

# 2012 TENTATIVE SCHEDULE OF CLASSES

The courses listed below will be offered June 5 through July 26, **if a sufficient number of students enroll**. The time schedule will be as follows if at all possible, however, the Administration reserves the right to change the time schedule in order to accommodate the greatest number of students. Additional courses will be offered if a sufficient number of students register.

**PLEASE NOTE: The first week of Summer School, the building will be open on Friday. Classes will meet on Friday, June 8th. Beginning June 11th, classes will meet Monday- Thursday. The building will be closed on Fridays.**

## **Business Education**

*Course Descriptions*

## **Technology Applications**

*June 5 – June 27 from 7:45 am – 12:45 pm*

*Course No.: SS18*

*Prerequisite: None*

*Credit: 0.5*

*Fees: In District/\$175.00; Out of District/\$250.00*

*Grades: Incoming 9, 10, 11, 12*

*Other:*

This course is designed to allow students to master the use of essential computer software they will apply to high school, college, and personal work. Proficient keying skill is developed. Students increase their computer productivity using the Microsoft Office 2010 Suite to produce flyers, business letters, MLA reports, tables, spreadsheets, graphs, charts, and PowerPoint presentations. Students will also explore the basics of movie making and work on collaborative projects utilizing Google Application and cloud computing.

## **Driver Education**

*Course Descriptions*

Students must have passed 8 academic semester classes from June 2011 to June 2012 in order to be eligible to take Driver Education in Summer School.

In order to secure an Illinois driving permit, a student must be enrolled and present in Driver Education. Any student that takes a permit application for Summer School must use that application to get a permit or return the application to the Driver Education Department. **If the student drops from Driver Education, the permit will be cancelled through the Secretary of State.**

In order to enroll in the program, students must be at the sophomore, junior, or senior level and have been born before 6-1-97. The student must obtain their driver's permit by 6-4-12.

District 128 students who do not attend Libertyville or Vernon Hills High Schools and are interested in taking Driver Education must pre-register. Pre-registration takes place between January 26 and February 24.

Students who attend District 128 schools must register with their counselor by February 24.

**ATTENDANCE:** Daily attendance is required. State regulations require 30 hours of classroom and 6 hours of behind-the-wheel in order to obtain a driver's license. To meet these requirements over the summer, students may only miss one classroom and one behind-the-wheel session. **Please do not ask for special consideration.**

## **Driver Education (Classroom and Behind-the-Wheel)**

*Course No.: SS21 (Classroom), SS22 (Behind-the-Wheel)*

*Prerequisite: See above*

*Credit: None / Semester*

*Fees: In District/\$195.00; Out of District/\$270.00*

*Grades: 10, 11, 12 (see above)*

*Other:*

Driver Education Classroom and Behind-the-Wheel will be offered June 4 through July 19. Classes will not meet on Wednesday, July 4 and July 5.

**Please Note: All Driver Education students will meet Monday, June 4, Tuesday, June 5 and Wednesday, June 6 from 8:00 am-10:30 am. The following schedule will be followed starting Thursday, June 7.**

**Classroom:** 6:00 am–7:00 am; 7:00 am–8:00 am; 8:00 am–9:00 am; 9:00 am–10:00 am; 10:00 am–11:00 am

**Behind-the-Wheel:** 6:00 am–7:00 am; 7:00 am–8:00 am; 8:00 am–9:00 am; 9:00 am–10:00 am; 10:00 am–11:00 am; 11:00 am–12:00 pm

**Driver Education Classroom is required of every District 128 student for graduation.** Students will receive 30 hours of instruction in this one semester course. Areas of study include defensive driving techniques, buying-main-taining-insuring your car, the effect of alcohol and drugs on driving, the Illinois “Rules of the Road” booklet, and other topics.

**Driver Education Behind-the-Wheel**, in addition to the classroom course, is needed to qualify for the Driver Education certificate which makes students eligible to take the State Driver’s License exam after reaching age 16. The behind-the-wheel program consists of six hours of in-car, on the road driving. Schedules for Driver Education (Road-work) must be flexible. Times will be determined by the Driver Education staff.

## English

*Course Descriptions*

### **Composition and Literature for Freshmen and Sophomores Semester 1**

*June 5 – June 27 from 7:45 am to 12:45 pm*

*Course No.: SS23*

*Prerequisite: Placement*

*Credit: 0.5 / Session 1 (Semester 1)*

*Fees: In District/\$165.00; Out of District/\$240.00*

*Grades: repeating 9, 10*

*Other:*

### **Composition and Literature for Freshmen and Sophomores Semester 2**

*June 28 – July 26 from 7:45 am to 12:45 pm*

*Course No.: SS24*

*Prerequisite: Placement*

*Credit: 0.5 / Session 2 (Semester 2)*

*Fees: In District/\$165.00; Out of District/\$240.00*

*Grades: repeating 9, 10*

*Other:*

This course is designed for freshmen and sophomores. Course content typically focuses on two or more genres of literature (novel, short story, poetry, and so on), including identifying literary elements; determining the writer’s intent; and examining the vocabulary and semantics of the text. Frequent and varied writing assignments are included as an additional method to improve understanding, comprehension, and expression. The literature explored and themes discussed have a World Literature focus. (Successful completion of one semester of this course makes up the deficiency from failing one semester of Freshman

Literature and Composition or World Literature and Composition.)

### **Composition and Literature for Juniors and Seniors Semester 1**

*June 5 – June 27 from 7:45 am to 12:45 pm*

*Course No.: SS25*

*Prerequisite: Placement*

*Credit: 0.5 / Session 1 (Semester 1)*

*Fees: In District/\$165.00; Out of District/\$240.00*

*Grades: repeating 11, 12*

*Other:*

### **Composition and Literature for Juniors and Seniors Semester 2**

*June 28 – July 26 from 7:45 am to 12:45 pm*

*Course No.: SS26*

*Prerequisite: Placement*

*Credit: 0.5 / Session 2 (Semester 2)*

*Fees: In District/\$165.00; Out of District/\$240.00*

*Grades: repeating 11, 12*

*Other:*

This course is designed for juniors and seniors. Course content typically focuses on two or more genres of literature (novel, short story, poetry, and so on), including identifying literary elements; determining the writer’s intent; and examining the vocabulary and semantics of the text. Frequent and varied writing assignments are included as an additional method to improve understanding, comprehension, and expression. The literature explored and themes discussed have an American Literature focus. (Successful completion of one semester of this course makes up the deficiency from failing one semester of American Literature and Composition or an English class taken as a senior.)

## Family and Consumer Sciences

Course Descriptions

### Consumer Management

June 5 – June 27 or June 28 – July 26 from 7:45 am to 12:45 pm

Course No.: SS12

Prerequisite: None

Credit: 0.5 / Sessions 1 and 2 (Semesters 1 and 2)

Fees: In District/\$185.00; Out of District/\$260.00 (includes supplies)

Grades: 12

Other:

**Consumer Management** students learn principles of the economy, banking, budgeting, credit, insurance, car buying, investing, and money management. Computer and Internet activities are used to support learning throughout the course. Food preparation and healthy living principles are also incorporated. Students will be able to manage personal resources valuable for success in financial decision making. Each student will have the experience of investing in the stock market and following the stocks for a period of time through a simulated project. Using the Internet as a source of information is stressed and explored through various projects. Passing this course meets the Consumer Education requirement for graduation.

### Incoming Freshmen Summer Academy

Course Descriptions

The **D128 Incoming Freshmen Summer Academy** is a program designed to prepare students for academic success in high school by providing them with supplemental instruction designed to strengthen their skills in Reading, English, and Mathematics. Students who are identified for participation in the academy are expected to attend the six-week summer program. District 128 uses EXPLORE scores to identify incoming freshmen who would have difficulty meeting the standards of the high school curriculum because they perform below grade level. **Based on the test information and a conversation with the middle school staff, we will enroll students in the D128 Incoming Freshmen Summer Academy Program.**

### Academy English

Course No.: SS46

Prerequisite: By placement only

Credit: 0.5 / See description

Fees:

Grades: Incoming Freshmen

Other:

The Reading / **English** component of the Incoming Freshmen Summer Academy helps students to develop improved skills and confidence in five targeted areas: (1) reading comprehension across content areas, (2) reading for enjoyment, (3) vocabulary development, (4) grammar, usage, and mechanics, and (5) basic methods of composition. This course will provide students with solid preparation in each of the five targeted areas, leading to greater student success in English and in all high school courses that require reading, writing, and critical thinking skills.

### Academy Mathematics

Course No.: SS48

Prerequisite: By placement only

Credit: 0.5 / See description

Fees:

Grades: Incoming Freshmen

Other:

The **Mathematics** component of the Incoming Freshmen Summer Academy helps students develop their skills in five targeted areas: (1) whole numbers, (2) integers, (3) fractions/ decimals/ percentages, (4) expressions, and (5) equations. This course will help students develop basic mathematical skills and enhance their ability to solve practical application problems.

### International Languages

Course Descriptions

#### French Exchange Program (offered Summer 2013)

Course No.: SS50

Prerequisite: Placement and pre-registration

Credit: 0.5 / See description

Fees: In District/\$165.00

Grades: 10, 11

Other:

French students who have been placed and pre-registered in September will participate in the **French Exchange Program**. Student responsibilities include hosting a French student for two weeks, living with the French student and his/her family for two weeks, traveling and experiencing Paris and its cultural attractions, and submitting written work as required by the teacher to fulfill the requirements of this course. Summer School registration costs are included as part of the cost of the program. The District 128 Code of Conduct as outlined in the Student Handbook is in effect for the duration of this program both on campus and abroad. The grade for the French Exchange will be included in the student's GPA unless the student submits the AGO form prior to the June departure.

## Language Culture Study Abroad

Course No.: SS52

Prerequisite: Placement

Credit: 0.5 / See description

Fees: In District/\$100.00

Grades: 10, 11

Other:

**Language/Culture Study Abroad** is an opportunity for a student who participates in a **recognized study abroad program** to be awarded credit. The study of a foreign language and increased proficiency in that language must be demonstrated upon return in the form of transcripts, a written evaluation by the program instructor, and/or an interview with the International Languages Supervisor. 0.5 credit will be awarded following participation in a program that afforded the student three weeks or more of experience and language study abroad once department expectations have been met. A maximum of one Language/Culture Study Abroad credit may be received throughout a student's four years in high school. Grades received will not be included in the student's GPA. **Interested students should contact the Supervisor of International Languages for program approval prior to enrollment.**

## Spanish Bridge Program

June 5 – June 27 from 7:45 am to 12:45 pm

Course No.: SS54

Prerequisite: Spanish during 7th or 8th grade or Spanish I

Credit: 0.5 / Session 1 (Semester 1)

Fees: In District/\$190.00; Out of District/\$265.00 (includes workbook)

Grades: Incoming 9, 10, 11, 12

Other: A grade of "C" or better and teacher recommendation are required for placement into high school Spanish II.

The summer school **Spanish Bridge Program** is for incoming freshmen students or any student needing a review of Spanish I skills. This course will review the skills necessary to be successful in high school Spanish II. Emphasis will be placed on language for communication. Students will develop their understanding of grammatical concepts as well. **Registration for this course ends June 1.**

## Mathematics

Course Descriptions

### Algebra I Semester 1

June 5 – June 27 from 7:45 am to 12:45 pm

Course No.: SS61

Prerequisite: Must have taken first semester of Algebra I or either semester of Algebra AB.

Credit: 0.5 / Session 1 (Semester 1)

Fees: In District/\$165.00; Out of District/\$240.00

Grades: Incoming 9, 10, 11, 12

Other: A TI-83/84+ graphing calculator is required.

### Algebra I Semester 2

June 28 – July 26 from 7:45 am to 12:45 pm

Course No.: SS62

Prerequisite: Successful completion of Algebra I (semester 1) and semester 2 attempted in Algebra I or successful completion of Algebra AB (full year) and attempted Algebra CD (full year or either semester).

Credit: 0.5 / Session 2 (Semester 2)

Fees: In District/\$165.00; Out of District/\$240.00

Grades: Incoming 9, 10, 11, 12

Other: A TI-83/84+ graphing calculator is required.

**Algebra I** is a remedial course for students needing a credit in Math. Topics covered in this course include properties of real numbers, linear equations and inequalities and their graphs, operations with polynomials and radicals, properties of exponents, factoring, general problem solving, critical thinking, and elementary probability and statistics concepts.

### Computer Science Honors

June 5 – June 27 from 7:45 am to 12:45 pm

Course No.: SS64

Prerequisite: Geometry and completion of one year in high school

Credit: 0.5 / Session 1 (Semester 1)

Fees: In District/\$165.00; Out of District/\$240.00

Grades: 10, 11, 12

Other:

**Computer Science Honors (Alice)** is intended for students interested in computer programming. The student will use Alice to develop programs by writing structured code and designing the graphical user interface. Topics include programming methodology, iteration, selection, function design, arrays, and graphics. The student will receive a firm foundation of computer programming needed to take the Advanced Placement Computer Science course.

### **Geometry Semester 1**

June 5 – June 27 from 7:45 am to 12:45 pm

Course No.: SS65

*Prerequisite: Algebra I and teacher recommendation or Algebra I and the student must have attempted first semester of Geometry.*

*Credit: 0.5 / Session 1 (Semester 1)*

*Fees: In District/\$165.00; Out of District/\$240.00*

*Grades: 10, 11, 12*

*Other: A TI-83/84+ graphing calculator is required.*

### **Geometry Semester 2**

June 28 – July 26 from 7:45 am to 12:45 pm

Course No.: SS66

*Prerequisite: Successful completion of Geometry (semester 1) and teacher recommendation or successful completion of Geometry (semester 1) and the student must have attempted second semester of Geometry.*

*Credit: 0.5 / Session 2 (Semester 2)*

*Fees: In District/\$165.00; Out of District/\$240.00*

*Grades: 10, 11, 12*

*Other: A TI-83/84+ graphing calculator is required.*

In summer school **Geometry**, students will learn to recognize and understand the various geometric shapes and solids and know their properties. They will develop deductive reasoning ability and use it on proofs of geometric ideas. First semester topics include measurement, points, lines, planes, angles, triangles, parallel lines and proof. Second semester topics include polygons, similarity, right triangles, circles, area, surface area and volume.

### **Trigonometry**

June 5 – June 27 or June 28 – July 26 from 7:45 am to 12:45 pm

Course No.: SS70

*Prerequisite: Algebra II*

*Credit: 0.5 / Sessions 1 and 2 (Semesters 1 and 2)*

*Fees: In District/\$165.00; Out of District/\$240.00*

*Grades: 10, 11, 12*

*Other: A TI-83/84+ graphing calculator is required.*

**Trigonometry** covers applied trigonometry, including right triangle trigonometry, law of sines and cosines, graphing of trigonometric functions, and sinusoidal modeling. The course also covers identities, complex numbers, solutions of equations, inverses, complex numbers, introduction to polar topics, and topics required for the study of Calculus. Many universities require a background in this area. This course requires the use of a graphing calculator.

### **Physical Education**

*Course Descriptions*

#### **Physical Education Make Up**

June 11 – July 19 from 7:45 am to 9:45 am

Course No.: SS19

*Prerequisite: Placement*

*Credit: 0.25*

*Fees: In District/\$165.00; Out of District/\$240.00*

*Grades: Incoming 10, 11, 12*

*Other: Students may only miss 2 classes to earn full credit.*

Successful completion of **Physical Education Make-Up** makes up for the deficiency from failing one semester of Physical Education. This course will emphasize and provide students with the knowledge, experience and skills that help develop muscular strength, flexibility and cardiovascular fitness. Attendance policy for summer school will apply also for this course. There will be an out of class project to be completed.

### **Science**

*Course Descriptions*

#### **Astronomy (offered Summer 2013)**

7:45 am to 12:45 pm

Course No.: SS80

*Prerequisite: Algebra I*

*Credit: 0.5 / Session 1 (Semester 1)*

*Fees: In District/\$220.00; Out of District/\$295.00 (includes supplies)*

*Grades: Incoming 9, 10, 11, 12*

*Other: Credit earned is elective and does not apply to the Science requirements for graduation.*

**Astronomy** is an introduction to foundations of astronomy evolving into a more in-depth exploration of astronomical thought and practice. The concepts of modern astronomy, the solar system, the stars, and the universe are developed through lectures, demonstrations, and laboratory experiences. Students will also develop an understanding of the methods and applications of astronomy. Depending on enrollment, there will be two field trips: one to the Adler Planetarium in Chicago and one to the Challenger Learning Center in Woodstock. In addition, attendance at two night-time "star parties" will be required. This science course is designed for college-bound students with a background in algebra.

## **Environmental Science**

*June 5 – June 27 from 7:45 am to 12:45 pm*

*Course No.: SS81*

*Prerequisite: None*

*Credit: 0.5 / Session 1 (Semester 1)*

*Fees: In District/\$220.00; Out of District/\$295.00 (includes supplies)*

*Grades: Incoming 9, 10, 11*

*Other: Credit earned is a science elective and does not apply to the science requirements for graduation.*

The essential component of **Environmental Science** is the field experience that will generate data to be used as students apply the scientific methods. Students will take field trips to various environmental sites to collect, analyze, and interpret data. Students will use this data to propose conclusions and solutions to a variety of real life problems. Each site will offer many earth and life science discoveries. Alternate days will be spent in the classroom on work that is directly related to the field experience and aligned with state standards. Topics will include invasive species, wetland preservation, water and soil studies, erosion, glaciations, alternative energy analysis, genetics, and global environmental concerns.

## **Social Studies**

*Course Descriptions*

### **Government**

*June 5 – June 27 or June 28 – July 26 from 7:45 am to 12:45 pm*

*Course No.: SS82*

*Prerequisite: None*

*Credit: 0.5 / Sessions 1 and 2 (Semesters 1 and 2)*

*Fees: In District/\$165.00; Out of District/\$240.00*

*Grades: 12*

*Other:*

**Government** includes the fundamentals of the United States Constitution, state and local government, the evolutionary development of the political process, and the rights and responsibilities of United States citizenship. Research work is required.

### **United States History Semester 1**

*June 5 – June 27 from 7:45 am to 12:45 pm*

*Course No.: SS85*

*Prerequisite: None*

*Credit: 0.5 / Session 1 (Semester 1)*

*Fees: In District/\$165.00; Out of District/\$240.00*

*Grades: 11, 12*

*Other:*

### **United States History Semester 2**

*June 28 – July 26 from 7:45 am to 12:45 pm*

*Course No.: SS86*

*Prerequisite: None*

*Credit: 0.5 / Session 2 (Semester 2)*

*Fees: In District/\$165.00; Out of District/\$240.00*

*Grades: 11, 12*

*Other:*

**United States History** is a broad survey of the major social, economic, political, and cultural events, concepts, and themes that have been the forces in the development of the United States. First semester covers materials beginning with the Revolutionary Era and ending with Industrialization. Second semester covers materials beginning with the Progressive Era and extending to the present. Research work and writing are required each semester.