

David Brearley High School

PATHWAYS TO GRADUATION

Understanding the Options: A Guide for Student and Parents

Table of Contents

Graduation Requirements	2
Options	
Option I – Traditional Path of Studies	2
Option II – Alternative Path	2
Course Levels	3
Grade Prerequisites	3
Option I	
Course Sequence Chart	4
Elective Course Offerings	5
Course Registration and Option II Application Process	7
Option II Opportunities	
College Course Work for High School Credit	7
Online or Distance Learning	7
Steps to Approval	7
Application Process	8
Deadlines	8
Procedures	8
VHS Course Offerings	9
Abbreviated Schedule	
Procedure	11
Deadlines	11

Graduation Requirements

In order for a student to graduate and receive a high school diploma from David Brearley High School, he/she must:

- Class of 2014 must fulfill the following minimum 155 credit graduation requirement

English	At least 20 credits; one per year
Mathematics	At least 20 credits
Science	At least 15 credits
World History	At least 5 credits
United States History	At least 10 credits
World Language	At least 5 credits
Health and Physical Education	At least 5 credits per year enrolled
Fine Arts	At least 5 credits
21 st Century Life & Careers	At least 5 credits
Practical Arts	At least 5 credits
Information Processing	At least 2.5 credits
Personal Finance	At least 2.5 credits
Electives	At least 40 credits
Total Minimum Credit Requirement	155

- Class of 2015 and on must fulfill the following minimum 120 credit graduation requirement

English	At least 20 credits; one per year
Mathematics	At least 15 credits
Science	At least 15 credits
World History	At least 5 credits
United States History	At least 10 credits
World Language	At least 5 credits
Health and Physical Education	At least 5 credits per year enrolled
Fine Arts	At least 5 credits
21 st Century Life & Careers	At least 5 credits
Financial Literacy	At least 2.5 credits
Information Processing	At least 2.5 credits
Electives	At least 15 credits
Total Minimum Credit Requirement	120

- Pass the New Jersey high school assessment tests

New Jersey Biology Competency Test (NJBCT)	Students enrolled in Biology
High School Proficiency Assessment (HSPA)	All juniors
Alternative High School Assessment (AHSA)	Seniors who did not pass the HSPA

Options

A student may meet the credit requirement through one or a combination of options or pathways that follow.

I. Option I (Traditional Path of Studies)

A student earns credits by successful completion of the required courses above. Credits are awarded for student participation in a class period of instruction. This is called "in-the-seat" class time. A class that meets routinely for one 40 minute period for a full year yields 5 credits.

II. Option II (Alternative Path)

This option permits a student to earn credits in a more personalized and independent manner – rather than "in-the-seat." Option II offers alternative paths to credits that meet or exceed the Core Curriculum Content Standards and are based on student interest or career goals. Examples included independent studies, distant or online learning, successful completion of an accredited college course, and successful completion of an accredited high school course taken outside of DBHS. Option II requires an application and pre-approval from the principal to ensure that student achievement meets or exceeds the standards. Before credits can be awarded, students must pass appropriate assessments.

Course Levels

Honors Courses

Honors courses are enriched; they offer the same material as a regular class but in greater depth and with a faster pace. Honors courses emphasize critical and independent thinking to produce creative application of ideas.

Advanced Placement Courses

AP Classes are college-level courses and exams. Students will engage in intense discussions, solve problems collaboratively, and learn to write clearly and persuasively. Students are required to take an AP Exam at the end of each course and must pay the cost of the exam.

Grade Prerequisites

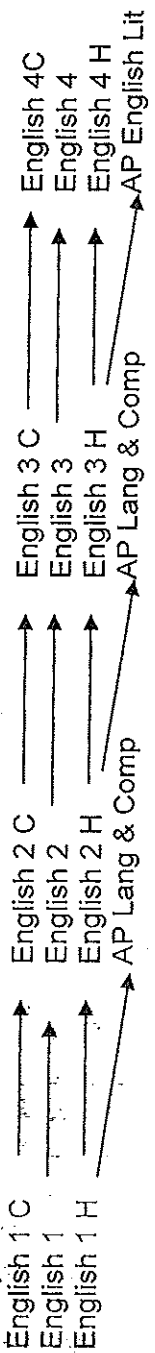
Grade Requirements

Students who desire to enroll in Honors or Advanced Placement (AP) courses must meet the following criteria:

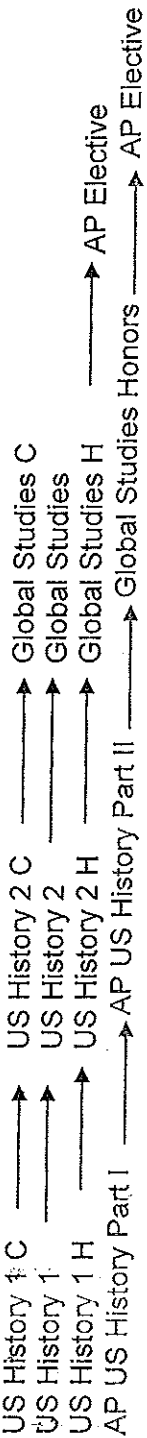
<u>Currently Enrolled In</u>	<u>Would Like to Enroll In</u>	<u>Grade Needed</u>
Academy	Academy	92
Honors	Honors	85
Honors	Advanced Placement	88
Regular	Honors	90
Regular	Advanced Placement	95
Regular	Core	65-72 Partially Proficient
Core	Core	Partially Proficient

COURSE SEQUENCE CHART

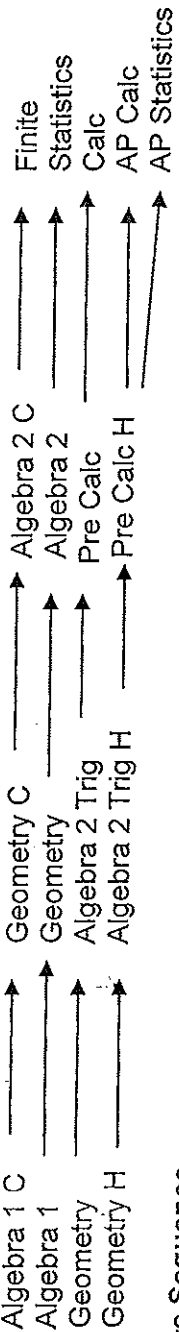
English Sequence



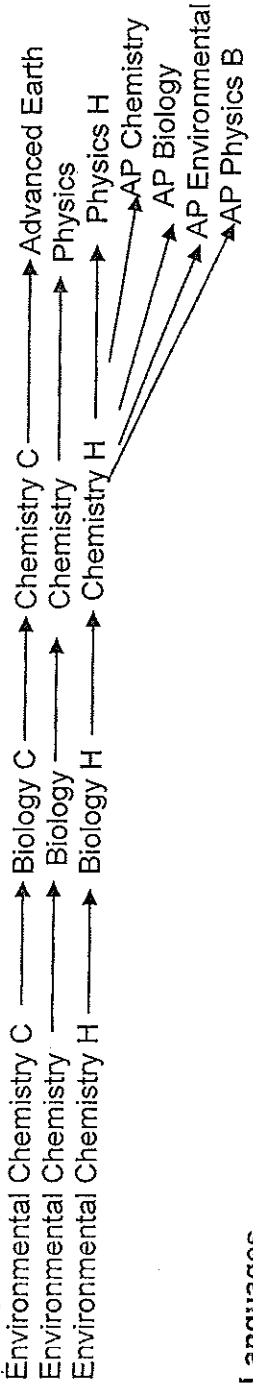
History Sequence



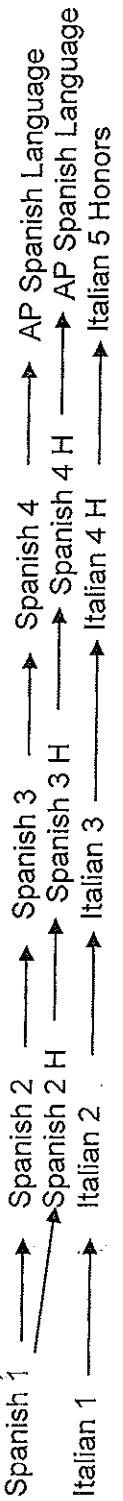
Mathematics Sequence



Science Sequence



World Languages



Academy Sequence

- Grade 7 – English 7 Honors Academy, Algebra 1 Honors Academy, Science 7 Honors Academy, World History Honors Academy
- Grade 8 – English 8 Honors Academy, Geometry Honors Academy, Science 8 Honors Academy, US History Honors Academy
- Grade 9 – English Honors Academy; Algebra 2 Trig Honors Academy, Physics Honors Academy, AP US History Part 1
- Grade 10 – AP English Language and Composition, PreCalc Honors Academy, Environmental/Chemistry Honors Academy, AP US History Part II

ELECTIVE COURSE OFFERINGS

Business Education			
Information Processing	9	½ year class with Personal Finance	Required for Graduation
Personal Finance	9	½ year class with Personal Finance	Required for Graduation
Introduction to Business	9, 10		
Business Management	11, 12	½ year class with Entrepreneurship	
Entrepreneurship	11, 12	½ year class with Business Management	
Accounting I	10, 11, 12		
Accounting II	11, 12		Prerequisite – Accounting 1
Computer Science			
AP Computer Science A			VHS, AP Exam required
English			
AP English Language and Composition	10, 11		VHS, AP Exam required
Fine Arts			
Drawing	10, 11, 12		Prerequisite – Drawing
Cultural Crafts	10, 11, 12		Prerequisite – Drawing, Teacher Recommendation
Painting	10, 11, 12		Prerequisite – Drawing
Advanced Painting	10, 11, 12		Prerequisite – Printmaking and Ceramics, Teacher Recommendation
Printmaking and Ceramics	10, 11, 12		Prerequisite – Drawing
Advanced Art Beyond the Classroom Recommendation	11, 12		Prerequisite – Printmaking and Ceramics, Teacher Recommendation
Advanced Open Studio	11, 12		Teacher Recommendation ONLY
AP Art History	11, 12		VHS, AP Exam required
Humanities			
Introduction to Criminal Justice	10, 11, 12		
Holocaust / Genocide	11, 12		
Military History of the United States	10, 11, 12		
Psychology	11, 12	½ year class with Sociology	
Sociology	11, 12	½ year class with Psychology	
AP Psychology	11, 12		AP Exam required
AP Micro Economics	11, 12		VHS, AP Exam required
AP Macro Economics	11, 12		VHS, AP Exam required
Mathematics			
AP Statistics	11, 12		VHS, AP Exam required
AP Calculus BC	12		VHS, AP Exam required

Performing Arts		
Music Appreciation	9, 10, 11, 12	
Band	9, 10, 11, 12	
Chorale	9, 10, 11, 12	
Concert Choir	9, 10, 11, 12	
Theater Appreciation	9, 10, 11, 12	Prerequisite – Chorale, Teacher Recommendation
Drama	9, 10, 11, 12	
Practical Arts		
Creative Writing	9, 10, 11, 12	
Yearbook	10, 11, 12	
Web Design	10, 11, 12	
Graphic Design	10, 11, 12	
Image and Photography I	10, 11, 12	
Image and Photography II	11, 12	Prerequisite – Image and Photography I
Computer Programming from A-Z	10, 11, 12	
The Comp TIA A+ Literacy	10, 11, 12	Comp TIA A+ certification test required
Science		
AP Biology	11, 12	VHS, AP Exam required
AP Chemistry	11, 12	VHS, AP Exam required
AP Environmental Science	11, 12	VHS, AP Exam required
AP Physics B	12	VHS, AP Exam required
Advanced Earth	12	
Social Studies		
AP World History	10, 11, 12	VHS, AP Exam required
AP Government and Politics: US	11, 12	VHS, AP Exam required
World Languages		
Italian 1	9, 10, 11, 12	
Italian 2	9, 10, 11, 12	
Italian 3	9, 10, 11, 12	
Italian 4 Honors	9, 10, 11, 12	
Italian 5 Honors	9, 10, 11, 12	
Spanish 1	9, 10, 11, 12	
Spanish 2	9, 10, 11, 12	
Spanish 2 Honors	9, 10, 11, 12	
Spanish 3	9, 10, 11, 12	
Spanish 3 Honors	9, 10, 11, 12	
Spanish 4 Honors	9, 10, 11, 12	
AP Spanish Language	9, 10, 11, 12	AP Exam required

Course Registration and Option II Application

Course registration and Option II application are related but different procedures.

Registration: A student interested in applying for Option II must participate in the traditional course registration at high school by following the timeframe put forth in the David Brearley High School Course Catalog. This ensures that the student has been enrolled in the courses of his/her choosing and does not risk the student being closed out of a desired or needed course. The period for course registration is generally January – February.

Option II Application: Then, following the timeframe set forth in this *Pathways for Graduation Guide*, a student would apply for Option II. If approved, the student's schedule will be adjusted accordingly. There are timelines for Option II Application – with very firm deadlines.

Option II Opportunities

I. **College Course Work for High School Credit (grades 11-12)**

High school students may choose to enroll in college level work at an accredited college or university for both college and high school credit (called dual credit).

Purpose: Taking college course work while in high school enables a student to begin post-secondary study in an interest area or in a potential career path while simultaneously meeting the high school graduation requirements.

Participating Institutions: Union County Bridge Program

Cost: Parents/students are to assume responsibility of the tuition as set by the college/university.

Transportation: Parents/students are to assume transportation responsibilities.

Application Process: Course of study from accredited institution must be attached to the Option II Application; a separate application is required for participating colleges/universities.

Prerequisite: Students must have a B average and meet the minimum SAT Scores requirements (540 Critical Reading; 530 Math)

Proof of Experience: Course of study from accredited institution; transcript

Assessment: Student must successfully pass the end of course assessment as required by the college/university.

Grading:

- Grade is recorded.
- Credits are counted toward graduation requirements (3-credit college course = 5 credit high school course).
- Course and grade are listed on student's transcript.
- Grade is not included in GPA.

II. **Online or Distance Learning (grades 9-12)**

Online or distance learning courses may be taken from an accredited institution.

Purpose: Taking online courses enables a student to take courses that are not currently offered at DBHS.

Participating Institutions: Virtual High School

Application Process: Course of study from Virtual High School must be attached to the Option II Application; teacher recommendation is required; Virtual High School Coordinator approval required

Proof of Experience: Course of study from VHS; transcript; final exam

Assessment: Student must successfully pass the end of course assessment as required by Virtual High School.

Grading:

- Grade is recorded.
- Credits are counted toward graduation requirements.
- Course and grade are listed on student's transcript.
- Grade is included in GPA.

Steps to Approval

Eligibility (with NO exceptions)

- Option II opportunities only apply to specific grade levels.

- Option II only occurs after 8th grade.
- Option II applicants must meet all published dates and deadlines.
- Option II must be pre-approved.
- Applications must have all required signatures.

Application Process

Students who plan on pursuing credits outside the traditional DBHS program must submit the Option II Application to the Supervisor of Guidance. Application forms may be obtained from the school counselors or online at the Counseling Department's home page at www.kenilworthschools.com. The Credit Committee will review the application and make a decision based on the student's rationale and the criteria outlined.

Deadlines

If your proposed course work will take place in:	Your application is due on:	You will be notified by:	You must submit your proof of experience by:
School Year 2013-2014	March 1, 2013	April 2013	June 15, 2014

Procedures

1. The student completely fills out the application, attaches any additional information that will assist in the decision making process, obtains all required signatures, and returns the application to his/her school counselor prior to the due date.
2. The counselor checks the paperwork, discusses the application with the student, and forwards the materials to the Supervisor of Guidance.
3. The Supervisor of Guidance sets a date for the Credit Committee and informs the members.
4. The Principal, with the Credit Committee, examines the application based on the student's rationale and the criteria outlined in the instructions.
5. The Principal's secretary sends notification of the decision (approval/disapproval) to the student and parent/guardian, and notifies the assistant superintendent. A student may appeal the decision.
6. If approved, the student completes the work during the time specified above. The student provides the Supervisor of Guidance with the proof of experience by the dates indicated.

Virtual High School Course Offerings for 2012-2013

The VHS Collaborative offers a full catalog of semester and full year core, honors, elective, Advanced Placement® credit recovery, summer school, and middle school-level online courses. Many of our high school courses are also appropriate for Gifted & Talented middle school students. Our co-synchronous courses engage students in global online classrooms and prepare them for college and careers in the 21st century.

Advanced Placement

- AP® Art History*
 - AP® Biology**
 - AP® Calculus BC*
 - AP® Computer Science A*
 - AP® Economics: Micro and Macro*
 - AP® English Language and Composition*
 - AP® Environmental Science*
 - AP® European History*
 - AP® French Language and Culture*
 - AP® Government & Politics: U.S.*
 - AP® Music Theory*
 - AP® Physics B*
 - AP® Physics C*
 - AP® Statistics*
 - AP® U.S. History*
 - AP® World History*
- Arts**
- American Popular Music*
 - AP® Art History*
 - AP® Music Theory*
 - Art History: Renaissance to Present
 - Art History: Art of the Caribbean Islands
 - Creating Art History*
- Business and Personal Law**
- History and American Pop Music*
 - History of Photography
 - Music: Listening and Critique*
 - Music: Fundamentals of Composition
- Business**
- Business and Personal Law
 - Business Math
 - Entrepreneurship*
 - International Business
 - Investing in the Stock Market
 - Learning to Invest in the Stock Market
 - Marketing and the Internet
- Foreign Language**
- AP® French Language and Culture*
 - Chinese I A*
 - Chinese I B*
 - Chinese II A*
 - Chinese II B*
 - French I A*
 - French I B*
 - French II A*
 - French II B*
 - French III A*
 - French III B*
 - French IV A*
 - French IV B*
- French Language and Culture**
- German I A*
 - German I B*
 - German II A*
 - German II B*
 - German III A*
 - German III B*
 - German Language and Culture
 - Italian Language and Culture
 - Latin 1*
 - Latin 2*
 - Mandarin Chinese Language and Culture
 - Portuguese I*
 - Russian Language and Culture
 - Spanish Culture and 20th Century Hispanic Literature
- Language Arts**
- 101 Ways to Write a Short Story
 - Academic Writing*
 - AP® English Language and Composition*
 - Bad Boys in Literature
 - Blogs, Wikis and Web Tools
 - Contemporary Irish Literature*
 - Great Writing
 - Now What Will You Do?: Life After High School
 - Parenting in the 21st Century
 - Screenwriting Fundamentals*
 - Young Adult Literature: Issues in Tolerance and Diversity*

Course offerings are subject to change. For current offerings and complete course descriptions, visit our website at TheVHSCollaborative.org.

French Language and Culture

- German I A*
- German I B*
- German II A*
- German II B*
- German III A*
- German III B*
- German Language and Culture
- Italian Language and Culture
- Latin 1*
- Latin 2*
- Mandarin Chinese Language and Culture
- Portuguese I*
- Russian Language and Culture
- Spanish Culture and 20th Century Hispanic Literature

Language Arts

- 101 Ways to Write a Short Story
- Academic Writing*
- AP® English Language and Composition*
- Bad Boys in Literature
- Blogs, Wikis and Web Tools
- Contemporary Irish Literature*
- Great Writing
- Now What Will You Do?: Life After High School
- Parenting in the 21st Century
- Screenwriting Fundamentals*
- Young Adult Literature: Issues in Tolerance and Diversity*

Advanced Placement and AP are registered trademarks of the College Board.

Cultural Identity Through Literature

- English Literature*
- Essay Writing
- Fantasy and Science Fiction Short Stories
- Film and Literature: The European Experience
- Folklore and Literature of Myth, Magic and Ritual
- Ghoules, Ghosts and Long-Legged Beasts*
- Global Perspectives in Literature Honors
- Horror Writers: Edgar, Allan Poe and Stephen King
- Introduction to Advanced English Literature*
- Jouralism in the Digital Age*
- Literary Skills for the 21st Century*
- Literature of the World
- Poetry Reading and Writing
- Poetry Writing
- Screenwriting Fundamentals*
- Twentieth Century Women Authors
- Young Adult Literature: Issues in Tolerance and Diversity*

Life Skills/Health

- Career Awareness*
- Employability Skills for the 21st Century*
- Kindergarten: Apprentice Teacher
- Now What Will You Do?: Life After High School
- Parenting in the 21st Century

Perspectives in Health

- Biotechnology
- Credit Recovery Biology*
- DNA Technology
- Epidemics: Ecology or Evolution
- Evolution and the Nature of Science
- Genes and Disease
- Preventative Medicine
- The Human Body
- Mathematics
- Algebra I*
- Algebra II*
- Calculus AB*
- Calculus BC*
- AP® Statistics*
- Geometry*
- Geometry and Algebra Applications
- Introduction to Calculus A/B*
- Introduction to Statistics*
- Math and Modern Logic
- Math You Can Use in College
- Mathematics of Electricity: Careers in Electric Power*
- Number Theory: Patterns, Puzzles and Cryptography*

Science-General

- AP® Environmental Science*
- Astronomy Principles
- Earth Science A*
- Earth Science B*
- Engineering for Sustainable Energy
- Engineering Principles
- Environmental Science*
- Environmental Science Honors
- Forensic Science
- Meteorology: A Study of Atmospheric Interactions*
- Oceanography: A Virtual Semester at Sea
- Physical Science A*
- Physical Science B*

Science-Biology

- Anatomy and Physiology: A Study in Stability
- Animal Behavior and Zoology
- AP® Biology**
- Bioethics

Science-Physics

- AP Physics B*
- AP Physics C*
- Introduction to Physics B*
- Nuclear Physics: Science, Technology and Society

Social Studies

- American Government A*
- American Government B*
- AP Economics: Micro and Macro*
- AP European History*
- AP Government & Politics: U.S.*
- AP U.S. History*
- AP World History*
- Arts and Ideas: The Best of Western Culture
- Constitutional Law
- Contemporary Issues in American Law and Justice
- Criminology*
- Democracy in the U.S.*
- Eastern and Western Thought
- Film and Literature: The European Experience
- Media & Society
- Introduction to Economics*
- Introduction to Government*
- Lewis and Clark's Expedition: An Interactive Journey*
- Math and Modern Logic
- Modern Middle East

- Full Year Course
- VHS is qualified through the AP Course Audit to label these courses "AP"
- Appropriate for both High School and Gifted and Talented Middle School Students
- Courses available through Connections Learning
- Pending audit approval from the College Board

Peacekeeping

- Pearl Harbor to the Atomic Bomb: The Pacific War, 1941-1945
- Philosophy I
- Practical Law: What You Need to Know About the Law
- Psychology I*
- Psychology of Crime
- Sociology*
- Sports and Society
- The Glory of Ancient Rome
- The Golden Age of Classical Greece
- The Holocaust*
- The Vietnam War
- U.S. History: Colonial America, 1877*
- U.S. History: 1877-Present
- U.S. Foreign Policy: 1945-Present
- Who Do I Want To Be When I Grow Up?*
- World Conflict, a United Nations Introduction
- World History A*
- World History B*
- World Religions

Technology/Tech Ed.

- Advanced Web Design*
- AP Computer Science A*
- Blogs, Wikis, and Web Tools
- CAD*
- Computational Science and Engineering Using Java
- Creating Effective PowerPoint Presentations*
- Desktop Publishing: In an Information Age*
- Engineering for Sustainable Energy

Technology/Tech Ed. (continued)

- Engineering Principles
- Introduction to Computer Science*
- Journalism in the Digital Age*
- Programming in Visual Basic*
- Video Game Design and Development Using Game Maker*
- Web Design and Internet Research*
- Web Design: Artistry and Functionality*
- Middle School Level
- MS Business Foundations
- MS Civics: When You Rule the World
- MS Creative Writing
- MS Engineering: Up-UpDown Away!
- MS Number Theory: People, Patterns and Puzzles
- MS Pre-Algebra
- MS Society and Humanity
- MS The Teenage Brain: What's Going On In There?
- MS World War II Through the Eyes of Dr. Seuss*

• Full Year Course

- VHS is qualified through the AP Course Audit to label these courses "AP"
- Appropriate for both High School and Gifted and Talented Middle School Students
- Courses available through Connections Learning
- Pending audit approval from the College Board

- Summer Offerings
- Algebra I & Algebra 2
- Basic Chemistry
- Biology
- English 11
- English 10
- English 9
- English Literacy Skills: Short Stories
- English Literacy Skills: The Novel
- Geometry
- Government
- Health
- Planning for College
- Pre-Algebra/Algebra Preparation
- U.S. History: 1877-Present
- U.S. History: Colonial America 1877
- Video Game Design using GameMaker Part 1 & Part 2
- Credit Recovery
- Credit Recovery Algebra I
- Credit Recovery Biology
- Credit Recovery English 11
- Credit Recovery English 10
- Credit Recovery English 9
- Credit Recovery Geometry



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* Students must take in-house classes prior to taking the virtual course.

Abbreviated Schedules

Seniors may request to have the opportunity to have an abbreviated schedule if they are academically on target for June graduation. Counselors can provide students with the required application.

Abbreviated schedules are designed to allow to students to take Carnegie unit classes to fulfill graduation requirements; electives courses and those elective classes selected by students may not be offered when students opt for an abbreviated schedule.

Procedure

Students have been informed of the following rules governing this change in school procedure.

- Scheduling of pupils cannot be done to accommodate those wanting a late arrival/early dismissal. Only those students whose schedule happens to produce elective offerings at the beginning/ending of the day can be given this option.
- Students who have not taken or have taken and not passed the HSPA, must enroll in the AHSA course which is offered only during period 5.

Deadlines

Your letter is due on:	You will be notified by:
March 1, 2013	May 1, 2013

