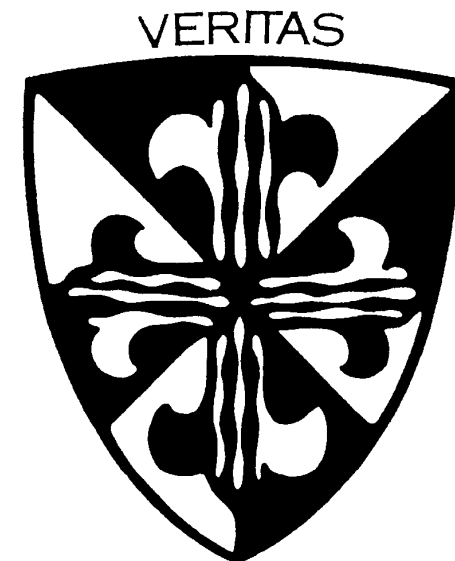


***CURRICULUM GUIDE***  
*for*  
***2011-2012***



***SACRED HEART-GRIFFIN HIGH SCHOOL***  
*1200 W. Washington Street*  
*Springfield, Illinois 62702*  
*(217)787-1595*

## ***SHG MISSION STATEMENT***

Sacred Heart-Griffin is a Catholic, Dominican high school that welcomes a diverse student population to pursue academic excellence in a community of faith.

## ***SHG TARGET GOALS (Across the Curriculum)***

- All students will improve their oral communication skills across the curriculum.
- All students will improve their written communication skills across the curriculum.
- All students will demonstrate the capability to use higher order critical thinking skills.
- All students will increase their skills to enhance the Christian community.
- SHG curriculum includes Illinois Learning Standards

## ***SERVICE PROGRAM***

“As a Catholic high school, Sacred Heart-Griffin is dedicated to the truth of Christian values as proclaimed in the Gospel, as fostered in a Christian community, and as witnessed by service to the larger community.” The Service Program Coordinator acts as a facilitator of requests from non-profit organizations throughout the geographical community. Service to one’s school, church, and community accumulates over the student’s tenure at Sacred Heart-Griffin meeting the current graduation requirement.

**(Minimum) 20 hours per year/80 hours total**

## ***SUMMER SCHOOL COURSES FOR SHG STUDENTS***

As many as 80% of incoming Freshmen will attend summer school to become acquainted with the building, the faculty, and new classmates. Registration for these courses is optional. Registration begins in April. Students must fill out a form which will be available online and in the main office. Daily attendance is required for the five-week session. Students who miss more than three classes will not receive credit. Courses cancelled due to lack of enrollment will be fully refunded. Watch the announcements for registration, course fee, and dates. Grades for summer courses are not included in the student's G.P.A. The following courses are taught at SHG:

### **ART OPEN STUDIO**

**CREDIT: 0.5 (4.A grading)**

### **CONSUMER ECONOMICS (Grades 10-12 ONLY)**

**CREDIT: 0.5 (4.A grading)**

### **FASHION I**

**CREDIT: 0.5 (4.A grading)**

### **HEALTH (Summer does not include CPR certification)**

**CREDIT: 0.5 (4.A grading)**

### **JOURNALISM**

**CREDIT: 0.5 (4.A grading)**

### **PHYSICAL EDUCATION (CO-ED) (Plus \$15 for bowling session)**

**CREDIT: 0.5 (4.A grading)**

### **ENGLISH I-S (for students entering Grade 9 in August)**

**CREDIT: 0.5 (3.A grading)**

This class offers students with learning challenges the opportunity to practice core skills for writing, studying, public speaking, and building relationships.

Placement Scores are used to determine whether the class is required or recommended for the student before freshman year. The grade is not included in the G.P.A.

### **ALGEBRA-S (Summer only)**

**CREDIT: audit (4.A grading)**

This class is for students who need a review of Algebra I or a jumpstart for Algebra II. The students who finished Algebra I below a C or finished Geometry below a C may be required to take this course before taking Algebra II. In some cases, this class may be taken for credit replacement. The guidance counselors can give more advice and direction regarding this course. Grade is not included in G.P.A.

## **CURRICULUM GUIDE**

### ***Introduction***

*This guide is an important part of your academic planning for the next four years. You will use it best if you read through it carefully before you begin to plan your schedule. Ask your parents to read the booklet. Discuss it with them. View all the possibilities before choosing your courses.*

*Note required courses, credits, and prerequisites for courses. Plan your program with the help of the outline provided at preregistration. Consider your special interests, but try to broaden and enrich your background as well. Check on the requirements for entrance to colleges of your interest.*

*Each year you will discuss your choices with parents, teachers, and guidance counselors before finalizing your schedule. Keep this book as a reference during your years at SHG. Revisions will be publicized each year. Counselors will inform students of the revisions prior to registering.*

### ***Achievement of Credit***

All courses required for graduation must be taken at SHG (or a recognized high school in case of transfers). Special arrangements are made for CACC students.

Summer school courses, correspondence courses from other high schools or community colleges, courses transferred from other high schools or home-schools, as well as courses retaken for passing grades are not computed in the student's GPA although the credit may be accepted with administrative approval. Credit for these courses will be placed on the student's permanent record. Grades can be found on the student's transcript on RenWeb.

The Valedictorian and Salutatorian of the graduating class must have attended SHG for four years.

Students verify all non-regular course credits at the end of the semester in which transcripts are received by SHG. They should contact the registrar if credit is not part of their semester grade report.

### ***Course Load and Credit Requirements***

- All students must be enrolled in a minimum of six (6) credits of study for the year and will ordinarily be scheduled for one study period.
- Courses shall be taken in the sequence set by the school. Requests for a study hall for a specific period will not be granted.
- Failed courses must be made up at the first available opportunity.
- Students make up credit lost by repeating the course, attending summer school, or applying for a correspondence course. A maximum of three (3) correspondence courses will be accepted for credit.

- All courses taken in summer programs or by correspondence must be recommended by the Guidance Department according to school regulations.
- Credit is given by the semester.
- Students failing first semester of a full-year course may have to drop the course and arrange to take a semester course during the second semester; grade as issued remains part of the student record. If the course is required, it must be re-taken.
- Credit is issued only once per course.

### ***Minimum Graduation Requirements***

**Note:** These are minimum requirements for graduation from SHG. College bound students must check entrance requirements for individual colleges. A total of 24 credits is required for graduation. Included in this total are the following credits:

**Theology:** Four (4) credits are required of all students. Theology grades are computed in the GPA as an academic subject.

**English:** Four (4) credits are required of all students.  
Two (2) years of writing (state requirement) is included in English.

**Social Studies:** Two and one-half (2.5) credits are required including both World and U.S. History.

**Science:** Two (2) credits are required including Biology.

**Math:** Three (3) credits are required.

**Physical Education/Health:** One (1) credit is required in Physical Education and one-half (.5) credit is required in Health.

**Foreign Language:** Two (2) credits are minimally recommended. Four (4) credits are strongly recommended for college bound students.

**Fine Arts:** One-half (.5) credit in music, art, or speech is required. [Some colleges and universities require one (1) credit.]

**Economics:** One-half (.5) credit is required in designated business courses.

**Digital Literacy:** Students will be able to locate, organize, understand, evaluate, and create information using digital technology in all curricular areas.

**Driver's Education:** One-fourth (.25) credit is not computed in the GPA. It is offered in zero hour and eighth hour only.

**Service:** A minimum of twenty (20) hours of community service is **required EACH YEAR**. Students will be provided with many options for giving Christian service to others through the school service program.

### **5. HOW WILL A STUDENT EARN GRADUATION CREDIT WHILE ATTENDING CLASS AT THE CAREER CENTER?**

A student would spend four periods at SHG in the morning and three periods (including travel time) at CACC in the afternoon. A student earns 1.5 credits each semester. A CACC class is taken as an elective. However, each student must be sure that he/she has fulfilled all required courses at SHG toward graduation requirements. CACC is considered an extension of the school day at SHG.

The following programs are offered at CACC for Grades 11 and 12:

#### **BUSINESS TECHNOLOGY**

- Business Technology Specialist

#### **AUTOMOTIVE AND INDUSTRIAL TECHNOLOGIES**

- Agricultural and Industrial Mechanics - Collision Repair  
- Automotive Technology/Service Technology (a.m. only) - Power Equipment

#### **COMMUNICATION ARTS AND TECHNOLOGIES**

- Communications and Media  
- CISCO networking Academy

#### **CONSTRUCTION AND DESIGN TECHNOLOGIES**

- Heating, Ventilating, and Air Conditioning/Electrical - Welding  
- Drafting/Pre-Engineering - Building Trades

#### **HEALTH AND HUMAN SERVICE OCCUPATIONS**

- Cosmetology - Early Childhood Care and Education  
- Culinary Arts - Law enforcement  
- Health Occupations

Students interested in registering for courses in any of these areas should obtain a CACC Course Description Guide from the SHG Guidance Department.

## ***DRIVER'S EDUCATION***

### **DRIVER EDUCATION**

**CREDIT: 0.25 (No grade weighting) ONE QUARTER GRADE 9-10  
(ACCORDING TO BIRTH DATE)**

**PREREQUISITE: Satisfactory age as determined by State**

The purpose of this course is to provide the information required by law to qualify for a driver's license. The subject areas include the driving task, interacting with traffic, driving in different environments and conditions, and responsibilities of the driver. The behind-the-wheel portion is included with the classroom. The course is offered at SHG during Zero Hour and at 3:10 PM. If students are unable to work the course into their schedule at SHG, they are strongly encouraged to enroll in a course at their local public high school.

## ***INDEPENDENT STUDY***

### **INDEPENDENT STUDY**

**GRADE 12**

**CREDIT: 0.5 or 1.0 (ONE SEMESTER OR FULL YEAR ... to be determined)**

An independent study course may be established between a senior student and a sponsoring teacher for up to one full credit. The course must have specified objectives and a rubric for grading. Although the students will receive a grade for the course, the grade will not be included in the student's GPA. The grade weight will be determined by the rigor of the course. Topics must be approved by the principal and the department chair.

## ***CAPITAL AREA CAREER CENTER***

### **CAREER COURSES**

**CREDIT: 3.0 ONE FULL YEAR**

**GRADE 11, 12**

1. **WHO MAY TAKE A CLASS AT THE CAREER CENTER?**

Juniors and Seniors are eligible. If a student is interested, he/she should contact their counselor before February 1. Completed applications are due at CACC by the end of February.

2. **WHERE IS THE CLASS LOCATED?**

CACC is located south of Springfield on Toronto Road near Lincoln Land Community College.

3. **WHEN DOES THE CLASS START AND HOW LONG DOES IT LAST?**

Class starts about the same time school starts at SHG. The course will last for the entire school year and is two hours and twenty minutes in length each day.

4. **HOW WILL A STUDENT TRAVEL TO AND FROM CACC?**

Bus transportation from SHG to CACC is provided both ways by District 186 each day.

## ***Program Planning for College***

Over 95% of all SHG graduates continue their education at a community college, four-year college or university, or complete some type of post-secondary vocational training. Counselors are available to discuss requirements of these schools and appropriate high school preparation with students and parents.

College bound students need to be aware of varying admissions policies of colleges and universities. It is imperative that the specific entrance requirements of those schools of interest be checked and that the requirements be met prior to high school graduation.

College success has been shown to be related to high school academic preparation. In general, assuming test scores and achievement are adequate, students who have the following preparation will be eligible for admission to most schools:

|                |  |
|----------------|--|
| English        | 4 years  |
| Science        | 3 years of lab science                         |
| Math           | 3 years (includes Algebra I & II, Geometry)    |
| Social Studies | 3 years  |
| World Language | 2 years of same language (4 years recommended) |

Twelve to sixteen credits are needed in the areas of English, Mathematics, Science, Social Science, and Foreign Language (or fine/vocational arts).

The program described above will meet the minimum statewide admission standards for public colleges and universities in Illinois and most private colleges and universities.

## ***Student Placement***

### **Course Classification**

#### **3.A Classes**

Courses with a 3 point A begin at the student's present level of accomplishment, and, using a basic approach to instruction, provide the students with an opportunity for success. Selection for these courses varies from one subject area to another, but is generally based on standardized testing, previous performance, and teacher recommendation. The content is defined by the class name rather than the grade weight.

#### **4.A Classes**

Courses with a 4 point A are those in which the content, the manner of treatment of the material, and the depth and extent of the material covered challenge students of good ability. Admittance to these courses is

automatic unless other recommendations are made by teachers or indicated by standardized tests.

### 5.A Honors Classes

Honors designation is assigned to those courses whose content, in-depth treatment of material, pacing, and expectations of students for independent pursuit of course goals is greater. The focus and purpose of this level course is to provide concentrated, in-depth treatment of particular fields of study that include extensive reading and critical analysis. Criteria for enrollment are outlined later in this guide.

### Dual Enrollment Classes

The content, treatment of material and expectations of the students are equal to those in advanced placement classes. Based on the fact that many young people can complete college-level studies in their secondary schools, it represents a desire of SHG and Benedictine University to foster such experiences. Classes will be taught during the regular schedule at SHG by qualified SHG teachers. These classes are also grade-weighted. Courses: English IV Honors, Physics Honors, Spanish IV Honors, and others. As this pilot program develops, details will be published on the Guidance website. Tuition for the college credit will be paid by the student during the first week of class.

### 6.A Advanced Placement Classes

Advanced Placement (AP) is a cooperative education program of the College Board. Based on the fact that many young people can complete college-level studies in their secondary schools, it represents a desire of schools and colleges to foster such experiences. The AP program is national, its policies are determined by representatives of member institutions, and its operational services are provided by Educational Testing Service. Students enrolled in an AP course are required to take the Advanced Placement examination in the spring. The exam fee is paid by the student during book/i.d. day in the summer.

Students' placements will vary according to criteria below and course prerequisites; there may be movement between level from year to year.

### Criteria: Enrollment in Honors Courses (5.A Grade Weighting) and AP Courses (6.A Grade Weighting)

Students are encouraged to take no more than three (3) honors courses, excluding advanced language.

- I. Freshman Placement Criteria  
Students are enrolled in honors classes taking into consideration the

## ***PHYSICAL EDUCATION DEPARTMENT***

### **Department Goals**

1. Students participating in P.E. classes, intramural, and extramural activities will demonstrate socially acceptable manners when involved in physical activity.
2. Students will demonstrate physical development in the areas of strength, agility, flexibility, and endurance.
3. Students will demonstrate knowledge of rules, strategies, and history of each activity presented.
4. Students will achieve a better self-image, self-esteem, and confidence in themselves.

Students will be able to participate in at least two individual and two team sports at a recreational level (minimum).

Courses in the P.E. Department are offered by the semester. They include individual units dealing with 1) Team Sports, 2) Self-testing Activities, 3) Individual and Dual Activities, and 4) Rhythms.

Each unit of study includes 1) written tests, 2) skills tests, 3) student assignments, and 4) student daily performance.

Each unit stresses:

1. Skills necessary for activity
2. Knowledge of rules
3. Strategies of the activity
4. Safety involved in the activity
5. Care and repair of equipment
6. Appropriate behavior (sportsmanship) as a performer or spectator
7. The elements of physical fitness
8. Vocabulary words related to Physical Education
9. Emotional control of self (and group) under tense, stressful conditions

### **P.E. CO-ED**

**Offered during the summer session; grade not included in cumulative GPA**  
**CREDIT: 0.5 (4.A grading) GRADE 9-12**  
**PREREQUISITE: Registered to attend SHG for Semester 1**

### **P.E. GIRLS**

**CREDIT: 0.5 (4.A grading) ONE SEMESTER GRADE 9-12**  
**PREREQUISITE: Girls Only**

### **P.E. BOYS**

**CREDIT: 0.5 (4.A grading) ONE SEMESTER GRADE 9-12**  
**PREREQUISITE: Boys only**

### **PERFORMING ARTS III (ODD-NUMBERED YEARS)**

**CREDIT: 0.5 (4.A grading) ONE SEMESTER GRADE 11, 12**

#### **PREREQUISITE: Performing Arts II**

Emphasis is on refinement of skills learned in Performing Arts I and II. Students will also be given an opportunity to study plays and staging techniques of major literary periods. Performing Arts II will be taught on odd-numbered years. It will alternate with Advanced Speech Communications.

### **PERFORMING ARTS III HONORS (ODD-NUMBERED YEARS)**

**CREDIT: 0.5 (5.A grading) ONE SEMESTER GRADE 11, 12**

#### **PREREQUISITE: B+ or higher in Performing Arts II**

In addition to the regular requirements of Performing Arts III, the student participates in at least two local speech/performing arts activities or competes in the IHSA Regional and Section Individual Events Contest. The student must function as an effective director within the performing arts class and will write a research paper comparing two significant playwrights and their plays. The student must pass comprehensive tests covering the history and evolution of many dramatic forms. Performing Arts III Honors will be taught on odd-numbered years. It will alternate with Advanced Speech Communications.

### **SPRINGFIELD BALLET COMPANY**

**CREDIT: 0.5 (Grade is not included in cumulative GPA) GRADE 10-12**

#### **PREREQUISITE: Audition with Springfield Ballet Company**

#### **REQUIREMENT: Extra-curricular time for practice and performance**

Students involved with the Springfield Ballet Company may earn SHG credit. This fulfills the one-half credit required in Fine Arts.

## ***HEALTH DEPARTMENT***

### **HEALTH**

**CREDIT: 0.5 (4.A grading) GRADE 9-10**

Testing in each unit of study is based on written tests, skill tests, projects, and a research paper. Students will study the Community First Aid and Safety program through the American Red Cross. CPR training for an adult, child, and infant is included in the training. Students will be instructed on the ramifications of abusing legal or illegal drugs. Human sexuality, infectious and non-infectious diseases, physical fitness, nutrition, and mental health are also included in this course.

following information.

- A. Entrance Test Scores (ACT Explore): Composite: 90; English and Reading: 90; Math: 90
  - B. Junior High school teachers' recommendations
  - C. Standard test scores from junior high school
  - D. Parental input/request
- II. Sophomore, Junior, and Senior Placement Criteria
- A. Cumulative GPA as determined by departments
  - B. Prerequisite grades (jointly determined by the department and the school administration) in subject area and in related area(s) of study as indicated in the Curriculum Guide
  - C. Use of standardized test scores by Guidance Department
  - D. Preregistration in honors courses through the Guidance Department is given the following consideration:
    1. Subject grade as set by the department
    2. Recommendation of teacher
    3. Work habits of student
    4. Motivation of student
  - E. Verification of student registration for honors courses is made from tentative class lists by department chairs/teachers.

#### **Criteria: Enrollment in Courses with 3.A Grade Weighting**

- I. Freshman Placement Criteria  
Students are enrolled in these classes taking into consideration the following information.
  - A. Placement Test Scores (ACT Explore): Composite: below 40; English and Reading: below 40; Math: below 40
  - B. Junior High school teachers' recommendations
  - C. Standard test scores from junior high school
  - D. Parental input/request
  - E. Enrollment in the SHG summer English course may be mandatory.
- II. Sophomore, Juniors, and Senior Placement Criteria
  - A. Prerequisite grades/scores (jointly determined by the department and the school administration) in subject area and in related area(s) of study as indicated in the Curriculum Guide
  - B. Use of standardized test scores by Guidance Department
  - C. Preregistration in 3.A courses through the Guidance Department is given the following consideration:
    1. Subject grade (as set by the department)
    2. Recommendation of teacher
    3. Work habits of student
    4. Motivation of student
  - D. Verification of student registration for 3.A courses is made from

tentative class lists by department chairs/teachers.

### **Registration Procedure**

During registration, students refer to their Curriculum Guide booklets. Pertinent information is provided by the counseling staff.

- Current students and incoming freshmen are registered through the Guidance Department.
  - Current students meet with their Guidance Counselors to discuss their course of studies and, in turn, the students discuss the information with their parents. Parents may arrange for an appointment with Guidance Counselors.
  - Guidance Counselors carefully check that each student's requests enable him/her to meet all course and graduation requirements.
  - The recommendation of the current teacher is needed for a student to change levels of classes.
  - A tentative registration of classes is mailed to students for approval before the classes are permanently scheduled.
  - When a class is filled, students may choose to be placed on a waiting list, but have to register for an alternate course.
  - Department Chairs check that students meet published criteria for courses after end of the year grades are final. Parents and/or students will be contacted if course changes are necessary because the grade criteria was not met during second semester.
  - Students will receive their schedules during the summer. They are expected to remain in the classes chosen.
  - Transfer students shall have past academic, testing, and attendance records forwarded to the Registrar, who shall initiate the registration process according to school procedures. Except in cases of change of residence, new students are normally accepted only at the beginning of a semester. Transfer students must interview with the principal. Transfer students must have 24 credits for graduation.
  - Course changes requested after preregistration may have to be denied because classes are formed and teachers hired on the basis of the initial registration. Course changes initiated by the student/parent and approved by school personnel after the deadline listed on the tentative registration form will cost \$35.
- 
- Parents are advised that human sexuality and reproduction are topics taught in the following classes: Faith and Human Growth, Theology, Morality, Christian Lifestyles, Health, and Biology. If a parent wishes to execute their right to teach these topics, they make arrangements with

### **ADVANCED SPEECH COMMUNICATIONS (EVEN-NUMBERED YEARS)**

**CREDIT: 0.5 (4.A grading) ONE SEMESTER GRADE 9-12**

**PREREQUISITE: Speech I**

Emphasis is on further development of speeches and skills learned in Speech I as well as an opportunity to make a video. Vocal skills and bodily action skills as well as variety in presentations are developed throughout the semester. Advanced Speech will be taught on even-numbered years. It will alternate with Performing Arts I, II, and III.

### **ADVANCED SPEECH COMMUNICATIONS HONORS (EVEN-NUMBERED YEARS)**

**CREDIT: 0.5 (5.A grading) ONE SEMESTER GRADE 9-12**

**PREREQUISITE: Speech I**

This course includes writing and preparing of individual speech selections acceptable for contest. These consist of the following speech types: Original Oration (Oratory), Prose Reading, Verse reading, Radio, Original Comedy, Special Occasion Speech, Impromptu, Extemporaneous, Humorous and Dramatic Duet Acting, humorous and Dramatic Oral Interpretation, Oratorical Declamation, Theatre-in-the-Round, Choral Reading, and Reader's Theatre. Advanced Speech Honors will be taught on even-numbered years. It will alternate with Performing Arts, I, II, and III.

### **PERFORMING ARTS I**

**CREDIT: 0.5 (4.A grading) ONE SEMESTER GRADE 9-12**

**PREREQUISITE: Speech I**

This course is designed to enhance the student's knowledge of drama; recommended for anyone wishing to pursue a career in communications. Students will be afforded an opportunity to perform oral interpretations, prose readings, duet acting, plays, readers' theater, children's theater, and radio.

### **PERFORMING ARTS II (ODD-NUMBERED YEARS)**

**CREDIT: 0.5 (4.A grading) ONE SEMESTER GRADE 10-12**

**PREREQUISITE: Performing Arts I**

Emphasis is on further development of skills learned in Performing Arts I. Students are given the opportunity to direct a presentation for the class, learn make-up artistry, lighting techniques, and play production. Performing Arts II will be taught on odd-numbered years. It will alternate with Advanced Speech Communications.

registration each year. Qualified students are eligible to study for the Silver Cross and Gold Medal awards.

### **VOICE LESSONS**

**CREDIT: 0.5 (No grade weighting) GRADE 9-12**  
**(Grade is not included in cumulative GPA)**

**PREREQUISITE: Written approval of vocal instructor before registering**  
Private voice lessons are available to any student who wishes to develop his/her vocal talent. The credit received fulfills the half-credit Fine Arts requirement. Students come from study hall once each week for the private lesson. On the remaining days, they may practice in the music department or remain in study hall. Priority will be given to students who are currently enrolled in Mixed Chorus, Premiere, and Encore. The cost per weekly lesson of 45 minutes will be announced before registration each year. Qualified students are eligible to study for the Silver Cross and Gold Medal awards.

### **SILVER CROSS**

**CREDIT: 0.5 (No grade weighting) GRADE 11, 12**  
**(Grade is not included in cumulative GPA)**

**PREREQUISITES: Completion of departmental requirements to begin study for Silver Cross**

Students taking private lessons in piano, organ, voice, or band instruments are eligible for the Silver Cross award. An intermediate level of proficiency as well as prescribed works and a recital complete the work necessary for the honor.

### **GOLD MEDAL**

**CREDIT: 0.5 (No grade weighting) GRADE 11, 12**  
**(Grade is not included in cumulative GPA)**

**PREREQUISITES: Silver Cross award; Advanced level of study**

Students taking private lessons in piano, organ, voice, or band instruments are eligible for the Gold Medal award. An advanced level of proficiency as well as proscribed advanced level work and a solo recital complete the work necessary for the honor.

### **SPEECH I**

**CREDIT: 0.5 (4.A grading) ONE SEMESTER GRADE 9-12**

Speeches given by the student include: the speech to inform and persuade, the bodily action speech, the audio and visual aids speech, oral interpretation, and the speech to entertain. Students will be filmed and given a chance to view themselves giving a speech. Development of good listening skills and constructive criticism is also a continual part of the course.

the principal.

### ***Permanent Record***

A permanent record of all semester grades is maintained for each student. This record includes grades, grade point average, credits earned, attendance, service hours, and other vital information.

When a student needs a copy of the permanent record (will not include test scores) for college admission, for transferring to another high school, or for job references, he/she asks guidance to prepare one for mailing. Such copies are considered official transcripts and are never handled by the student. Beyond graduation, additional copies are \$3 each.

### ***Grade Point Average***

Students are provided with both weighted and un-weighted GPA's. Both GPA's are calculated by dividing the total number of quality points by the number of classes taken. The weighted GPA takes into account the grade weighting assigned to classes as well as the grade earned. The un-weighted GPA does not reflect grade weighting, only the grade earned.

As the GPA is figured cumulatively through eight semesters, each student is asked to give the best effort from the start of high school. It is mathematically improbable that a GPA will rise dramatically if the student waits until junior or senior year to begin to work academically.

### ***Grading Scale***

Achievement marks are given in letters corresponding to the following percentages:

### **NUMERICAL STANDARD**

| <u>GRADE</u> | <u>%</u> | <u>VALUE</u> | <u>GRADE</u> | <u>%</u>  | <u>VALUE</u> | <u>GRADE</u> | <u>%</u>   | <u>VALUE</u> |
|--------------|----------|--------------|--------------|-----------|--------------|--------------|------------|--------------|
| A+           | 99-100   | 4.4          | A            | 95-98     | 4.0          | A-           | 93-94      | 3.6          |
| B+           | 91-92    | 3.4          | B            | 87-90     | 3.0          | B-           | 85-86      | 2.6          |
| C+           | 83-84    | 2.4          | C            | 79-82     | 2.0          | C-           | 77-78      | 1.6          |
| D+           | 75-76    | 1.4          | D            | 71-74     | 1.0          | D-           | 69-70      | .6           |
| F            | Below 69 |              | W            | Withdrawn |              | I            | Incomplete |              |

For the "posted" quarter grade the percentage is rounded to the ones place (e.g. 98.5 is rounded to 99; 98.4 is rounded to 98). The semester average is calculated using the percentage grade with two decimal places for each quarter grade and the exam grade.

Some grades are "weighted" in value. The Curriculum Guide indicates the weighted values of grades where applicable. Advanced Placement courses are weighted (A=6.0), honors courses are weighted (A=5.0), and courses with a 3.A are weighted (A=3.0).

## ***Honor Roll***

HIGH HONORS...Students with a G.P.A. of 4.0 or above are eligible for High Honors.

SECOND HONORS...Students with a G.P.A. of 3.2 or above but less than 4.0 are eligible for second honors.

MERIT HONOR ROLL...Students will sign up for this after quarter 2, 3, and 4 are posted. (Listen for announcements.)

## ***Course Change Requests***

1. Course change requests will be considered before classes begin. A fee of \$35 will be charged for any student-initiated course change.
2. A student, with serious reason, may drop a course at the counselor's discretion, provided he/she meets the required credits for the year. After classes begin, student-initiated course changes will be considered for only the first five (5) days of classes. If a course is dropped any time after the first five (5) days, the "grade in progress" will be assigned to the course and appear on the student's report card.
3. Any request to drop a course will be handled on an individual basis. Before any definitive action is taken, the teacher involved will be consulted in person. Written permission from both the teacher and the parent or guardian may be required. If in the opinion of the school staff there is no valid reason for dropping the course, the request will be denied. The following reasons are **NOT** considered adequate for dropping courses:
  - a. Student finds course harder than expected, though he/she is capable of passing.
  - b. Course required more work (or time) than the student wants to give it.
  - c. Remaining in the course would probably lower the student's GPA.
  - d. Student is no longer interested in the subject matter.
  - e. Student does not get along well with the teacher.
  - f. Student wants to be in classes with friends.
  - g. A change in teacher for the course occurred (e.g. during the summer).
4. A teacher's request for student course level change will be considered by the Guidance Department at any time.
5. A course change may not be possible because of numbers currently enrolled in a class or other factors.

## ***Procedures for Course/Schedule Change***

1. The student files a request for schedule change in the Guidance Department. Teachers file requests for student course or level changes with the student's Guidance Counselor.
2. The student's Guidance Counselor checks all requests and assesses fees

## **BEGINNING GUITAR**

**CREDIT: 0.5 (4.A grading) ONE SEMESTER GRADE 9-12**

**PREREQUISITE: Student must provide his/her own guitar, acoustic or electric with small amplifier**

This course will use the guitar to focus on basic music concepts and history. Students will learn to play guitar by studying and listening to music from rock to classical. They will learn to read music and to sight-read simple melodies. They will learn basic music theory, such as key and time signatures, rhythm, and common chord progressions and scales. The class will also touch on basic techniques of vocal production and protection. Students will be expected to play a solo piece for the class by the end of the course. NOTE: this class would not be suitable for students who already play or read music.

## **BAND LESSONS**

**CREDIT: 0.5 (No grade weighting)**

**(Grade is not included in cumulative GPA)**

Private lessons are available on any band instrument to any student who wishes to develop his/her musical potential. The credit received fulfills the half-credit Fine Arts requirement for graduation. Students come from study hall once each week for the private lesson. On the remaining days, they may practice in the music department or remain in study hall. The cost per weekly lesson of 45 minutes will be announced before registration each year. Qualified students are eligible to study for the Silver Cross and Gold Medal awards.

## **STRING LESSONS**

**CREDIT: 0.5 (No grade weighting)**

**GRADE 9-12**

**(Grade is not included in cumulative GPA)**

Private lessons are available in violin, viola, cello, and string bass to any interested student. The half-credit received for a full year of lessons fulfills the Fine Arts requirement for graduation. Students come from study hall once each week for the private lesson. On the remaining days, they may practice in the music department or remain in study hall. The cost per 45 minute lesson is dependent on the fees of the adjunct string teacher. Qualified students are eligible to study for the Silver Cross and Gold Medal awards.

## **PIANO/ORGAN LESSONS**

**CREDIT: 0.5 (No grade weighting)**

**GRADE 9-12**

**(Grade is not included in cumulative GPA)**

Private lessons in piano and organ are available to any interested students. The credit received fulfills the half-credit Fine Arts requirement for graduation. Students come from study hall once each week for the private lesson. On the remaining days, they may practice in the music department or remain in study hall. The cost per weekly lesson of 45 minutes will be announced before

## **PREMIERE HONORS**

**CREDIT: 1 (5.A grading)**

**GRADE 10-12**

**PREREQUISITE: Minimum grade of A- in previous year of Choral group; consultation with director; ability to read and learn intermediate level music.**

**REQUIREMENT: Extra-curricular time for practices and performances**

This course is designed for Premiere students who wish to study Music History and Theory at an honors level and develop their abilities as soloists and performers. In addition to the regular Premiere work, students must audition for the IMEA District Chorus. After independent study, students must pass a comprehensive test in music theory or music history. Students will prepare and present a research paper on an assigned topic in Musicology. Private voice lessons or an extensive piano background is recommended for students in the honors program. Honors students must enroll for the full year.

## **ENCORE**

**CREDIT: 1 (4.a grading)**

**GRADE 9-12**

**PREREQUISITE: Audition Only**

**REQUIREMENT: Extra-curricular time for practices and performances**

This select group of vocalists will further develop at the accelerated and/or college-level the technical, musical, and performance skills learned in Mixed Chorus and Premiere. They represent SHG as a show choir and study a wide variety of advanced choral literature. They continue the study of music theory and history and refine their sight reading and aural skills. All Encore students perform in the Christmas and Spring shows and at the IHSA Contests. This group also performs frequently throughout the year at civic and community events. Scheduled performances and practices are mandatory for all members and contribute to the course grade. Students are required to audition for the Spring musical. Enrollment in Encore is for the full year.

## **ENCORE HONORS**

**CREDIT: 1 (5.A grading)**

**GRADE 10-12**

**PREREQUISITE: Minimum grade of A- in previous year of Choral group; consultation with director; ability to read and learn college level music independently.**

**REQUIREMENT: Extra-curricular time for practices and performances**

This course is designed for Encore students who wish to study Music History and Theory at an honors level and develop their abilities as soloists and performers. In addition to the regular Encore work, students must audition for the IMEA District Chorus. After independent study, students must pass a comprehensive test in music theory or music history. Students will prepare and present a research paper on an assigned topic in Musicology. Private voice lessons or an extensive piano background is recommended for students in the honors program. Honors students must enroll for the full year class.

according to the school policies.

3. If the request is a student request (no school error involved) the Guidance Counselor will follow above mentioned regulations in allowing/disallowing the course change.
4. If a change is granted, the Guidance Counselor is responsible for issuing a Schedule Change Form to the student. This form is taken by the student to all teachers involved and then returned to Guidance.
5. The student follows the new schedule when final approval is given by Guidance.
6. The approved Schedule Change Form (pink copy) is given to the student to give to the new teacher as an admit to class.

## ***Failures and Academic Probation***

1. The action to be taken when a student fails the first semester of a course varies with the department. Specific guidelines are available through Guidance.
2. Students with a GPA of 1.5 or below are placed on academic probation. Students who fail a required course are placed on probation until the credit is attained.
3. Academic probation should be a means of challenging the student to work to the best of his/her ability, rather than a punishment. Special arrangements (e.g. tutoring, summer school) may be made.
4. Student progress will be monitored during the probation period (usually a semester). At the end of the probationary period, one of the following courses of action will be taken:
  - a. Student may be removed from probation because of significant progress.
  - b. Student probation will be extended (limit: an additional semester).
  - c. Student and parents will be advised that the student does not seem able and or willing.
  - d. Lack of improvement may result in cancellation of registration.

## ***Eligibility***

Diocesan policy states: "School sponsored athletic programs are to be guided by the general curriculum goals of the school and should in no way detract from the academic and religious goals of the school." At Sacred Heart-Griffin, this policy extends to all extra-curricular involvement.

Students must be in classes on the day in which they participate in or attend school activities. Because of the primary importance of academic achievement, students who participate in extra-curricular activities are expected to be in good academic standing. A student must possess a minimum cumulative grade point average of C- (1.6) and currently maintaining a C-average with no F's to qualify for elections or try-outs.

Organizations within the school, however, retain the right to set higher standards than those given above. Some of these are listed below:

- Class/Student Council Officers: minimum cumulative GPA of 2.45 or better; no record of disciplinary probation or suspension during the past year; attendance at a leadership training session.
- National Honor Society: minimum cumulative GPA of 3.800; no major infraction of school policy, disciplinary probation or drug/alcohol related instances; hours of service (75 for juniors and 100 for seniors); membership in at least two school, church, or community organizations; and satisfactory character ratings.

After try-outs or elections, eligibility is as follows:

When a student receives a failing grade at the weekly eligibility check, the student is rendered ineligible to play for one (1) week. The ineligibility runs from Tuesday to Tuesday.

- If at the next weekly eligibility check the student has not raised the failing grade, he/she remains ineligible until the weekly eligibility check reflects a passing grade.
- The eligibility check for the first week of the quarter will be based on the report card grade of the preceding quarter. The eligibility for weeks 2-9 of the quarter will be based on grades/achievement from the beginning of the present quarter (this does not include the cumulative points from the preceding quarter).
- Students are encouraged to be responsible for taking the initiative to connect with teachers and/or guidance counselors to make a plan to improve his/her academic standing. It is **NOT** appropriate for the student to approach a teacher to ask for a grade change for that week or for a higher grade without doing the work.
- Students who are ineligible are not allowed to participate in the practices for the week.
- Students who are ineligible are not allowed to participate in the contest or function, nor are they allowed to be dressed in the team's uniform for the game or team function.

Students are encouraged to work with instructors to improve their standing.

### ***Withdrawals***

Transfer requests are taken to the Principal. No transcript or recommendations will be issued by the school until all obligations, financial and otherwise, are met. Interim grades are provided where appropriate.

### **MIXED CHORUS**

**CREDIT: 0.5 or 1 (4.A grading)**

**GRADE 9-12**

**ONE SEMESTER OR FULL-YEAR**

**PREREQUISITE: No previous requirement necessary**

Mixed Chorus is a choral group which has musicianship, excellence and performances as its primary goals. In this class, students will learn vocal techniques, basic music theory as well as choral music. Students will also learn the performance skills of movement, communication and stage presentation. In the first semester, all students perform at Preview Night, the Christmas Show, and at selected school and community events. In the second semester, students may perform at IHSA State Contest, the Spring Concert, and at other selected events. Scheduled performances and practices are mandatory for all members and contribute to the course grade. Students are encouraged to take Mixed Chorus for the full year, but may take it for a semester if the full year is not possible.

### **MIXED CHORUS HONORS**

**CREDIT: 1 (5.A grading)**

**GRADE 10-12**

**PREREQUISITE: A - or higher in previous Mixed Chorus; Consultation with director; ability to read and learn college-level music independently**

This course is assigned for Mixed Chorus students who wish to study Music History and Theory at an honors level and develop their ability as soloists and performers. In addition to the regular Mixed Chorus work, students must audition for the IMEA District Chorus. After independent study, students must pass a comprehensive test in music theory or music history. Students will prepare and present a research paper on an assigned topic in Musicology. Private voice lessons or an extensive piano background are recommended for students in the honors program. Honors students must enroll for the full year of class.

### **PREMIERE**

**CREDIT: 1 (4.A grading)**

**GRADE 9-12**

**PREREQUISITE: Audition Only**

**REQUIREMENT: Extra-curricular time for practices and performances**

This select group of vocalists will further develop at an intermediate level the technical, musical, and performance skills learned in Mixed Chorus. In the first semester, all students will perform at Preview Night, the Christmas Show, and may perform on the Christmas Tour. In the second semester, students participate at IHSA contest, the Spring Concert, and selected community events, such as the Spring Tour. Schedule performances and practice are mandatory for all members and contribute to the course grade. Students are encouraged to audition for the Spring musical. Enrollment in Premiere is suggested for the full year.

### **FASHION III -**

**CREDIT: 1 (4.A grading)**

**GRADE 12**

**PREREQUISITE: Fashion I and II with permission of the Teacher**

Fashion III is a continuation of the sewing, garment construction, and design skills developed in Fashion II. It provides students the opportunity to explore entrepreneurship in fashion and sewing. Students will act as the management team in any entrepreneurial functions. Students will continue research in careers in fashion, apparel and textiles, and global fashion production, and present an area of interest. Students will demonstrate an understanding of retail math. Each semester, students are allowed to specialize in an area of interest for an independent project.

### **BAND**

**CREDIT: 0.5 or 1 (4.A grading)**

**GRADE 9-12**

**ONE SEMESTER OR FULL YEAR**

**PREREQUISITE: Prior experience on a band instrument or currently enrolled in band lessons**

**REQUIREMENT: Extra-curricular time for practice and performance**

Students have an opportunity to understand and perform diverse styles of music in the Marching, Concert, and Pep Bands. An opportunity to participate in contests and/or competitions either as an individual or in small ensembles is also offered through the Band. Participation in Band requires out-of-school performances throughout the year. Members are expected to attend rehearsals and performances as scheduled. Students are encouraged to take Band for the full year, but may take Band for one semester if the full year is not possible. COURSE FEE: Music and materials

### **SANGAMON VALLEY YOUTH SYMPHONY**

**CREDIT: 0.5(Grade is not included in cumulative GPA) GRADE 10-12**

**PREREQUISITE: Instrumental audition with Youth Symphony Director**

**REQUIREMENT: Extra-curricular time for practice and performance**

Students involved with the local Youth Symphony may earn SHG credit. This fulfills the one-half credit required in Fine Arts.

### **BAND HONORS**

**CREDIT: 1 (5.A grading)**

**GRADE 10-12**

**PREREQUISITE: 3.6 or higher in previous year; audition/consultation with Band Director**

In addition to the regular Band requirements at an A level, the student will successfully prepare the audition materials and participate in the District IMEA Band Festival and All-State. The student will also participate in the IHSA Solo and Ensemble Contest in the Spring. The student will prepare/present a research paper on an area of Musicology. The student will learn and pass a comprehensive test in Music Theory or Music History equivalent to the first level in college.

## **COURSE DESCRIPTIONS**

One (1) credit for a full year course; a half (.5) credit for a semester course.

### ***THEOLOGY DEPARTMENT***

#### **Department Goals**

1. Students will examine a life of faith rooted in Jesus Christ.
2. Students will be able to identify and apply the essential teachings of scripture.
3. Students will utilize the religious traditions to enhance their faith and spirituality.
4. Students will contribute to the fulfillment of God's Kingdom as an active individual living in a global community.
5. (An internal goal) Students will witness to the living presence of God who loves and saves us.

### **THEOLOGY I: FAITH & HUMAN GROWTH**

**CREDIT: 1 (4.A grading)**

**GRADE 9**

**REQUIRED**

This course assists students in adjusting to high school life. It is designed to further student growth as Christian persons and provides an overview of the Catholic Christian faith. Additional topics covered are: Church history, Church dogma and doctrine, current social issues, dating, and sexuality.

### **THEOLOGY II: OLD TESTAMENT & MORALITY**

**CREDIT: 1 (4.A grading)**

**GRADE 10**

**REQUIRED**

This course provides a general study of the Old Testament for one semester. Through study of the Old Testament, students are presented a Catholic understanding of the Scriptures and how they are to be interpreted. The study of moral theology in the next semester provides students an opportunity to apply their faith to the actions of their everyday life.

### **THEOLOGY: High School Summer Preaching Institute**

**CREDIT: .25 (Not included in cumulative GPA)**

**GRADE 11**

**ELECTIVE**

This one-week, 40-hour course is designed to train students in the Dominican charism. Through study of the main elements of Dominican spirituality, students come to appreciate their role as preachers within the school, home, and church communities. Upon completion of the Institute, students will assist in training of others with the charism.

### **THEOLOGY III**

**CREDIT: 1(4.A grading) (0.5 for each semester)**

**GRADE 11**

#### **REQUIRED**

#### **SEMESTER 1: NEW TESTAMENT**

The Second Vatican Council declared that the Gospel is the “source of all saving truth and moral discipline” (**Dei verbum 7**). As followers of Christ, we look to the New Testament, especially the four gospel accounts of Matthew, Mark, Luke, and John, to understand the one Gospel that our Lord Jesus Christ proclaimed. Through a careful reading of New Testament passages and the textbook, this course will seek to deepen the student's understanding of the Gospel while fostering a closer personal relationship with Jesus. It will examine the Catholic approach to scripture which is rooted in both Sacred Tradition and the Magisterium.

#### **SEMESTER 2: SOCIAL JUSTICE IN THE CHRISTIAN TRADITION**

In 1998, the U.S. Catholic bishops issued a statement entitled “Sharing Catholic Social Teaching: Challenges and Directions.” In this document, the bishops make clear that Catholic social teaching is an essential part of our faith life. We are called to be leaven for the transformation of the world. Through an examination of various papal and conciliar documents along with a careful reading of the textbook, this course will explore the need to build a just society in our modern world. We will examine the central themes of Catholic social teaching and apply them to our world. We will come to appreciate more deeply how our faith calls us to action on behalf of the poor and neglected.

#### **OR:**

#### **SEMESTER 2: SERVICE IN THE COMMUNITY**

CREDIT 0.5 (Pass/Fail)

In lieu of the Social Justice course, this formative credit would allow students to experience Gospel values through service placements in the community. Service must fundamentally express our solidarity with others, and this course is designed to teach students that service is not *working for* others, but is and opportunity to *work with* others. Fourteen hours of service (one hour per week of the course) will be required in addition to meetings with the supervising teacher, doing assigned readings from the text(s), and completing a journal. [This pilot course will have a limited enrollment.]

### **THEOLOGY IV**

**CREDIT: 1 (4.A grading)**

**GRADE 12**

#### **ONE SEMESTER: SACRAMENTS**

Sacraments is a semester long course that addresses the seven Sacraments of the Catholic Church. Special emphasis is placed on sacramental imagination, remembrance, the historical development of each of the sacraments, and the post-Vatican II sacramental life of the Church. This course will also consider the topic of church vocation.

#### **ONE SEMESTER: WORLD RELIGIONS**

experience in Journalism classes. Students will take on an editorship and work on independent projects based on their area of interest.

### **FASHION**

Fashion I, II, and III will integrate knowledge, skills and practices required for college study in textiles and apparel, and to enjoy success in personal sewing. Students are required to showcase their work in an annual fashion show. Demonstration and application of core subject knowledge is incorporated in the course. All fashion courses fulfill the one-half credit required in Fine Arts.

#### **FABRIC FUNDAMENTALS**

**CREDIT: 0.5 (4.A grading) ONE SEMESTER**

**GRADE 10-12**

This introductory course is a study of basic fabric concepts, machine and hand sewing skills, and clothing repair. Students will demonstrate application of skills in several sewing, design, and alteration/repair projects.

#### **FASHION I**

**CREDIT: 1 (4.A grading)**

**GRADE 10-12**

Fashion I begins the introduction to sewing, garment construction, and design. No prior sewing experience is required. Students will develop a portfolio and use a variety of tools and equipment to create apparel and decorative items. Students will demonstrate basic sewing skill development, knowledge of textile and apparel vocabulary and concepts, fiber characteristics and care, color theory, and elements of design. Students will study the history of fashion and present an area of interest.

#### **FASHION II**

**CREDIT: 1 (4.A grading)**

**GRADE 11, 12**

**PREREQUISITE: Fashion I with permission of the Teacher**

Fashion II is a continuation of sewing, garment construction, and design skill development. Students will continue development of portfolios and use a variety of tools and equipment to create apparel and decorative items. Students will demonstrate sewing skill development, knowledge of garment analysis, trend analysis, and careers in the fashion industry. Students will research college curriculums in clothing and textiles. Students will research careers in fashion, apparel, and textiles. Students will present an area of interest.

This is a course in advanced drawing, painting, printmaking, ceramics, and sculpture. Photography with both a manual and digital camera is introduced, as well as an introduction to Photoshop and digital imaging. Students paint in watercolors and acrylics. There is an in-depth study of the art principles as applied to design and drawing projects. Art appreciation is developed throughout the year, especially through discussions of aesthetics. Students will make an in-depth study of an American artist.

### **ART III HONORS**

**CREDIT: 1 (5.A grading)**

**GRADE 11, 12**

**PREREQUISITE: A- or higher in Art II**

This course is for the dedicated art student who has demonstrated a high proficiency in Art II. The course follows the Art III program of Photography, into to Photoshop, advanced drawing, painting, ceramics, sculpture, and printmaking. Within the curriculum, the student will develop sixteen finished art pieces for a portfolio. The portfolio will enable the student to apply for college scholarships or art competitions. Students will make an in-depth study of an American artist.

### **ART IV**

**CREDIT: 1 (4.A grading)**

**GRADE 12**

**PREREQUISITE: B- or higher in Art III**

This is an opportunity for fourth-year art students to concentrate on areas of interest and work on directed, independent projects. Students must produce at least sixteen pieces of art; four per quarter. Students are required to produce two pieces of printmaking, ceramics, sculpture, painting, and drawing. Projects must be matted or mounted and students must submit pre-project research and post-project evaluations with each piece.

### **ART IV HONORS**

**CREDIT: 1 (5.A grading)**

**GRADE 12**

**PREREQUISITE: B+ or higher in Art III**

This course is established to meet the needs of advanced fourth-year art students who wish to follow a course of art instruction that is comparable to college-level study with directed independent projects. The major emphasis of the course will be the construction of a student portfolio and the production of the Golden Palette Senior Art Show. The Golden Palette Award is given to graduating seniors who have produced twenty pieces of quality art in the senior year. Projects must be matted or mounted and accompanied by pre-project research materials and written post-project self-evaluations of their work. There will be an on-going, in-depth study of art history, artists, and media applications.

### **JOURNALISM IV HONORS (Independent Study)**

**CREDIT: 1 (5.A grading)**

**GRADE 12**

Journalism IV is for experienced Journalism students. All details to be arranged with the Journalism teacher. Student must have three years

This course will examine the major religions of the world with respect to their theoretical, practical, and sociological expressions. The intent is to achieve an informed understanding of diverse traditions while appreciating the unique gift of our Catholic Christianity. A special emphasis will be placed upon current political, social, and economic problems that have a religious component.

## ***ENGLISH DEPARTMENT***

### **Department Goals**

1. Students will be able to distinguish between effective and non-effective communication.
2. Students will demonstrate appropriate communications skills, both oral and written.
3. Students will be exposed to the practical and aesthetic values of literature.
4. Students will be able to implement the research process utilizing investigation, comparison, and assimilation.
5. Students will be able to relate how language and literature apply to the overall context of history, philosophy, and culture.

### **ENGLISH I: LITERARY FORMS/COMPOSITION**

**CREDIT: 1 (3.A grading)**

**GRADE 9**

**PREREQUISITES: Placement Test Scores; Jr. High Recommendation**

This course, through a measured pace of study, offers an introduction to the five basic genres: Novel, Short Story, Essay, Poetry, and Drama. It focuses on literary forms and themes and emphasizes improved skills in grammar and composition. An introduction to the library and the research process is presented.

### **ENGLISH I LITERARY FORMS/COMPOSITION**

**CREDIT: 1 (4.A grading)**

**GRADE 9**

**PREREQUISITES: Placement Test Scores; Jr. High Recommendation**

This course offers a comprehensive study of the five basic genres: Novel, Short Story, Essay, Poetry, and Drama. It focuses on literary forms, themes, and style and further develops skills in grammar and composition. A report research paper is required.

### **ENGLISH I: LITERARY FORMS/COMPOSITION**

**CREDIT: 1(5.A grading)**

**GRADE 9**

**PREREQUISITES: Placement Test Scores; Jr. High Recommendation**

This course offers an in-depth study of selected works of major authors in the five literary genres and encourages the development of more advanced skills in grammar and composition. A research paper is required. Summer reading is also a requirement.

### **ENGLISH II: WORLD LITERATURE/COMPOSITION**

**CREDIT: 1 (3.A grading)**

**GRADE 10**

**PREREQUISITES: English I-3A; English I-4A, grade lower than C-; and Freshman English Teacher Recommendation**

This course offers a survey of a wide variety of literary works from around the world. The textbook will be supplemented with outside novels. Students are encouraged to see comparisons in ideas and styles. A report research paper will be required.

**ENGLISH II: WORLD LITERATURE/COMPOSITION**

**CREDIT: 1 (4.A grading) GRADE 10**

**PREREQUISITES: English I-3.A, grade B- or higher; English I-4.A, grade C- or higher; English I-H, grade lower than B-; and Freshman English Teacher Recommendation**

This course offers a survey of a wide variety of literary works from around the world and encourages the student to recognize the historical process of ideas. A thesis research paper is required and novels will also be read. This class encourages discussion, oral and written presentations, and group and individual projects.

**ENGLISH II: WORLD LITERATURE/COMPOSITION**

**CREDIT: 1 (5.A grading) GRADE 10**

**PREREQUISITES: English I-4.A, grade A- or higher; English I-H, grade B- or higher; and Freshman English Teacher Recommendation.**

This course offers an in-depth, fast-paced study and survey of a variety of literary works from around the world and encourages the student to see the importance of ideas through civilization and how these ideas apply to them and to their century. Creative and analytical composition is required, as is a thesis research paper. This course is supplemented by novels and summer reading is required.

**ENGLISH III: AMERICAN LITERATURE/COMPOSITION**

**CREDIT: 1 (3.A grading) GRADE 11**

**PREREQUISITES: English II-3.A; English II-4.A, grade lower than C-; and Sophomore English Teacher Recommendation**

In this course, students study selected works of major American writers and continue to work on composition skills. Outside novels supplement the course and a report research paper is required.

5. Students will be able to relate a work of art, drama, or music to its appropriate historical period and style.
6. Students will be able to explain how the components of a piece of art, drama, or music work together to convey a meaning or message.
7. Students will be able to explain how a specific fine art contributes to and enriches human life.

**ART FUNDAMENTALS**

**CREDIT: 0.5 (4.A grading) ONE SEMESTER GRADE 9-12**

This introductory course is a study of basic art concepts. Emphasis is on studio projects exploring the elements and principles of art and design in a variety of media and in two and three dimensions. The course will include a broad overview of art history for the purpose of understanding the historical, cultural, and spiritual significance of the visual arts. Students will learn about diverse approaches to art and build a vocabulary with which to think critically and communicate about works of art.

**DRAWING I**

**CREDIT: 0.5 (4.A grading) ONE SEMESTER GRADE 9-12**

The focus of this class is to introduce and provide practice in the skills needed for realistic drawing. Perceptual skills, technical skills, and expressive skills will be given equal emphasis. The class provides students with an opportunity to build self-confidence in drawing through traditional assignments such as the still life and portrait as well as numerous informal opportunities of drawing from observation and from photographs. Various media, mainly black and white, will be used.

**PRINTMAKING/SILKSCREENING**

**CREDIT: 0.5 (4.A grading) Offered semester 2 only GRADE 9-12**

This introductory course is a study of basic art concepts through printmaking. Emphasis is on studio projects exploring the elements and principles of art and design in a variety of projects. The course will include an overview of the main elements of art, as well as, explore various artists and techniques within this art style. Students will develop the vocabulary and ability to discuss others' artwork, as well as their own.

**ART II**

**CREDIT: 1 (4.A grading) GRADE 10-12**

**PREREQUISITE: B or higher in Art Fundamentals or Drawing I**

This course is a study of the art elements and principles learned throughout Art Fundamentals and/or Drawing I which apply to painting and drawing in various styles and combinations. This course also includes ceramics, sculpture, printmaking, advertising, and art history.

**ART III**

**CREDIT: 1 (4.A grading) GRADE 11, 12**

**PREREQUISITE: B or higher in Art II**

college preparatory and vocational in nature. It provides a foundation on which students can build when taking college accounting courses.

### **INTERNSHIP PROGRAM**

**CREDIT: .5 (No grading) GRADE 11, 12**

**PREREQUISITES: Financial Aid Assessment Form completed and submitted; application; teacher/staff recommendations; interview with selection committee.**

**REQUIREMENTS: Financial need; availability to work after school, school breaks, and some Saturdays; fulfillment of curriculum requirements, and biweekly meeting with intern instructor.**

Selected students will work as interns for businesses in the community receiving tuition assistance and a .5 business elective credit. The curriculum provides student interns with the knowledge to develop skills which will enhance their effectiveness in the workplace.

### **BUSINESS LAW**

**CREDIT: 0.5 (4.A grading) ONE SEMESTER GRADE 12**

Business Law presents an introduction to law structure and fundamentals of rights, responsibilities, and risks students will encounter. The course will include a brief presentation of criminal and civil proceedings. It will also cover contractual obligations arising from sales, insurance, bailment, etc. This course is designed to show how laws are positive in nature rather than negative.

### **MARKETING**

**CREDIT: 0.5 (4.A grading) ONE SEMESTER GRADE 12**

Marketing is a one semester course that is designed to introduce students to the marketing activities that provide products and service for the satisfaction of consumer needs and wants. Areas covered will include product planning and production, distribution functions and institutions, purchasing and pricing, and promotion. Emphasis is placed on understanding of the entire marketing process and its relation to our free enterprise system.

## ***FINE ARTS DEPARTMENT***

### **Department Goals**

1. Students will participate in aesthetic and artistic activities, exhibiting creative ability.
2. Students will develop practical, intellectual, and performance skills in a least one specific fine arts area.
3. Students will demonstrate the ability to critique and improve performances, thus acquiring perseverance through practice, and growing in self-confidence.
4. Students will practice the human skills of self-discipline, responsibility, goal-setting, and group cooperation through the experience of fine arts and its demands.

### **ENGLISH III: AMERICAN LITERATURE/COMPOSITION**

**CREDIT: 1 (4.A grading) GRADE 11**

**PREREQUISITES: English II-3.A, grade B- or higher; English II-4.A, grade C- or higher; English II-H, grade lower than B-; and Sophomore English Teacher Recommendation**

This course offers a comprehensive study of American Literature and authors. Composition skills are reinforced and a thesis research paper is required. The course is supplemented by novels, group and individual presentations, and discussion.

### **ENGLISH III: AMERICAN LITERATURE/COMPOSITION**

**CREDIT: 1 (5.A grading) GRADE 11**

**PREREQUISITES: English II-4.A, grade A; English II-H, grade B or higher; and Sophomore English Teacher Recommendation**

This is an in-depth study of major works of American Literature and authors. The content and treatment of material in volume, depth, and speed are challenging. Extensive reading, note taking, and composition are required. The course is supplemented by novels. A thesis research paper and summer reading are required.

### **ENGLISH IV: ENGLISH LITERATURE/COMPOSITION**

**CREDIT: 1 (3.A grading) GRADE 12**

**PREREQUISITES: English III-3.A; English III-4.A, grade lower than C- and Junior English Teacher Recommendation**

In this course, students read a selected group of English authors, poets, and playwrights. Composition includes both creative writing and a report research paper on an assigned topic. Papers are to be typed.

### **ENGLISH IV: ENGLISH LITERATURE/COMPOSITION**

**CREDIT: 1 (4.A grading) GRADE 12**

**PREREQUISITES: English III-3.A, grade B- or higher; English III-4.A, grade C- or higher; English III-H, grade B- or lower; and Junior English Teacher Recommendation**

This course offers a comprehensive survey of English literary periods. Students analyze the literature through discussion and a variety of writing assignments. A thesis research paper is required. Papers are to be typed.

### **ENGLISH IV: ENGLISH LITERATURE/COMPOSITION**

**CREDIT: 1 (5.A grading) GRADE 12**

**PREREQUISITES: English III-4.A, grade A; English III-H, grade B+ or higher. Students who have not earned the requisite grade in English III are required to have English III instructor approval prior to registering for English IV-H.**

This course offers an in-depth study of representative writers from the major English literary period as well as consideration of Classic Western Literature. Students are challenged to examine the literature through extensive reading,

class discussion, and critical writing. Two thesis researched essays and summer reading are requirements. This course is offered for dual credit with Benedictine University. Go to [www.shg.org](http://www.shg.org) for more information.

**ENGLISH IV: AP ENGLISH LITERATURE/COMPOSITION**  
**CREDIT: 1 (6.A grading) GRADE 12**  
**PREREQUISITES: English III-H, 90%. Students who have not earned the requisite grade in English III are required to have English III instructor approval prior to registering for English IV-AP.**

Advanced Placement, a National Honors Level course sponsored by the College Board, focuses on the student's ability to develop further analytical and writing skills previously demonstrated in English III-H. The survey of literature is extensive and literary selections may vary from one year to the next. This course is designed to replicate the college experience, and classes are conducted in a seminar style. Students are required to take the AP exam in the spring. Two thesis researched essays and summer reading are requirements. This course is offered for dual credit with Benedictine University. Go to [www.shg.org](http://www.shg.org) for more information.

AP Exam required. Test Fee is paid by student.

**JOURNALISM I**  
**CREDIT: 1 (4.A grading) GRADE 9-12**  
**PREREQUISITES: B average in all previous English classes; must maintain a "C" average or teacher recommendation**

Journalism I is an elective course counted as an additional English credit. Journalism I students will be expected to learn how to write in newspaper style. Students will also be expected to learn the basics of computer usage and basic newspaper layout. Students are expected to make an after school and weekend time commitment to this class to produce the Campus Crier newspaper, a news magazine, a literary magazine, and/or produce news videos. Journalism I and/or II may be taken for one semester for .5 credit.

**JOURNALISM II**  
**CREDIT: 1 [.5 English & .5 Fine Arts] (4.A grading) GRADE 10-12**  
**PREREQUISITES: B average in all previous English classes; Journalism I required, "C" average or teacher recommendation.**

Journalism II is an elective course. Journalism II students will increase their writing skills, moving from the more strict style of newspaper and sports writing, to opinions, features, and review writing. Some students from this class will assume leadership positions for the newspaper or magazines. These students will learn the components of physical layout and how to use a complex computer program to place stories, photographs, and graphics on the page. Time will also be spent learning the basics of photography and Photoshop. Students are expected to make an after school and weekend time commitment to produce various media.

**JOURNALISM III**

## ***BUSINESS DEPARTMENT***

### **Department Goals**

1. Students will be able to identify practical economics, basic principles of free enterprise and entrepreneurship, as well as ethics in business.
2. Students will acquire knowledge of the accounting cycle so as to further their understanding of the activities of the business world and their own personal business affairs.
3. Students will be able to identify legal problems which may call for legal assistance.
4. Students will be able to relate the law to society, the citizen, the minor, and the consumer.
5. Students will develop keyboarding skills and computer literacy sufficient enough to be successful in the business and professional world of the future.
6. Students will develop widespread familiarity with the computer as a personal productivity tool in the areas of word processing, data organization and retrieval, and number manipulation.

### **INTRODUCTION TO BUSINESS**

**CREDIT: 1 (4.A grading) GRADE 10-12**

Introduction to Business introduces economic concepts and the problem-solving approach to business and economic problems. It introduces the service of business: banks, stores, credit agencies, insurance companies, investment firms, saving institutions, transportation companies, and other enterprises. The course thus enables the student to acquire skills and insights to become a more efficient user of these services. It presents the relationship of business to government, labor, and international trade. Emphasis is placed on how each student can plan for a successful future in our economic world. This course will satisfy the consumer education requirement.

### **CONSUMER ECONOMICS**

**CREDIT: 0.5 (4.A grading) ONE SEMESTER GRADE 10-12**

**PREREQUISITE: No credit or concurrent enrollment in Introduction to Business**

This course is designed to give students practical knowledge of personal economics that all citizens must deal with on a day-to-day basis. It is intended to provide them with the skills needed to be more informed and effective consumers as they prepare to enter the marketplace. Topics covered include banking, savings, investments, taxes, insurance, and credit. The course satisfies the consumer education requirement.

### **ACCOUNTING**

**CREDIT: 1 (4.A grading) GRADE 11,12**

**PREREQUISITES: GPA of 2.5 or higher**

Accounting provides the student with the opportunity to develop a working knowledge of basic accounting theory and principles. The class work integrates computer input of accounting information. The course is both

## **COMPUTER SCIENCE DEPARTMENT**

### **Department Goals**

1. Students will be able to relate problem solving ability to the process of programming the computer.
2. Students will be able to research and analyze the world as a global community through the increased use of the computer as a telecommunications tool.

### **COMPUTER SCIENCE I**

**CREDIT: 1 (4.A grading)**

**GRADE 10-12**

**PREREQUISITE: GPA of 2.4 or higher**

For those seriously interested in programming including Internet applications.

The course will cover the skills and strategies of programming and program design and fundamentals of HTML. A web-compatible programming language will be used to teach procedures, functions, arrays, data files, sound, and graphics. Problem solving skills will be emphasized. By the end of the course, students will be able to write easily usable, sophisticated programs.

### **COMPUTER SCIENCE HONORS**

**CREDIT: 1 (5.A grading)**

**GRADE 11, 12**

**PREREQUISITE: Computer Science I, B+ or higher**

A college-level course devoted to a study of programming methodology, algorithms, objects, and data structures. The Java programming language is used to illustrate and implement the computer science principles. Also included in the course are the topics of computer systems as a whole and the social implications of computing.

### **COMPUTER APPLICATIONS I**

**CREDIT: 0.5 (4.A grading) ONE SEMESTER**

**GRADE 9-12**

This course is designed to develop keyboarding and software skills associated with personal computers. The course will include word processing and introduce presentations and spreadsheets.

### **COMPUTER APPLICATIONS II**

**CREDIT: 0.5 (4.A grading) ONE SEMESTER**

**GRADE 9-12**

**PREREQUISITE: Computer Applications I**

Building on Application I, this course is designed to cover advanced word processing functions such as graphics, merge, styles, and sorting. The course will also cover databases and spreadsheets. The students will learn to store and display data and manipulate numerical information.

**CREDIT: 1 [.5 English & .5 Fine Arts] (4.A grading) GRADE 11-12**

**PREREQUISITES: B average in all previous English classes. Journalism I and II required, "C" average or teacher recommendation.**

This is an elective course. Students will assume major leadership positions, including editor-in-chief and editor of specific areas of the newspaper. These students will be responsible for topic ideas and assigning them to respective departments. Students are expected to make an after school and weekend time commitment to this class to produce the Campus Crier newspaper, a news magazine, a literary magazine, or produce news video.

### **JOURNALISM III HONORS**

**CREDIT: 1[0.5 English & 0.5 Fine Arts] (5.A grading) GRADE 11-12**

**PREREQUISITE: B average in English; A in previous Journalism classes**

This is an elective course. Students will assume major leadership positions, including editor-in-chief and editor of specific areas of the newspaper. Honors students will develop skills in more specific areas such as news writing, design, photography, sports writing, or copy editing.

### **JOURNALISM IV (Independent Study)**

**CREDIT: 1 (4.A grading)**

**GRADE 12**

Journalism IV is for experienced Journalism students. All details to be arranged with the Journalism teacher. The student must have three years experience in journalism classes.

### **JOURNALISM IV HONORS (Independent Study)**

**CREDIT: 1 (5.A grading)**

**GRADE 12**

Journalism IV is for experienced Journalism students. All details to be arranged with the Journalism teacher. Student must have three years experience in Journalism classes. Students will take on an editorship and work on independent projects based on their area of interest.

### **YEARBOOK**

**CREDIT: 1 (4.A grading)**

**GRADE 9-12**

This course will teach the production of a school yearbook and will develop general publishing skills. Students will learn all phases of yearbook production: layout, photography, copy writing, and editing. Because this course is computer-generated, students should have basic knowledge of technology. Yearbook executive members may be required to take this class.

### **YEARBOOK II, III, IV HONORS**

**CREDIT: 1 (5.A grading)**

## ***MATHEMATICS DEPARTMENT***

### **Department Goals**

1. The students will acquire sufficient knowledge, logical thought patterns, and confidence to be at ease with the math of everyday living.
2. The students shall experience some of the joy and stimulation found in mathematics.
3. Students will be able to identify the practical and aesthetic aspects of mathematics.
4. Students will be able to apply the mathematical concepts and computational skills appropriate to the level of the course taken.
5. The students will develop a variety of problem solving strategies such as questioning, charting, translation, graphing, trial and error, and estimation.

**Because the nature of mathematics is sequential, the grade levels listed are guidelines and will vary with the student's foundational skills.**

### **\*\*\*BASIC LEVEL\*\*\***

Students who struggle with math are advised to take the following courses. The sequence provides foundations for the next level. Entry level will vary.

#### **PRE-ALGEBRA**

**CREDIT 1 (3.A grading)**

**GRADE 9, 10**

**PREREQUISITE: GRADE 9 (Placement Test Scores; Jr. High Recommendation), GRADE 10 (SHG Teacher Recommendation)**

Pre-Algebra is a course for those who are not ready for Algebra I. It covers an introduction to real numbers and equations, functions, graphing, statistics, and probability. It also applies algebra to geometry. This class prepares students for Algebra I.

#### **ALGEBRA I**

**CREDIT: 1 (3.A grading)**

**GRADE 9, 10**

**PREREQUISITE: GRADE 9 (Placement Test Scores; Jr. High Recommendation; GRADE 10 (Pre-Algebra with SHG Teacher Recommendation)**

The topics include operations involving integers, percents and fractions, and solving equations algebraically. This class also introduces basic graphing skills and use of the graphing calculator. Basic word problems and real-life application problems will be addressed. This class covers the same content material as Algebra I (4.A), but at a slower pace. This class prepares students for Geometry (3.A).

#### **GEOMETRY**

#### **SPANISH III HONORS**

**CREDIT: 1 (5.A grading)**

**GRADE 11, 12**

**PREREQUISITE: Spanish II, B or higher or Teacher's written permission**

Level III Spanish goes beyond the basic mastery of grammar and vocabulary. It continues to emphasize the use of the Spanish language as a means of communication and emphasizes what the student is able to "do" with the language. Continuing to develop a strong foundation of vocabulary and structure the student is prepared to communicate in paragraphs rather than merely by means of sentences. Skills in reading and writing are strengthened, and knowledge and appreciation of Spanish culture is broadened by reading assignments and special projects.

#### **SPANISH IV HONORS**

**CREDIT: 1 (5.A grading)**

**GRADE 12**

**PREREQUISITE: Spanish III, B or higher or Teacher's written permission**

Level IV Spanish is intended for those students who are capable and willing to carry on a more intensive study of Spanish. The course includes a general vocabulary and grammar review, outside reading assignments, and the introduction of Spanish literature. The discussion of reading assignments will be carried on in the target language whenever possible. Important historical events are covered as well as well-known personalities and contributors to Spanish history and culture. This could include artists, musicians, and politicians. Emphasis is on further development of oral proficiency and understanding through the use of authentic recordings, native speakers, group conversations, and oral reports. At this level, students further expand their language skills according to subject matter, situation, and medium. This course is part of a pilot program of dual credit with Benedictine University. Go to [www.shg.org](http://www.shg.org) for more information.

**PREREQUISITE: German III, B or higher or Teacher's written permission**

Level IV German is intended for those students who are capable and willing to carry on a more intensive study of German. The course includes a general vocabulary and grammar review, outside reading assignments, and the introduction of German literature. The discussion of reading assignments will be carried on in the target language whenever possible. Important historical events are covered as well as well-known personalities and contributors to German history and culture. This could include artists, musicians, and politicians. Emphasis is on further development of oral proficiency and understanding through the use of authentic recordings, native speakers, group conversations, and oral reports. At this level, students further expand their language skills according to subject matter, situation, and medium.

**LATIN I**

**CREDIT: 1 (4.A grading) GRADE 9-12**

Latin I will be offered through membership in the Virtual High School. This is an online course designed by expert Latin teachers in compliance with Illinois learning outcomes. The course is authored and operated on the IVHS platform and is taught by well-qualified, trained online instructors. Only highly motivated students who possess a great amount of self-discipline will be allowed to register for this course. The course will be offered during the school day and will be monitored (not taught) by SHG faculty. This class will count for credit.

**LATIN II**

**CREDIT: 1 (4.A grading) GRADE 10-12**

**PREREQUISITE: Latin I**

Latin II will be offered the following year. Latin III and IV are not available.

**SPANISH I**

**CREDIT: 1 (4.A grading) GRADE 9-12**

**PREREQUISITE: 40 percentile or higher on English Placement Test**

Level I Spanish emphasizes basic conversational vocabulary, basic grammatical structures, simple sentence structure, and simple questions and responses. The present verb tense will be covered. Spanish culture and geography will be introduced.

**SPANISH II**

**CREDIT: 1 (4.A grading) GRADE 10-12**

**PREREQUISITE: Spanish I, C or higher**

Level II Spanish continues by expanding on the knowledge of the reading, writing, listening, and speaking skills achieved in Level I. Along with more vocabulary, the imperfect, preterite, future, conditional, the present perfect, and imperative verb tenses will be added. More complete grammatical structures will be introduced and cultural awareness will be expanded.

**CREDIT: 1 (3.A grading)**

**GRADE 10,11**

**PREREQUISITE: Algebra I (3.A) with SHG Teacher Recommendation**

This course provides a simple, yet thorough, introduction to Euclidean Geometry. Geometry skills and their application will be taught. This class prepares students for Algebra II (3.A).

**ALGEBRA II**

**CREDIT: 1 (3.A grading)**

**GRADE 11,12**

**PREREQUISITE: Geometry 3.A with SHG Teacher Recommendation**

This course will review material covered in Algebra I and cover additional Algebra topics such as roots, linear and quadratic functions, and other simplified Algebra II topics. This course prepares students for Intro to College Algebra with Trig.

**INTRO TO COLLEGE ALGEBRA WITH TRIG**

**CREDIT: 1 (4.A grading)**

**GRADE 12**

**PREREQUISITE: Algebra II (3.A) with SHG Teacher Recommendation**

This course is designed to prepare students for college algebra, which is a requirement in most colleges and universities. It includes a review of Algebra II concepts with emphasis on graphing, a study of functions and their graphs, and an introduction to trigonometry. Topics include: Polynomial functions, rational functions, logarithmic and exponential functions, circular trigonometric functions, trigonometric identities, and graphing functions.

**\*\*\*REGULAR LEVEL\*\*\***

The following sequence is recommended for students who have a firm foundation in math. Each course requires success in the previous course.

**ALGEBRA I (ZERO HOUR)**

**CREDIT: 1 (4.A grading - credit carries to high school, but grade is not Included in the cumulative GPA) GRADE 8**

**PREREQUISITES: Standardized and SHG Testing; Jr. High Recommendation**

**ALGEBRA I**

**CREDIT: 1 (4.A grading)**

**GRADE 9**

**PREREQUISITE: Placement Test Scores; Jr. High Recommendation**

Students entering this course should have knowledge of arithmetic and common mathematical symbols. Students will study the structure of the number system and the use of algebraic operations and functions. Application of algebraic methods to practical situations is a focus of this course. This class prepares students for Geometry.

**GEOMETRY**

**CREDIT: 1 (4.A grading)**

**GRADE 10**

**PREREQUISITE: Algebra I 4.A** with SHG Teacher Recommendation

This course is an introduction to the fundamentals of plane and space geometry. Both deductive and inductive methods of proof are applied to the study of points, lines, planes, and angles. Applications are made to triangles and other polygons as well as to circles, with particular attention to congruence and similarity. Constructions, transformations, and formulas relating to areas and volumes are studied. This class prepares students for Algebra II.

## **ALGEBRA II**

**CREDIT: 1 (4.A grading)**

**GRADE 11**

**PREREQUISITE: Geometry 4.A** with SHG Teacher Recommendation

This course reviews Algebra I. Additional topics covered are linear, polynomial and quadratic functions, matrices, radicals, complex numbers, sequence and series, and conic sections. This class prepares students to take Pre-Calculus I (Semester 1) and Pre-Calculus II (Semester 2) or Statistics (Semester 2).

## **PRE-CALCULUS I and II**

**CREDIT: 1 (4.A grading)**

**GRADE 12**

**PREREQUISITE: Algebra II (4.A), C or higher; SHG Teacher Recommendation**

This course covers trigonometry, which emphasizes a geometric and analytic development of the trigonometric functions with applications, polar coordinates, and polar graphing. Pre-Calc II covers topics in Analytical Geometry such as lines in a plane, conics, and logarithmic exponential functions.

## **STATISTICS (SECOND SEMESTER)**

**CREDIT: 0.5 (4.A grading)**

**GRADE 12**

**PREREQUISITE: Algebra II** with SHG Teacher Recommendation

This course covers concepts and methods useful in a wide range of disciplines. It includes descriptive and inferential statistics; probability theory; and the proper gathering, organizing, and analysis of sample data.

## **ENGINEERING/INFINITY PROJECT**

**CREDIT: 1 (4.A grading)**

**GRADE 10-12**

**PREREQUISITE: Algebra II-4.A (B or higher) with one lab science course**

This course is a complete, year-long course designed to complement the existing mix of math and science classes. Students learn first hand how to use math and science to create and design a wide variety of new and exciting technologies that focus on topics of interest to students - the Internet and cell phones, digital video and movie special effects, and electronic music. Students

**PREREQUISITE: French III, B or higher for second semester or Teacher's written permission**

Level IV French is intended for those students who are capable and willing to carry on a more intensive study of French. The course includes a general vocabulary and grammar review, outside reading assignments, and the introduction of French literature. The discussion of reading assignments will be carried on in the target language whenever possible. Important historical events are covered as well as well-known personalities and contributors to French history and culture. This could include artists, musicians, and politicians. Emphasis is on further development of oral proficiency and understanding through the use of authentic recordings, native speakers, group conversations, and oral reports. At this level, students further expand their language skills according to subject matter, situation, and medium.

## **GERMAN I**

**CREDIT: 1 (4.A grading)**

**GRADE 9-12**

**PREREQUISITE: 40 percentile or higher on English Placement Test**

Level I German emphasizes basic conversational vocabulary, basic grammatical structures, simple sentence structure, and simple questions and responses. The present, imperative, present perfect, and future verb tenses will be covered. German culture and geography will be introduced.

## **GERMAN II**

**CREDIT: 1 (4.A grading)**

**GRADE 10-12**

**PREREQUISITE: German I, C or higher**

Level II German continues by expanding on the knowledge of the reading, writing, listening, and speaking skills achieved in Level I. Along with more vocabulary, the simple past verb tense and the use of modal verbs will be added. More complex grammatical structures will be introduced and cultural awareness will be expanded.

## **GERMAN III HONORS**

**CREDIT: 1 (5.A grading)**

**GRADE 11, 12**

**PREREQUISITE: German II, B or higher or Teacher's written permission**

Level III German is an advanced level of language study. The student reviews and expands the vocabulary, structure, and cultural content of Level I and II. The language and culture of Germany are viewed in light of political changes and history of the country. Within the framework of "familiar language," numerous topics are presented to provide an in-depth view of current German culture. Student participation in dialogue situations and discussion of assigned reading is emphasized.

## **GERMAN IV HONORS**

**CREDIT: 1 (5.A grading)**

**GRADE 12**

3. Students will develop a greater understanding and appreciation of the language being studied.
4. Students will reveal broader humanistic consciousness by acquiring a diversified understanding of other cultures, peoples, and civilizations.
5. Students will acquire knowledge concerning careers and professions available to those who have studied and are proficient in a foreign language.
6. Students will consistently demonstrate their total linguistic experience by giving more attention to details, greater facility in vocabulary distinctions in the English language, and more sophisticated concepts of political and social conditions.

#### **FRENCH I**

**CREDIT: 1 (4.A grading)**

**GRADE 9-12**

**PREREQUISITE: 40 percentile or higher on English Placement Test**

Level I French emphasizes basic conversational vocabulary, basic grammatical structures, simple sentence structure, and simple questions and responses. The present and imperative verb tenses will be covered. French culture and geography will be introduced.

#### **FRENCH II**

**CREDIT: 1 (4.A grading)**

**GRADE 10-12**

**PREREQUISITE: French I, C or higher second semester**

Level II French continues by expanding on the knowledge of the reading, writing, listening, and speaking skills achieved in French I. Along with more vocabulary, the past and future verb tenses will be added. More complex grammatical structures will be introduced and cultural awareness will be expanded.

#### **FRENCH III HONORS**

**CREDIT: 1 (5.A grading)**

**GRADE 11, 12**

**PREREQUISITE: French II, B or higher second semester or Teacher's written permission**

Level III French goes beyond the basic mastery of grammar and vocabulary. It continues to emphasize use of the French language as a means of communication and emphasizes what the student is able to "do" with the language. Continuing to develop a strong foundation of vocabulary and structure, the student is prepared to communicate in paragraphs rather than merely by means of sentences. Skills in reading and writing are strengthened and knowledge and appreciation of French culture is broadened by reading assignments and special projects.

#### **FRENCH IV HONORS**

**CREDIT: 1 (5.A grading)**

**GRADE 12**

will learn from a mix of textbook work and work in the computer lab. Students who complete the class will receive elective math credit. However, it is not meant to be taken in place of a core math course.

#### **\*\*\*HONORS LEVEL\*\*\***

The Honors courses are recommended for students who have advanced knowledge and skills in mathematics. Each year, the achievement grade and the teachers' recommendations are used to determine the student's eligibility to enter the next level honors class in this sequence.

**If Algebra I Honors was mastered in Grade 8, the proposed sequence in high school is Algebra II Honors, Geometry Honors, Pre Calculus Honors, Calculus AB or BC.**

**If taking Algebra I Honors in Grade 9, the proposed sequence is Alg I H, Geometry Honors, Algebra II H, Pre Cal Honors**

#### **ALGEBRA I H (ZERO HOUR)**

**CREDIT: 1 (5.A grading - credit carries to high school, but grade is not Included in the cumulative GPA)**

**GRADE 8**

**PREREQUISITES: Standardized and SHG Testing; Jr. High Recommendation**

This is an accelerated course which provides an in-depth study of the structure of the number system; use of algebraic operations and functions; and quadratic equations, functions, and relations. Application of algebraic methods to practical situations is a focus of this course. Students must have earned at least a C- in order to continue 2<sup>nd</sup> Semester. This class prepares students for Algebra II Honors.

#### **ALGEBRA I HONORS**

**CREDIT: 1 (5.A grading)**

**GRADE 9**

**PREREQUISITE: Placement Test Scores; Jr. High Recommendation**

Students entering this course should have a thorough knowledge of arithmetic and common mathematical symbols. This is an accelerated course which provides a more in-depth study of the structure of the number system; use algebraic operations and functions; and quadratic equations, relations, and functions. Application of algebraic methods to practical situations is a focus of this course. This class prepares students for Geometry Honors.

#### **ALGEBRA II HONORS**

**CREDIT: 1 (5.A grading)**

**GRADE 9**

**PREREQUISITES: Algebra I H with SHG Teacher Recommendation; SHG Testing; and SHG Comprehensive Algebra I Exam**

**OR**

#### **ALGEBRA II HONORS**

**CREDIT: 1 (5.A grading) GRADE 11**  
**PREREQUISITE: Algebra I H, C or higher; Geometry H; Algebra-I**  
**Teacher Recommendation**

This is a rigorous approach to the standard topics of a second year of high school Algebra. This course contains work in linear, quadratic and polynomial functions, matrices, rational and irrational numbers, complex numbers, logarithms, sequences and series, probability and statistics, and conic sections. Application of algebraic methods to practical situations is a focus of this course. This class prepares students for Geometry Honors.

**GEOMETRY HONORS**  
**CREDIT: 1 (5.A grading) GRADE 10**  
**PREREQUISITE: Algebra I-H, C or higher; Algebra II-H; SHG**  
**Teacher Recommendation**

This is an accelerated course presenting plane and space geometry, constructions, logic, and deductive proofs. Emphasis is placed on precise mathematical language. A strong effort is made to inter-relate the study of Geometry and Algebra. This class prepares students for Algebra II Honors or for Pre-Calculus Honors.

**PRE-CALCULUS HONORS**  
**CREDIT: 1 (5.A grading) GRADE 11, 12**  
**PREREQUISITE: Algebra II H, C or higher; SHG Teacher**  
**Recommendation**

This course is designed to be an immediate preparation for Calculus. The content includes extensive coverage of trigonometry, analytical geometry, and several topics in advanced algebra. A deeper understanding of the concept of a function is stressed and applied to many different topics.

**CALCULUS AB ADVANCED PLACEMENT**  
**CREDIT: 1 (6.A grading) GRADE 12**  
**PREREQUISITE: Pre-Calculus H, C or higher; SHG Teacher**  
**Recommendation**

This course covers essentially the first semester of college calculus. It follows the Advanced Placement AB syllabus, which includes the topics of functions, graphs, limits and basic differential and integral calculus. This course, while still demanding, is intended for the student who does not need 2 semesters of calculus in college. The pacing of this class is not as fast-paced as the BC option.

AP Exam required. Test Fee is paid by student.

**CALCULUS BC ADVANCED PLACEMENT**

**CREDIT: 0.5 (4.A grading) ONE SEMESTER GRADE 10-12**  
**PREREQUISITE: Teacher recommendation**

This course covers human development from the prenatal period through adolescence. It is designed for students pursuing a career in child care services, early childhood, elementary or special education, psychology, social work or pediatrics. Students are required to participate in the *Baby-Think it Over* program.

**PSYCHOLOGY HONORS**  
**CREDIT: 1 (5.A grading) GRADE 11, 12**  
**PREREQUISITE: GPA of 3.2 or higher; B average or higher in previous**  
**Social Studies or Science Classes; Teacher Recommendation**

This full year course emphasizes the systematic and scientific study of the mental process and human behavior. The student will have an opportunity to research and explore a variety of psychological topics as well as design and conduct experiments in the areas of perception, memory, child development, classical and operant conditioning, social psychology, and other psychological phenomena. Emphasis will be placed on analytical thinking and research.

**PSYCHOLOGY ADVANCED PLACEMENT**  
**CREDIT: 1 (6.A grading) GRADE 12**  
**PREREQUISITE: GPA of 3.6 or higher; B average or higher in previous**  
**Social Studies or Science Classes; teacher recommendation**

This is a college-level course through which students will be introduced to the systematic and scientific study of behavior and the mental processes. Students will take an in depth look at psychological facts, principles, theories, and phenomena associated with each of the major sub-fields within psychology. Emphasis will be placed on research, case studies, and analytical thinking skills.

AP Exam required. Test Fee is paid by student.

**SOCIOLOGY**  
**CREDIT: 0.5 (4.A grading) ONE SEMESTER GRADE 11, 12**

This course provides an in-depth analysis of the nature of society and culture. Special emphasis placed on sociological terms and the study of American society.

***WORLD LANGUAGES DEPARTMENT***  
**Department Goals**

1. Students will acquire grammar and vocabulary skills so as to be able to read, write, speak, and comprehend the target language in a degree proportionate to their amount of study in the language.
2. Students will be able to compare and contrast the culture of their own countries to that of other countries.

**CREDIT: 1 (4.A grading) GRADE 11**

This course surveys the development of America from colonial to contemporary times. During this course the student must pass the U.S. and Illinois constitution tests, as required by the State of Illinois.

**UNITED STATES HISTORY ADVANCED PLACEMENT**

**CREDIT: 1 (6.A grading) GRADE 11**

**PREREQUISITE: GPA of 3.6; English II 4.A, A- or higher; English II H, B+ or higher, Writing Test**

This college level course enables the student to obtain, by good performance on the Advanced Placement Exam, up to one year of college credit in college U.S. History. The course involves the reading, interpretation, analysis, and application of both primary and secondary material related to significant developments in the history of the United States. The student can gain both an understanding of skills that constitute historical study and the opportunity to develop those skills in preparing for the Advanced Placement Exam. Students are required to take the Advanced Placement Exam in the spring.

AP Exam required. Test Fee is paid by student.

**AMERICAN GOVERNMENT**

**CREDIT: 0.5 (4.A grading) (ONE SEMESTER) GRADE 11-12**

**PREREQUISITE: United States History**

This course presents an in-depth analysis of American government on national, state, and local levels. Also analyzed are the roles of political parties, public opinion polls, electoral process, and special interest groups as well as current issues in government.

**EUROPEAN HISTORY ADVANCED PLACEMENT**

**CREDIT: 1 (6.A grading) GRADE 12**

**PREREQUISITE: GPA of 3.6 or higher; U.S. History AP, B- or higher, Teacher Recommendation**

This college-level course is an intense study of the social, political, economic, and religious ideas of Europe from 1500 until 1960. Emphasis is placed on the development of critical thinking skills, writing interpretive essays, and evaluating historical documents.

AP Exam required. Test Fee is paid by student.

**PSYCHOLOGY**

**CREDIT: 0.5 (4.A grading) ONE SEMESTER GRADE 11-12**

This course provides an overview of the systematic study of the mental processes and human behavior. Current psychological as well as historical theories and trends will be explored. An emphasis is placed on thinking and learning skills.

**PSYCHOLOGY: CHILD PSYCHOLOGY**

**CREDIT: 1 (6.A grading)**

**GRADE 12**

**PREREQUISITE: Pre-Calculus H, C or higher; SHG Teacher Recommendation**

This course covers essentially the first two semesters of college calculus. It follows the Advanced Placement BC syllabus, and is intended for students who have a thorough knowledge of analytic geometry and elementary functions in addition to college preparatory algebra, geometry, and trigonometry. The standard topics in limit theory, differential calculus, and integral calculus are included, along with introductory materials in vector calculus, series, and differential equations. This is a very demanding course and should be taken only by students of excellent mathematical ability who wish to prepare for college work in mathematics, chemistry, physics, or medicine.

AP Exam required. Test Fee is paid by student.

**SCIENCE DEPARTMENT**

**Department Goals**

1. Students will participate in laboratory experiences which encourage problem solving by the scientific method. They will make observations and measurements which lead to meaningful conclusions.
2. Students will identify the scientific principles involved in making enlightened ecological and political choices.
3. Students will demonstrate proper laboratory methods and techniques.
4. Students will recreate historical experiments and investigate ongoing, interdisciplinary research and technology.
5. Students will apply scientific principles to everyday things and events.
6. Students will attain a level of knowledge and skill which will make it possible for them to continue scientific studies in college and career areas.
7. Through instruction in the anatomy and physiology of the human body, students will evaluate and demonstrate good health and life management skills.

**INTRODUCTION TO PHYSICS AND CHEMISTRY**

**CREDIT: 1 (3.A grading) GRADE 9 (ONLY)**

**PREREQUISITES: Below 40 percentile math score on Placement Test**

This is a full year laboratory course including approximately one semester of fundamental chemistry, including environment chemistry, and approximately one semester of fundamental physics. The course includes lab activities designed to reinforce the physics/chemistry concepts presented in the text and to provide the students with good lab skills and frequent use of the scientific method. The course is open to freshmen only and is especially designed for those students who need special help with math skills used in science. It is designed to serve as a preparation for later courses in biology and/ chemistry.

**INTRODUCTION TO PHYSICS AND CHEMISTRY**

**CREDIT: 1 (4.A grading) GRADE 9 (ONLY)**

**PREREQUISITES: Placement Test Scores of 40-90 Percentile**

This is a full year laboratory course including approximately one semester of fundamental chemistry, including environmental chemistry, and approximately one semester of fundamental physics. The course includes lab activities designed to reinforce the physics/chemistry concepts presented in the text and to provide the students with good lab skills and frequent use of the scientific method. The course is open to freshmen only, with average or better math skills. It is designed to serve as a preparation for later course in biology, chemistry, and/or physics.

### **INTRODUCTION TO PHYSICS AND CHEMISTRY HONORS**

**CREDIT: 1 (5.A grading) GRADE 9 (ONLY)**

**PREREQUISITES: Placement Test Scores Math & Composite of 90 percentile or higher**

This course is for students who have strong mathematical ability and who intend to take honors biology, chemistry, and physics in high school. There is approximately one semester each of fundamental chemistry and physics. The chemistry section deals with the structure of matter, the relationships between structures and properties, and the ways matter interacts. The physics section deals with motion, heat, waves, electricity and magnetism, and nuclear science. Strong emphasis is placed on laboratory work and on mathematical and graphical analysis.

### **BIOLOGY**

**CREDIT: 1 (3.A grading) GRADE 10**

**PREREQUISITE: Placement Test Score below 40 percentile Composite; GPA below 2.0**

This is a lab course which provides an integrated program covering the nature of life. The simplest to the most complex organisms are studied.

### **BIOLOGY**

**CREDIT: 1 (4.A grading) GRADE 10**

**PREREQUISITES: All who do NOT qualify for Biology 3.A or 5.A**

This is a lab course which provides an integrated program covering the nature of life. The simplest to the most complex organisms are studied.

### **BIOLOGY HONORS**

**CREDIT: 1 (5.A grading) GRADE 10**

**PREREQUISITES: GPA 3.2 or higher; C or higher in each semester of Algebra I-H, or B or higher in Algebra I-4.A; C or higher in Introduction to Physics and Chemistry-H, or B or higher in Introduction to Physics and Chemistry 4.A.**

This is a laboratory course covering the main areas of life sciences, with concentration on molecular processes. Emphasis is on the broad concepts that help us to understand all living things, as well as the detailed study of life in its

**CREDIT: 1 (4.A grading)**

**GRADE 9**

Including limited background study of the great movements, people, and civilizations of earlier periods, this course focuses on the time span of the Renaissance through modern times. This course focuses primarily on modern historical topics. Reading, research, and study skills (including note-taking and outlining) are included.

### **WORLD HISTORY ADVANCED PLACEMENT**

**CREDIT: 1 (6.A grading) GRADE 10-12**

**PREREQUISITE: GPA of 3.6; World History, B or higher; and Teacher Recommendation**

The purpose of this college-level AP World History course is to develop greater understanding of the evolution of global processes and contacts in interaction with different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. Students will critically examine primary source documentation and analyze the meaning and impact on historical events. The course highlights the nature of changes in international frameworks and their causes and consequences as well as comparisons among major societies. Students are required to take the Advanced Placement exam in the spring. AP Exam required. Test Fee is paid by student.

### **GLOBAL GEOGRAPHY**

**CREDIT: 0.5 (4.A grading) ONE SEMESTER GRADE 10-12**

This course studies six major areas of the world: Africa, China, Japan, Latin America, Europe, and the Commonwealth of Russia. The social, political, economic, historical, and cultural aspects of each area are examined. Maps are provided by the teacher.

### **EXAMINATION OF THE U.S. AT WAR**

**CREDIT: 0.5 (4.A grading) ONE SEMESTER GRADE 11-12**

**PREREQUISITES: World History**

This course examines the experiences of the American people in times of war, from the Revolutionary War to the Vietnam War. Emphasis given to the cultural, social, political, and technological impacts of war

### **CURRENT ISSUES**

**CREDIT: 0.5 (4.A grading) ONE SEMESTER GRADE 10-12**

**PREREQUISITE: World History**

This course studies modern issues, focusing on the political and social problems that affect today's world. News magazines, daily newspapers, and computer technologies are used. Course expectations include awareness of current events, active student participation, topic research, map studies, and use of organizational and problem-solving skills.

### **UNITED STATES HISTORY**

**ENVIRONMENTAL SCIENCE - (OFFERED ODD-NUMBERED YEARS – Aug date)**

**CREDIT: 0.5 (4.A grading) ONE SEMESTER GRADE 11,12**  
**PREREQUISITE: Biology 3A, B or higher or Biology 4A, C or higher (each semester)**

This is a laboratory course which includes the study of the structure and function of ecological systems, including characteristics and behavior of populations, how populations change, special relationships among organisms, food chains and energy flow, and characteristics of ecosystems.

**GENETICS (OFFERED ODD-NUMBERED YEARS- Aug date)**

**CREDIT: 0.5 (4.A grading) ONE SEMESTER GRADE 11,12**  
**PREREQUISITE: Biology 3A, B or higher or Biology 4A, C or higher (each semester)**

This is a laboratory course which includes the study of Mendelian genetics, the language of genetics, inheritance in humans, human genetic mutations, and the influence of environment on gene expression.

**PHYSICS HONORS**

**CREDIT: 1 (5.A grading) GRADE 12**  
**PREREQUISITE: Algebra-II; Pre-Calculus I; and Chemistry (or concurrently)**

This is a lab course covering the major topics of classical and modern physics, mechanics, heat, wave motion, sound, light, electricity and magnetism, atomic structure, and nuclear physics. Course is recommended for students who plan to enter college studies in physics, chemistry, geology, engineering, medicine, and related fields. Strong mathematical ability is needed. This course is part of a pilot program of dual credit with Benedictine University. Go to [www.shg.org](http://www.shg.org) for more information. Tuition for college credit is paid by the student.

***SOCIAL SCIENCE DEPARTMENT***

**Department Goal**

1. Students will demonstrate active and responsible civic participation.
2. Students will demonstrate recognition of the interrelationships between their own experiences and the larger human experiences in time and space.
3. Students will demonstrate a critical understanding of world societies and their institutions, traditions, and values.
4. Students will demonstrate a critical understanding of the institutions, traditions, and values of the United States.
5. Students will define and apply the key concepts that are particular to each social study.
6. Students will demonstrate a mastery of critical thinking skills appropriate to the social studies.

**WORLD HISTORY**

various forms. The material is covered at an accelerated pace.

**BIOLOGY ADVANCED PLACEMENT**

**CREDIT: 1 (6.A grading) GRADE 11,12**  
**PREREQUISITE: Biology H, B or higher both semesters; or Biology 4.A, A for both semesters; or with written permission of teacher. Concurrent/previous enrollment in Chemistry is recommended, but not required.**

This is a laboratory course that will continue topics that were not covered in Biology Honors. It will be a rigorous course and will require reading during the summer. The intent of this course is to extend the biological knowledge base for the student as well as prepare them to take the required Advanced Placement exam in the spring. Laboratory work will include activities from the AP lab manual. Topics to be covered include a comparative look at the animal kingdom and a more detailed look at the plant kingdom from that covered in honors as well as some ecology and microbiology. AP Exam required. Test Fee is paid by student.

**BIOLOGY II - (OFFERED ODD-NUMBERED YEARS, AUGUST DATE)**

**CREDIT: 1 (3.A grading) GRADE 11, 12**  
**PREREQUISITE: Previous enrollment in Biology 3.A; Teacher consent if previously enrolled in Biology 4.A**

This is a laboratory course covering structures; systems and functions of the human and animal bodies, including development and nutrition; soil types and plant structures and their association with the environment; and populations and their associated problems. Technology and new scientific developments will be emphasized. This course includes dissection and hands-on participation is required. This course summarizes the advanced life science courses and cannot be taken in conjunction any time during junior or senior year with other life science courses.

**PRACTICAL CHEMISTRY - (OFFERED EVEN-NUMBERED YEARS, AUGUST DATE)**

**CREDIT: 1 (3.A grading) GRADE 11, 12**  
**PREREQUISITE: One year of math; previous enrollment in Biology 3.A; Teacher consent if previously enroll in Biology 4.A**

This is a lab course designed to include the study of the properties composition, and structure of matter as well as the accompanying energy changes. Major emphasis will be placed on the ways chemistry is used and applied in such diverse things as food and drugs, environment, water treatment, the periodic table, and organic chemistry. This course includes laboratory experience in the use of equipment and in the techniques proper to chemistry. The course is suitable for students with limited mathematical ability.

## **CHEMISTRY -**

**CREDIT: 1 (4.A grading)**

**GRADE 11, 12**

**PREREQUISITE: GPA 2.4 or higher; C+ average in Algebra I; C+ average in Biology; or A average in Biology 3.A; Algebra II-4.A (concurrent)**

Chemistry is a lab course designed to include the study of the properties, composition, and structure of matter as well as the accompanying energy changes. The course is structured so as to facilitate preparation for careers in medicine, nursing, and other paramedical professions. The course includes laboratory experience in the use of equipment and in the techniques proper to chemistry.

## **CHEMISTRY HONORS**

**CREDIT: 1 (5.A grading)**

**GRADE 11,12**

**PREREQUISITE: Biology 4.A, grade A; Biology H, grade B; B or higher in Introduction to Physics and Chemistry; A in Algebra I or B in Algebra I-H for each semester.**

Unifying principles of chemistry are developed from laboratory observations. The atomic and kinetic theory of matter is developed and applied to gases, liquids, and solids. Chemical reactions and the factors that control them are studied. This is recommended for those planning careers in science and medicine.

## **CHEMISTRY ADVANCED PLACEMENT**

**CREDIT: 1 (6.A grading)**

**GRADE 12**

**PREREQUISITE; Chemistry H, grade A-/B+ for both semesters; Algebra H, grade B or higher for both semesters or Algebra 4.A, grade A for both semesters**

This is a college level laboratory chemistry course. The importance of the theoretical aspects of chemistry includes an increasing emphasis on these aspects of the content of general chemistry courses. Topics covered will include structure of matter, kinetic theory of gases, chemical equilibria, chemical kinetics, and the basic concepts of thermodynamics. Students must dedicate a considerable amount of time in preparation for this course. Students will be required to take the Advance Placement test in the spring.

AP Exam required. Test Fee is paid by student.

## **FORENSIC SCIENCE HONORS –**

**CREDIT: 1 (5.A grading)**

**GRADE 12**

**PREREQUISITE: Biology 4.A or H, Chemistry 4.A or H; Algebra II; GPA minimum 3.4**

This lab course is an introduction to the concepts and skills necessary for crime scene investigation and crime reconstruction. It is the application of scientific knowledge and skills to matters of law. It is an interdisciplinary, inquiry-based course. Students will be asked to make careful observations, precise

measurements, use the scientific method and their deductive reasoning and critical thinking skills to solve “crimes”. Topics covered are history of forensic science; type of crimes; rules of evidence; crime scene documentation; collection and processing of evidence; fingerprints; hair and fiber evidence; toxicology; trace evidence; blood spatter patterns; DNA; glass; document and handwriting analysis; forensic anthropology; and computer crime.

## **ANATOMY & PHYSIOLOGY**

**CREDIT: 1 (4.A grading)**

**GRADE 11,12**

**PREREQUISITE: Biology 4.A, B- or higher or Biology 3.A, A- or higher (each semester)**

This course includes a study of the systems of the body, their locations, their functions, and their relation to each other. Some discussion of pathology of systems is included. Sports medicine will be covered with emphasis on injuries and fitness. This is a laboratory course.

## **ANATOMY & PHYSIOLOGY HONORS**

**CREDIT: 1 (5.A grading)**

**GRADE 11,12**

**PREREQUISITE: Biology 4.A, A- or higher or Biology H, grade B- or higher (each semester)**

A study of the systems of the body, their locations, their functions, and their relations to each other are studied in detail. Sports medicine will be covered with emphasis on injuries and fitness. Students will research and use computer technology in exploring the body in health and disease. This course emphasizes application and other higher order thinking skills. This is a laboratory course.

## **BOTANY (OFFERED EVEN-NUMBERED YEARS- Aug. date)**

**CREDIT: 0.5 (4.A grading) ONE SEMESTER**

**GRADE 11,12**

**PREREQUISITE: Biology 3.A, B or higher or Biology 4.A, C or higher (each semester)**

This is a laboratory course which includes a study of the general structure and function of plant cells, tissues, and organs. Taxonomic principles, importance of plant kingdom, relations of plants to their environment, economic uses of plants will be investigated.

## **ZOOLOGY (OFFERED EVEN-NUMBERED YEARS- Aug. date)**

**CREDIT: 0.5 (4.A grading) ONE SEMESTER**

**GRADE 11,12**

**PREREQUISITE: Biology 3.A, B or higher or Biology 4.A C or higher (each semester)**

This is a laboratory course which includes the study of animals, animal structure, physiology, identification, development, and environmental relationships to their surroundings. Course includes extensive dissection ... **PARTICIPATION IN DISSECTION IS REQUIRED.**