



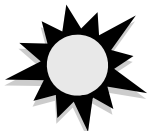
# Summer School Offerings

Mrs. Jodi M. Bryant  
 Summer School Principal  
 Ext. 5604

## Summer School Calendar June 13 – July 22, 2011

Semester 1: June 13 – July 1  
 8:00 a.m. – 12:50 p.m.

Semester 2: July 5 – July 22  
 8:00 a.m. – 12:50 p.m.



**Registration begins:**  
**Date: Saturday, Feb. 5th**  
**Time: 8:00 a.m.- 1:00 p.m.**  
**Place: North Building**  
**Student Cafeteria**

**Registration continues**  
**throughout the spring until all**  
**classes are filled, or until the**  
**first day of class.**

**Please note that Driver Education**  
**registration takes place in March.**

Course registration for Summer School 2011 will be facilitated according to the following procedures:

1. Students and parents should review the course offerings, and complete the summer school enrollment form included in the 2011-2012 registration packet.
2. **It is the student's responsibility to complete the process by attending Summer School Registration on Saturday, February 5th, 2011 in order to register and pay for the class selected.**
3. Payment must be made at time of registration.
4. Most sections are limited, and will be filled on a **first-come, first served basis**.
5. Payment establishes a seat in the class; sections will be filled as payments are received. There is no guarantee that all students who express interest in Summer School will be enrolled.
6. Course level changes will not be made once a student has finalized enrollment in a class. Requests for selected teachers will not be honored.
7. Final exams are administered on specific, pre-determined dates that coincide with the last day of each semester. Individual arrangements will not be made.

### Tuition

Tuition is \$175.00 for each semester (.5 credit). For a course equivalent to one year's credit (both semesters, 1 credit) tuition is \$350.00, **of which \$40 is a non-refundable registration fee.** In addition, the following course fees apply:

Biology	\$20.00	Chemistry	\$20.00	English	\$10.00
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### Refund Policy

**Refunds**, or partial refunds, **will NOT be issued after May 13, 2011** unless a summer course is cancelled. Requests for refunds for either summer semester should be made **prior** to May 13, 2011, and sent **in writing** to the Summer School Principal, Jodi Bryant. If approved, the requested refund, less the \$40 registration fee, will be sent to the Business Office for processing.

### Bus Transportation

Bus transportation will be available to district residents at an **additional charge of \$47.50 per semester**, or \$95.00 for the six-week term. Arrangements can be made at registration, or anytime before May 13, 2011. Bus schedules will be mailed home prior to the first day of class. Bus pass ID pictures will be taken the first week of summer school.  
**No refunds will be made after May 13, 2011.**

### Attendance

Summer school is provided for students who seek additional learning opportunities. Since summer courses are a concentrated version of courses offered during the year, **regular attendance is mandatory**. Also, please note: special arrangements to make up final exams for students who miss the last day of the semester will NOT be made. Final exams will be given on the assigned date only.

A student who is absent more than two full days in a semester, **regardless of the reason**, will be dropped from that course. Students are allowed 12 attendance points. Points are accrued from absences and tardies. Any student who exceeds the 12 points will be removed from Summer School. Point totals are determined as follows:

Full day absence = 6 points, arrival between 8am and 8:10 = 1 point, arrival between 8:11 and 9am = 2 points, arrival after 9am = 3 points, arrival after break = 6 points, tardy from break 1-5 minutes = 1 point. There will be no refund for removal due to attendance reasons.

### Discipline

There are no suspensions or other discipline interventions during Summer School. Any act of gross misconduct or gross insubordination will result in removal from the Summer School program. Repeated acts of insubordination or disruption will also result in removal from the Summer School program. There will be no refund for removal due to disciplinary reasons.

### Reclassified Criteria

Students who have been reclassified and wish to take a repeat course without having first failed the course will be evaluated for eligibility on an individual basis. A transcript review will be conducted. Students who sign up for a course and who do not meet the criteria will be withdrawn from the course with a full refund. Please call Jodi Bryant at 335-5604 for questions related to eligibility.



**Summer School - Registration is on Saturday, February 5th, 2011 from 8am-1pm in the North Building Student Cafeteria.**

**Applied Academics**

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**Word Processing & Microsoft Suite Applications**      **5337**  
 Level: College Prep  
 Open To: Fr, Soph, Jr, Sr  
 Length: Semester  
 Credit: .5

Word Processing is an essential skill for anyone planning to use a computer for any reason. This course is designed to develop both personal and vocational skills. It involves mastery of the keyboard and computer commands; development of correct techniques; building speed and accuracy on the keyboard; developing proofreading skills; and formatting of letters, memorandums, reports, outlines, and tables. The course will help anyone that already has basic skills to improve both their speed and accuracy which relates directly to their success in using a computer. Each student will have the opportunity to work with computer keyboarding techniques for use in high school, college, personal use, and in a future career.

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**English**

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**English I**      **0023**  
 Level: College Prep  
 Open To: **Repeat/Reclassified only**  
 Length: Year  
 Credit: .5 each semester  
 Lab Fee: \$10.00

This course is intended for students who must repeat English I. It focuses on fundamental reading, writing (including grammar), and thinking skills. Reading experiences focus on an introduction to a number of literary elements. Writing experiences include personal narratives, inductive and deductive reasoning, comparison and contrast essays, and paraphrasing and summarizing.

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**English II**      **0062**  
 Literature and Composition  
 Level: College Prep  
 Open To: **Repeat/Reclassified only**  
 Length: Year  
 Credit: .5  
 Lab Fee: \$10.00

This course is intended for students who are entering their third or fourth year of high school but have not yet earned credit in *English II*. It refines the fundamental reading, writing (including grammar), and thinking skills worked with at the freshman level. In their reading of fiction, poetry, and non-fiction, students sharpen their ability to formulate insightful questions to aid their comprehension. Writing experiences include writing poetry, literary analysis, structuring comparison and contrast essays, and paraphrasing and summarizing. Students identify rhetorical elements in their reading of expository and argumentative essays and then address these same rhetorical issues in preparing speeches to serve different purposes and audiences. Informative and argumentative speeches involve research, during which students learn how to locate, evaluate, and properly cite both primary and secondary sources.

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**English III**      **0320**  
 American Lit and Composition  
 Level: College Prep  
 Open to: **Repeat/Reclassified only**  
 Length: Year  
 Credit: .5 each semester  
 Lab fee: \$10.00

This course is intended for students who are entering their fourth year of high school but have not yet earned credit in a junior level English course. It hones the reading, writing, and thinking skills introduced freshman and sophomore years. The attention to literature in the broader context of American culture calls for considerable work with theme and argumentative thinking in both reading and writing. Students take into account a variety of rhetorical elements in the analysis of fiction, poetry, and argumentative writing.

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**Radio Practicum**      **0994**  
 Level: College Prep  
 Open To: Intro to Broadcasting-Consent  
 Length: Year  
 Credit: .5 each semester  
 Lab Fee: \$10.00

Radio Practicum is designed to familiarize students with the operations of a radio station at WHFH. Students will complete special projects for the Viking Broadcast Company and attend to the daily responsibilities of running a radio station.

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**Mathematics**

**Algebra 1** **3213**  
 Level: College Prep  
 Open To: **Repeat/Reclassified only**  
 Length: Year  
 Credit: .5 each semester

Algebra 1 focuses on the fundamental properties of real numbers, linear equations and inequalities, functions and graphs, systems of linear equations, operations with polynomials, rational algebraic expressions, quadratic equations, radical expressions and equations, and exponents. Elementary probability and statistics are also introduced. The course concentrates on developing skills in note-making, reading of the text, and using the graphing calculator.

*A graphing calculator is required: TI-83, TI-83+, TI-84, or TI-84+.*

**Algebra 2/Trig** **3232**  
 Level: College Prep  
 Open To: **Repeat/Reclassified only**  
 Prerequisite: 2 sem. Geometry  
 Length: Year  
 Credit: .5 each semester

This course expands the material studied in Algebra 1 and Geometry, emphasizing real world applications and associated graphical analysis. Topics studied include operations on real numbers and variables, solving equations, graphing, polynomials, functions, complex numbers, matrices, systems of equations, rational expressions, conics, exponential and logarithmic functions, probability and statistics, and trigonometry.

*A graphing calculator is required: TI-83, TI-83+, TI-84, or TI-84+.*

**Geometry** **3223**  
 Level: College Prep  
 Open To: **Repeat/Reclassified only**  
 Prerequisite: 2 sem Alg. 1  
 Length: Year  
 Credit: .5 each semester

This course focuses on fundamental concepts of Euclidean geometry and the development of an axiomatic system using deductive reasoning. Special attention is given to the concepts of congruence, similarity, area, volume, perpendicularity, parallelism, and coordinate geometry. Properties of lines, angles, triangles, quadrilaterals, circles and right triangle trigonometry are also studied.

*A graphing calculator is required, preferable TI-83, TI-83+, TI-84, or TI-84+.*

**Science**

**Biology** **4123**  
 Level: College Prep  
 Open To: **Repeat/Reclassified only**  
 Length: Year  
 Credit: .5 each semester  
 Lab Fee: \$20.00

College Prep Biology offers an active learning approach to discovering biological themes. Topics investigated will include cell structure, cellular processes, DNA, genetics, biotechnology, evolution, animal systems, ecology, and photosynthesis. Instructional methods include textbook readings, lectures, laboratory investigations, computer simulations, individual and group projects. Student evaluation is based on unit examinations, quizzes, daily work, lab reports, and individual and group projects. College Prep Biology is designed to motivate students to take an active role in their learning.

**Biology** **4153**  
 Level: Honors  
 Open To: **Application only**  
 Length: Year  
 Credit: .5 each semester  
 Lab Fee: \$20.00

Honors Biology offers an active learning approach to discovering biological themes. Topics investigated will include cell structure, cellular processes, DNA, genetics, biotechnology, evolution, animal systems, and ecology. Instructional methods include textbook readings, lectures, inquiry-based laboratory investigations, computer simulations, individual and group projects. Student evaluation is based on unit examinations, daily work, lab reports and projects. Students are expected to do a significant amount of independent reading each night. The rigor and requirements of this course are significantly higher than at other levels. Honors Biology is designed for the self-motivated student. **Applications are required for entry into this course. Applications will be mailed directly to 8<sup>th</sup> grade students currently enrolled in high school credit bearing math classes (honors Algebra or above). Completed applications must be submitted to the Science Department Chair for approval and enrollment in the course. Contact Mr. Sean Byrne, Science Department Chair, 335-5589.**

**Registration for this class must be done through the Science office. Do not attempt to sign up for this class on February 5<sup>th</sup> at Summer School Registration.**

**Chemistry** **4223**  
 Level: College Prep  
 Open To: **Repeat/Reclassified only**  
 Prerequisite: Alg 1  
 Length: Year  
 Credit: .5 each semester  
 Lab Fee: \$20.00

Chemistry is an inquiry-based course. Since mathematics is an integral part of the course, students should be able to solve first-degree equations and be able to construct and interpret graphs. Topics developed include measurement, the nature and characteristics of matter, atomic structure, the Periodic Table, chemical bonding, nomenclature, chemical reactions, chemical quantities and stoichiometry, states of matter and thermodynamics, gas laws, acid/base chemistry, and organic chemistry. Instructional methods include lectures, readings from the textbook and other sources, laboratory demonstrations and investigations, individual and group activities, discussion, and computer-assisted activities. Student evaluation is based on tests, quizzes, lab reports, class work, homework, and other special projects.



**Summer School - Registration is on Saturday, February 5<sup>th</sup>, 2011 from 8am - 1pm in the North Building Student Cafeteria.**

**Science**

**Chemistry 4233** Honors Chemistry is recommended for students with an interest in careers such as science, engineering, or medicine. Students will investigate concepts in greater depth and at a faster pace than the students in the CP level. Students must have more advanced mathematical skills to be successful. Topics include energy changes, atomic structure, the Periodic Table, stoichiometry, chemical bonding, equilibrium, acids and bases, gas laws, and thermodynamics. Instructional strategies include lectures, demonstrations, laboratory work, readings, and computer work. Student evaluation is based on tests, quizzes, laboratory reports, class work, homework, and projects. The rigor of this course is significantly higher than in other levels. *This course satisfies the prerequisite for Advanced Placement Chemistry.*

Level: Honors  
 Open To: **Application only**  
 Prerequisite: Alg 1 Honors  
 Length: Year  
 Credit: .5 each semester  
 Lab Fee: \$20.00

**Registration for this class will be done through the Science office. Do not attempt to sign up for this class on Feb. 5<sup>th</sup> at Summer School Registration.**

**Applications are required, and may be acquired through the Science Department website ([www.hfhighschool.org](http://www.hfhighschool.org)) or you may contact Mr. Sean Byrne, Department Chair, at 335-5589.**

**Physics 4323** Physics is designed to provide students with the skills necessary to become life-long problem solvers as well as succeed in further science courses at the collegiate level. This will be accomplished through the study of the classical physics concepts of motion, energy, momentum, waves, light, electricity, magnetism, and modern physics. The principles and concepts are studied using graphical, algebraic, geometric, and trigonometric methods of analysis as well as laboratory experiments and demonstrations. Information will be presented using a variety of techniques including: class discussion, lecture, problem-solving activities, laboratory experiments, research projects, and audio-visual presentations. The emphasis on this course is on using Physics concepts for problem solving – both mathematical and real world problems.

Level: College Prep  
 Open To: **Repeat/Reclassified only**  
 Prerequisite: Geometry CP  
 Length: Year  
 Credit: .5 each semester  
 Lab Fee: \$20.00

**Social Science**

**World History 1224** This course is a survey of world history from the beginning of civilization in Africa, Asia, and Europe through the Cold War of the late twentieth century. The course helps students form connections among diverse areas of the world using the themes of trade, migration, and centers of world power. The course emphasizes the development of reading, writing, analytical, and research skills necessary for understanding historical materials. Students will encounter a variety of learning activities and materials, including maps, films, historical documents, and library sources. Students are required to complete a research paper.

Level: College Prep  
 Prerequisite: None  
 Open To: Sophomores  
 Length: Year  
 Credit: .5 each semester

**World History 1234** This course is a survey of world history from the beginning of civilization in Africa, Asia, and Europe through the Cold War of the late twentieth century. The course helps students form connections among diverse areas of the world, using the themes of trade, migration, and centers of world power. Students enrolling in the course at this level should have reading and writing skills above grade level. Students work with primary and secondary historical sources, analyze the multi-causation of historical events, and study conflicting interpretations of historical trends. The course also emphasizes developing the reasoning skills of the historian. Students are required to write a research paper of greater complexity than what is required at the college-prep level.

Level: Honors  
 Prerequisite: None  
 Open To: Sophomores  
 Length: Year  
 Credit: .5 each semester

**United States History 1523** This course is a chronological survey of United States history. Reading and writing assignments emphasize comprehension of main themes, trends and concepts, and analysis of some primary sources necessary for an understanding of the American historical experience. Exams include multiple-choice and essay questions. The course emphasizes the development of reading, writing, analytical, and research skills necessary for understanding historical materials. Students will encounter a variety of learning activities and materials, including maps, films, historical documents, and library sources. Students are required to complete a research paper.

Level: College Prep  
 Prerequisite: World History  
 Open To: Juniors  
 Length: Year  
 Credit: .5 each semester

**United States History 1533** This course is a chronological survey of United States history. In addition to the text, reading assignments in challenging supplementary books are required. Students are expected to read and write above grade level. Students will formulate and defend original interpretations of major historical problems. Written assignments require mastery of both primary and secondary sources. Exams include multiple-choice questions and essays. The course emphasizes the development of reading, writing, analytical, and research skills necessary for understanding historical materials. Students will encounter a variety of learning activities and materials, including maps, films, historical documents, and library sources. A research paper of greater complexity than the college-prep paper is required.

Level: Honors  
 Prerequisite: World History  
 Open To: Juniors  
 Length: Year  
 Credit: .5 each semester

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**Summer School - Registration is on Saturday, February 5<sup>th</sup>, 2011 from 8am - 1pm in the Field House – North Building.**

**Social Science**

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<b>Economics</b>	<b>1723</b>	The three areas of concentration in the course are: 1) <i>microeconomics</i> , covering scarcity, how prices and wages are determined, and the operation of business, 2) <i>consumer economics</i> , including car buying, insurance, savings and investing, credit budgeting, consumer protection legislation, purchasing, and federal, state, and local taxes, and 3) <i>macroeconomics</i> , covering government taxing and spending, business cycles, fiscal policy, monetary policy, inflation, unemployment, economic growth, globalization and international trade. The student will be expected to demonstrate: 1) mathematical skills including the ability to add, subtract, multiply, divide and calculate percentages; 2) the ability to read and use simplified statistical and graphical information, and 3) reading skills at least at the tenth grade level.
Level:	College Prep	
Prerequisite:	U.S. History	
Open To:	Seniors	
Length:	Year	
Credit:	.5 each semester	

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<b>Economics</b>	<b>1733</b>	The three areas of concentration in the course are: 1) <i>microeconomics</i> , covering scarcity, how prices and wages are determined, and the organization and operation of business, 2) <i>consumer economics</i> , including car buying, insurance, savings and investing, credit budgeting, consumer protection legislation, purchasing, and federal, state, and local taxes, and 3) <i>macroeconomics</i> , covering government taxing and spending, business cycles, fiscal policy, monetary policy, inflation, unemployment, economic growth, globalization and international trade. The student will be expected to demonstrate: 1) above-average mathematical skills including the ability to calculate percentages and use simple algebra; 2) the ability to read and use simplified statistical and graphical information, and 3) reading skills at least at grade level.
Level:	Honors	
Prerequisite:	U.S. History	
Open To:	Seniors	
Length:	Year	
Credit:	.5 each semester	

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**Specialized Summer Courses**

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<b>Boys Water Polo</b>	<b>WHEN:</b> June 6 <sup>th</sup> until July 15 <sup>th</sup> 2011
Sponsor	6:30-8:00AM
Tim Caldwell	Weeks 1, 3, 5 M-T-W-TH
708-799-3000	Weeks 2, 4, 6 T-W-TH-F
tcaldwell@hfhighschool.org	<b>WHERE:</b> H-F POOL
	<b>WHAT:</b> Instruction in competition skills for water polo and conditioning.
	<b>WHO:</b> Boys grades 7-12 plus HF water polo alumni. Attendees must have a moderate competitive swimming background.
	<b>COST:</b> \$125.00 for the session. Pay at the campus book store-during the month of May.

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**Summer School Registration for Driver Education is  
March 22<sup>nd</sup> & 23<sup>rd</sup>, 2011  
at 3:00 pm in the North Building Cafeteria.**

**Driver Education**

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**Driver Education**

Please note the separate registration process and dates for Driver Education courses.

**Registration for Driver Education is March 22<sup>nd</sup> and March 23<sup>rd</sup>.**

Classes will be held Wednesday, **June 6 through June 30**. The Summer Driver Education Program will be facilitated by the Department Chair for Driver Education at Homewood-Flossmoor High School.

**Behind the Wheel Instruction:** Registration and fee payment will be held in the North Building Cafeteria outside Room 120, **Tuesday, March 22<sup>nd</sup> at 3:00 p.m.** This registration is separate from the regular Summer School course registration process, and is on a first-come, first serve basis. All students will NOT be accommodated. Registration is intended only for students who have previously completed the classroom phase of Driver Education.

**Classroom and Behind the wheel Instruction:** Registration for students who need both phases of Driver Education, have sophomore status, and will be 16 years old by November 1, 2011 is **Wednesday, March 23<sup>rd</sup> at 3:00 p.m.** This registration is also on a first come, first serve basis. All students will NOT be accommodated.

**Payment is due at the time of Driver Education registration, of which \$40.00 is a non-refundable fee.** Payment for Driver Education courses is separate, and should not be sent at the time of tuition and fee payment for other courses. NO REFUNDS after May 13<sup>th</sup>, 2011. All past due fees will be paid before a refund is issued.

Attendance is MANDATORY. On a third absence, for any reason, the student will be dropped from the course. NO REFUNDS.

For further information, contact Mrs. Cathy Costible at 708-335-5335.

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<b>Driver Education Classroom</b> \$ 75.00	<b>7305</b>	The classroom course provides learning focused upon the safe and responsible operation of a motor vehicle.
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<b>Behind the Wheel</b> \$100.00	<b>7310</b>	Behind-the-Wheel driver instruction provides hands-on experience directly from the classroom course. There is a fee for the behind-the-wheel phase of the program.
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<b>Questions</b>	For further information regarding Summer School, please call the office of Mrs. Jodi Bryant, Assistant Principal and Summer School Principal, at 708-335-5604. You may speak with Mrs. Jodi Bryant or her Secretary, Mrs. Barbara Martin.
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# Notes



## Summer Academy 2011

Jodi Bryant  
Summer Academy Principal  
Ext. 5605

### Summer Academy Calendar

**Monday, June 13 – Friday, July 22, 2011**  
No School on Monday, July 4<sup>th</sup>, 2011

Meeting times vary during the time frame of 8:00 a.m. – 12:50 p.m., unless otherwise noted.  
Please see registration form for further information.

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#### Academy Registration

Course registration for Summer Academy 2011 may be completed as follows:

- Students and parents should review the course offerings and then complete the Summer Academy registration form included in the 2011-2012 registration packet.
- The completed Academy registration form and payment must be returned to the North Building Assistant Principal's office or the South Building Campus Store. Eighth-grade students may also turn in the completed registration form and payment at registration on Saturday, February 19<sup>th</sup>.
- Academy courses are \$150 per course unless otherwise noted.
- Summer Academy does not operate on a semester system. All classes are 6 weeks in length unless otherwise noted.
- **Summer Academy registration will be accepted until the classes are filled or the first day of class.**

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#### Refund Policy

**Refunds will not be issued after May 13, 2011** unless a course is cancelled. Requests for refunds should be made in writing to the Summer Academy Principal, Jodi Bryant, **prior** to May 13, 2011. The \$40 processing fee is per class non-refundable.

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#### Bus Transportation

Bus transportation will be available to district residents at an **additional charge of \$95.00** for the 6 week term. Bus schedules will be mailed home prior to the first day of class. Bus pass ID pictures will be taken the first week of school. **No refunds will be made after May 13, 2011.** Students who wish to request bus service may do so by completing the appropriate line on the registration form. Please note: Academy courses meet for varying lengths of time. Students electing less than a full day of courses must provide their own transportation to and from H-F as buses only run at the start and end of the school day.

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#### Attendance

Academy courses earn H-F credit. Therefore, **attendance is mandatory.** A student who is absent more than two days, including tardies will be dropped from that course. Students who are not in class when the bell sounds will be marked tardy. Three tardies will be considered a half-day absence. Removal for disciplinary reasons will result in a full day absence. No refund will be given if a student is dropped for any of the above reasons.

The following courses are designed to introduce students to the skills needed to do well in high school. The courses generally meet for 1-1/2 hours for the six-week term. All Summer Academy classes fulfill the State of Illinois requirement for receiving high school credit.

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#### Discipline

There are no suspensions or other discipline interventions during Summer Academy. Any act of gross misconduct or gross insubordination will result in removal from the Summer School program. Repeated acts of insubordination or disruption will also result in removal from the Summer School program. There will be no refund for removal due to disciplinary reasons.



## Summer Academy 2011

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### About the Academy

Summer Academy is a wonderful opportunity to prepare for the upcoming high school year. The Academy is a summer program that meets for six weeks from the middle of June to the end of July. **Academy students have the opportunity to take up to three classes to earn H-F credit.**

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### Grading Policy

Summer Academy is a program based upon the concept of success for all. Academy courses receive grades of A, B, or Pass. This system insures no student is penalized for seeking improvement or enrichment. If a passing grade is not earned, no grade or credit will be reflected on the student's transcript. Final exams are administered on the last day. Individual arrangements will not be made.

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### Purpose

The purpose of the Summer Academy 2011 Program is to develop those skills necessary to promote academic success in high school. The course content of Academy Program offerings includes higher order thinking skills, analytical discussions and writing, and reading at levels expected in upcoming courses. The course content does not duplicate nor does it include materials from the regular school year. This is a wonderful opportunity for students who want to stretch academically and to further their proficiency in up to three content areas. The cost **per class is \$150.**

Additional information on the Academy Program is available. **Contact Jodi Bryant, Summer Academy Principal, at 708-335-5605.**

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### Preparation for High School

A student may enroll in one, two, or three courses. Each session will meet for one third of the assigned summer school day and will allow the student to earn .333 credit.

Prep for High School Reading and Writing – 0002  
Prep for High School Biology – 4001  
Prep for High School Algebra 1 - 3020

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### Preparation for College Prep Courses

Students may sign up for one, two, or three courses. Each session will meet for one third of the assigned summer school day and will allow the student to earn .333 credit.

Prep for College Prep English 1 – 0007  
Prep for College Prep Biology – 4007  
Prep for College Prep Chemistry – 4005  
Prep for College Prep Algebra 1 – 3007  
Prep for College Prep Algebra 2/Trig – 3011  
Prep for College Prep Geometry – 3004

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### Preparation for Honors/AP Classes

Students may register for one, two, or three courses. Each session will meet for one third of the assigned summer school day and will allow the student to earn .333 credit.

Prep for Honors English 1 – 0008  
Prep for Honors Biology – 4008  
Prep for Honors Chemistry – 4003  
Prep for Honors Algebra 1 – 3008  
Prep for Honors Algebra 2/Trig – 3012  
Prep for Honors Geometry – 3006  
Prep for Advanced Studies in Biology - 4002

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### Summer Theatre

Please see course description at the end of the Summer Academy listings.

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English

**Prep for High School Reading and Writing 0002** This course is intended for any student slated to take *English 1 AC (0012) and Reading Enrichment 1 (9206)*. The curriculum will focus on fundamental comprehension skills in the reading of shorter non-fiction and fiction passages. Attention will be paid to vocabulary development. Sustained Silent Reading (SSR), in which students choose their own reading material, will supplement the direct instruction in comprehension skills. Summarizing, paraphrasing, and personal narratives are writing skills that will be focused upon. Sentence structure, as well as paragraph definition and development, will be worked with in particular.

Level: Academic Core  
 Open To: Freshmen  
 Length: 6 weeks  
 Meets: M-F, 90 minutes  
 Credit: .333

**Prep for CP English 1 0007** The primary objective of this course is to orient students to the expectations of *English 1 CP (0022)*. Students learn how to formulate insightful questions about a text and to reason thoughtfully through a response. Writing experiences concentrate on personal narratives, well reasoned responses to questions about a text, and paraphrasing and summarizing. Attention is paid to sentence structure and vocabulary building skills.

Level: College Prep  
 Open To: Freshmen  
 Length: 6 weeks  
 Meets: M-F, 90 minutes  
 Credit: .333

**Prep for Honors English 1 0008** The primary objective of this course is to orient students to the higher expectations of *English 1 Honors (0032)*. Students are instructed in "shared inquiry," a procedure for formulating insightful questions about any number of elements in a text and examining those questions in thoughtful dialogue with one's classmates. Writing experiences include personal narratives as well as reflections on the literature. Students are introduced to the language of literary analysis. Students are expected to develop their ideas more fully and structure them with greater sophistication. Sentence structure is worked with to achieve greater sophistication as well.

Level: Honors  
 Open To: Freshmen  
 Length: 6 weeks  
 Meets: M-F, 90 minutes  
 Credit: .333

Science

**Prep for High School Biology 4001** This course is intended for any student slated to take *Biology AC (4012)*. The curriculum will focus on introducing students to some of the topics that they will study in freshman Biology. Additionally, students will develop reading, writing, and note taking techniques, as well as general organizational skills, to prepare them for 9<sup>th</sup> grade Biology success.

Level: Academic Core  
 Open To: Freshmen  
 Length: 6 weeks  
 Meets: M-F, 90 minutes  
 Credit: .333

**Prep for CP Biology 4007** This course is designed for incoming freshmen that would like to develop problem- solving skills through experimentation, inquiry, critical thinking, and teamwork. Skills that are worked on specifically are organizational skills, observation and assessment skills, and formal laboratory writing skills using programs such as Microsoft Word, Excel, and Inspiration. Topics investigated in College Prep Biology during the school year are *not* covered in this course.

Level: College Prep  
 Open To: Freshmen  
 Length: 6 weeks  
 Meets: M-F, 90 minutes  
 Credit: .333

**Prep for Honors Biology 4008** This course is designed for incoming freshmen that would like to prepare for the rigor of Honors Biology during the school year. Students will develop problem- solving skills through experimentation, inquiry, critical thinking, and teamwork. They will work on organizational skills, observation and assessment skills, and formal laboratory writing skills at a rapid pace. Topics investigated in Honors Biology during the school year are *not* covered in this course.

Level: Honors  
 Open To: Freshmen  
 Length: 6 weeks  
 Meets: M-F, 90 minutes  
 Credit: .333

**Prep for CP Chemistry 4005** This course is designed to help students build the necessary scientific and mathematical skills needed to be successful in College Prep Chemistry during the regular school year. Students will be provided with opportunities to solve first-degree equations, effectively gather and analyze data, and be able to construct and interpret graphs. Topics investigated in College Prep Chemistry during the school year are *not* covered in this course.

Level: College Prep  
 Open To: Sophomores  
 Length: 6 weeks  
 Meets: M-F, 90 minutes  
 Credit: .333



## Summer Academy 2011

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<b>Prep for Honors Chemistry</b>	<b>4003</b>	This course is designed to help students build the necessary scientific and mathematical skills needed to be successful in Honors Chemistry during the regular school year. Students will be provided with opportunities to solve first-degree equations, effectively gather and analyze data, and be able to construct and interpret graphs. This course is recommended for students who plan to take Honors Chemistry during the school year and who have earned a "C" or lower in College Prep or Honors Algebra. Topics investigated in Honors Chemistry during the school year are <i>not</i> covered in this course.
Level:	Honors	
Open To:	Sophomores	
Length:	6 weeks	
Meets:	M-F, 90 minutes	
Credit:	.333	

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<b>Prep for Advanced Studies in Biology</b>	<b>4002</b>	This course is designed to prepare students for the challenge of Advanced Placement (AP) Biology. Students enrolled in Preparation for Advanced Studies in Biology review essential content from both Biology and Chemistry in order to reinforce their understandings of key concepts. Additionally, students hone their technical reading, note-taking, and lab skills to further ensure their success in AP Biology the following fall semester.
Level:	Honors	
Open To:	Soph., Jr., Sr.	
Length:	1 <sup>st</sup> 3 weeks	
Meets:	M-F, 90 minutes	
Credit:	.333	
Tuition:	\$75.00	

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### Mathematics

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<b>Prep for Algebra 1 AC</b>	<b>3020</b>	This course is intended for any student enrolled in <i>Algebra 1 AC (3140)</i> . The curriculum is designed to strengthen students' computational, algebraic and problem solving skills. Students will preview/review the following topics: manipulation and simplification of fractions, adding and subtracting positive and negative numbers, evaluating expressions, using input/output tables to relate two variables, algebraically representing real-life situations, and solving linear equations.
Level:	AC	
Open To:	Freshman	
Length:	6 weeks	
Meets:	M-F, 90 minutes	
Credit:	.333	

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<b>Prep for Algebra 1 CP</b>	<b>3007</b>	This course is intended for any student enrolled in Algebra I CP (3201 or 3210). The curriculum is designed to strengthen students' computational, algebraic and problem solving skills. Students will preview/review the following topics: simplifying variable expressions, applying the distributive property, applying operations on integers, solving linear equations, solving linear inequalities, adding and subtracting fractions, and solving fractional equations. Topics covered in this course will be taught during the regular school year, but in greater depth. Refer to College Prep Algebra One (3210) for additional topics covered during the regular school year.
Level:	College Prep	
Open To:	Fr, Soph	
Length:	6 weeks	
Meets:	M-F, 90 minutes	
Credit:	.333	

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<b>Prep for Algebra 1 H</b>	<b>3008</b>	This course is intended for any student enrolled in <i>Algebra H (3300)</i> . The curriculum introduces students to Algebra 1 topics, including the manipulation and simplification of fractions, adding and subtracting positive and negative numbers, evaluating expressions, using input/output tables to relate two variables, algebraically representing real-life situations, solving linear equations, and introduction to linear equations and graphs.
Level:	Honors	
Open To:	Fr	
Length:	6 weeks	
Meets:	M-F, 90 minutes	
Credit:	.333	

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<b>Prep for Geometry CP</b>	<b>3004</b>	This course is intended for any student enrolled in Geometry (3180, 3220 or 3225). The curriculum is designed to strengthen students' algebraic skills and introduce them to some geometry concepts and procedures. Students will preview/review the following topics: solving linear equations, solving linear systems by substitution and linear combination, applying the distance formula, measuring segments, finding/applying midpoint of segments, exploring angles, comparing angle relationships, applying inductive reasoning to write conclusions, verifying angle relationships, and measuring angles in triangles. Topics covered in this course will be taught/used/reviewed during the regular school year, but in greater depth.
Level:	College Prep	
Open To:	Soph, Jrs.	
Length:	6 weeks	
Meets:	M-F, 90 minutes	
Credit:	.333	

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**Prep for Geometry H 3006** This course is intended for any student enrolled in Geometry H (3310). The curriculum is designed to strengthen students' algebraic skills and introduce them to some geometry concepts and procedures. Students will preview/review the following topics: solving linear equations, solving linear systems by substitution and linear combination, simplifying radicals, factoring and solving quadratic equations, exploring angles, discussing angle relationships, verifying angle relationships, measuring angles in triangles, exploring congruent triangles, proving triangles congruent and corresponding parts of congruent triangles, exploring special segments in triangles. Topics covered in this course will be taught/used/reviewed during the regular school year, but in greater depth.

Level: Honors  
 Open To: Fr, Soph  
 Length: 6 weeks  
 Meets: M-F, 90 minutes  
 Credit: .333

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**Prep for Alg 2/Trig CP 3011** This course is intended for any student enrolled in Algebra II and Trig CP (3190 or 3231). The curriculum is designed to strengthen students' algebraic skills and geometry skills. Students will preview/review the following topics: solving linear equations, graphing linear functions, solving linear systems by graphing, substitution and linear combination, factoring and solving quadratic equations, probability and statistics. Topics covered in this course will be taught/used/reviewed during the regular school year, but in greater depth.

Level: College Prep  
 Open To: Fr, Soph  
 Length: 6 weeks  
 Meets: M-F, 90 minutes  
 Credit: .333

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**Prep for Alg 2/Trig H 3012** This course is intended for any student enrolled in Algebra II and Trig H (3321). The curriculum is designed to review the topics taught in Algebra I Honors. Students will preview/review the following topics: solving linear equations, solving linear systems by substitution and linear combination, simplifying radicals, factoring and solving quadratic equations, simplifying rational expressions and solving rational equations. Topics covered in this course will be taught/used/reviewed during the regular school year, but in greater depth.

**Level: Honors**  
 Open To: Fr, Soph  
 Length: 6 weeks  
 Meets: M-F, 90 minutes  
 Credit: .333

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**Summer Theatre 0150** Instructor: Mrs. J. Bonavia - Galligani  
 The Summer Theatre Company gives students from grades two through twelve acting and play production experience. The students will learn theatre games, warm-ups, blocking, songs, and dances to prepare them for future theatre experiences and for the program's culminating performance. The cost for the Summer Theatre Program is \$250 for H-F students and \$375 for in-district students not currently enrolled at H-F. A \$40 costume fee also is due at registration. Matinee and evening performances of the culminating production will be held on Friday, July 22<sup>nd</sup> and Saturday, July 23<sup>rd</sup>. (All students will be involved with at least two of the performances.) \*The final week of class, we extend the hours to approximately 1:15 until 5:00 pm. Class may meet Friday, July 15<sup>th</sup> as well in preparation for production week. Please register at the Campus Bookstore for this program. **No bus transportation is provided.**

Level: Honors  
 Open To: All  
 Length: June 13 – July 23  
 Meets: M, T, W, Th 1:15 – 4:00 pm  
 Location: H-F Mall Auditorium  
 Credit: .333

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# Notes