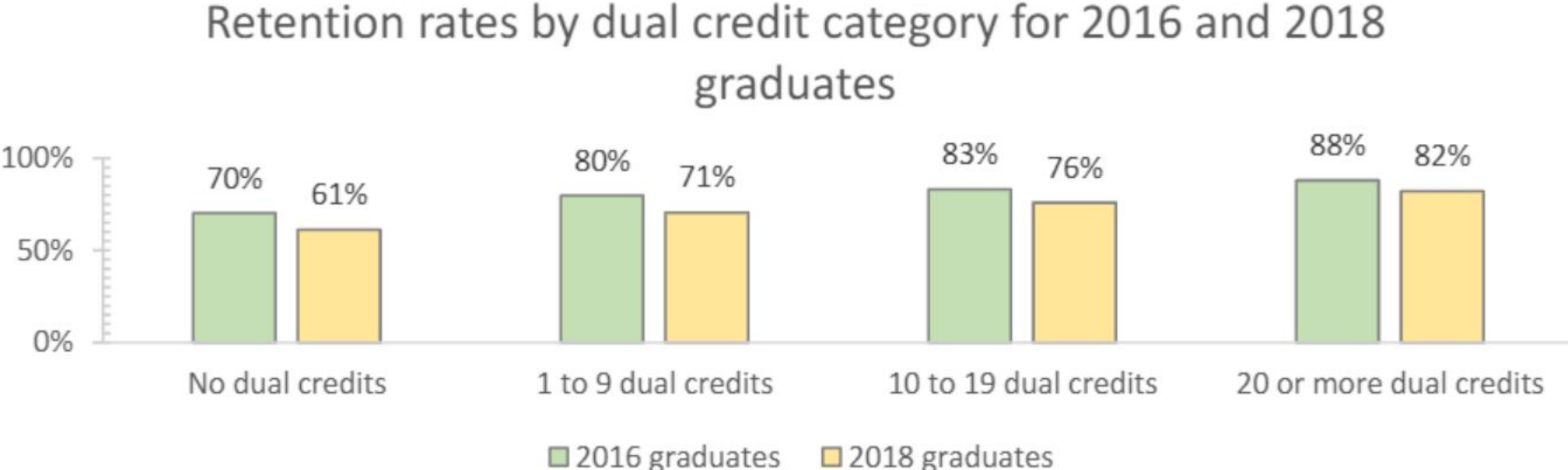
Students from low-income backgrounds and participate in dual and concurrent enrollment are 10-30% more likely to go to college than their non-participating peers.

Students in majority-minority school districts that participated in dual/concurrent enrollment were **32-56% more likely to go on to college** after high school than non-participating students in the same school district.

Note: Concurrent enrollment is different from dual enrollment but has a similar reasoning behind it in that students earn college credit.

Data from the Idaho Board of Education (2019)

Figure 15: Second year retention rates by number of dual credits earned at high school graduation for those who go on in the fall after high school graduation, 2016 and 2018 graduates



Concurrent Enrollment

Students take a college course in a college campus—similar to DE, but students have to get permission from the school to get high school credit.



Supporting Students in Advanced Academics

- Advanced Academic Seminar: extra study hall in the library—student must be enrolled in at least 3 AP courses
- Hawk Writing Center: **free** peer tutoring (writing focused)—open during all white day lunches
- Honor Society Tutoring: **free** peer tutoring by Honor Society students in all subjects—after school on Wednesdays 3:00–4:30 in Ms. Feilen’s room (2403)
- Varsity Tutors: **free** tutoring resource paid for by FCPS

Additional Resources Specific to AP

- [Advanced Placement YouTube Channel](#)
- [2025 AP Exam Dates](#)

Q & A

Contact Information:

Christa Voegtle (cdvoegtle@fcps.edu): general questions about advanced academics

Erik Healey (ejhealey@fcps.edu): questions about course registrations/requirements

Maggie Daniel (medaniel@fcps.edu): questions about testing

