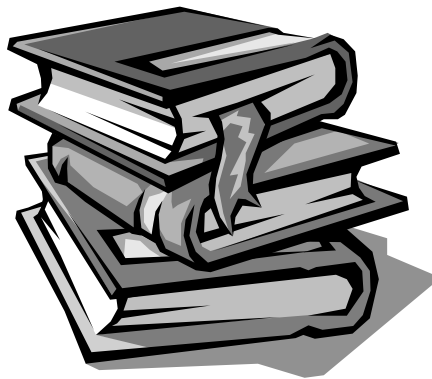


Gibault Catholic High School



Curriculum Guide 2011-2012

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Gibault Catholic High School: Curriculum Guide

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1. **MATH REQUIREMENT** for Gibault Catholic High School recommends 4 years of math for all college-bound students. If a student is eligible for a math class (as designated by math department) and chooses NOT to take a fourth math credit, a waiver form (signed by parent) will be required.

2. **FACULTY/ DEPARTMENT APPROVAL** is indicated in one of two ways:

- Pre-approval: “color-coded” recommendation is highlighted on registration form. This indicates that the department has already approved the course selection.
- Faculty signature: if not pre-approved, student must obtain a department member’s signature, if so required. Some courses do not require a signature.

3. **ST. LOUIS UNIVERSITY COURSES FOR HIGH SCHOOL CREDIT** involves certain regulations that are solely controlled by the university. In particular, costs and academic prerequisites are set by SLU. Note: a student must have a cumulative GPA of 3.00 and be recommended by faculty to be eligible for SLU classes.

4. **VALEDICTORIAN** and **SALUTATORIAN** eligibility requires students to take advanced, honors, and college credit courses all 4 years of high school. Please review the following chart that illustrates the **MINIMUM** expectations (although administrative discretion is also involved):

| Year | English | Math | Social Studies | Science | Foreign Lang. |
|-----------|---------------------------|-------------|---------------------------|---------------------------|--|
| Freshman | AD Eng 1 | AD Alg 2 | AD W His/ F | Biology | French 1 or Spanish 1/AD Span. 1 |
| Sophomore | AD Eng 2 | AD Geometry | AD W His/S | HN Chem/So | French 2 or Spanish 2/AD Span. 2 |
| Junior | CO Pro/Cmp CO Rht/Res | HN CAT | CO US1865A CO US1865B | HN Chem2/Jr HN Phys/Jr | CO Spanish 3 HN French 3 |
| Senior | CO Int/ Lit CO Int/Dra | HN CALC 1 | CO OMW1500 CO OMW Pres | HN Phys/Sr | CO Spanish 4 HN French 4 |

INTRODUCTION

Gibault offers an excellent curriculum not unlike the curriculum found in large high schools across the state of Illinois. Students may qualify to take honors classes with the opportunity to earn college credit from St. Louis University in Art, English, Math, Spanish, and Social Studies. Gibault also offers courses for those who may need extra work in English, Math, Science, and Social Studies.

Students should confer with parents and teachers before registering for classes. Some departments such as Math will indicate exactly which course should be taken next; other departments are more elective in nature. All course selections should be made with great care since actual offerings for 2010-2011 depend upon the number of students who select courses at registration time. **ADDING OR DROPPING A CLASS AFTER THE MAY DEADLINE WILL NOT BE PERMITTED EXCEPT FOR SERIOUS REASONS.** Students may not drop yearlong courses at the semester unless the teacher initiates the process and administrative approval is received. Reminder: Some courses have a specific course fee.

GIBAULT GRADUATION REQUIREMENTS NEEDED

Graduates of Gibault fulfill requirements for graduation established by the administration of Gibault, the Diocese of Belleville, and the State of Illinois. No special diplomas are issued to certify a graduate has met only minimum requirements established by the State of Illinois. The total number of credits needed for graduation from Gibault is 24. Required credits are listed below/ electives are chosen to meet or exceed graduation total.

NOTE: Gibault's graduation requirements are NOT the only standard that one should consider in regards to post-secondary education. Please consult the chart below and "Appendix" of Curriculum Guide specifically if you are an athlete wishing to play a NCAA Division I or II sport.

| Dept. | State Requirement | Gibault | Notes |
|----------------------|--|-----------|---|
| Religion | --- | 4 | Required for all students regardless of their own religious affiliation. All students are required to attend their class retreat each year and complete their senior service project. |
| English | 4 (includes 2 yrs. Writing) | 4 | Credit must include Eng. 1, 2, 3, or SLU Comp., and 4 or SLU Lit/Drama |
| Social Studies | 2 | 3 | Two years of U.S. History are required; all students must pass the Federal and Illinois Constitution tests. |
| Math | 3 | 3 | All students are expected to complete Algebra 1 and a geometry-based course. Athletes must meet NCAA requirements. |
| Science | 2 | 2 | Biology plus one other lab science required. |
| Foreign Lang. | --- | 2 | By principal's permission, Basic English 1 (with study skills) and an Elective may be used for the 2.0 req. credit. A foreign language waiver must be signed. |
| Fine Art | --- | 1 | Normally fulfilled freshman year. No more than eight performing music credits may be included in the total graduation credits. |
| Phys. Ed. & Health | .50/Hlth PE required | 1 | Health is required for sophomores; PE waivers are possible. |
| Business | .25 | 0.50 | Computer Applications 1 is required for freshmen. |
| Practical Arts | --- | 0.50 | Public Speaking is required for seniors. |
| Electives | 1 credit includes art, music, foreign lang., etc. | 3 | Electives – any department (except NCAA). |
| Minimum Total | 16.75 | 24 | |

****Specific NCAA requirements are listed in the appendix.**

****Major colleges may have additional requirements. These requirements are typically listed on their prospective student web page.**

MAKING UP FAILED COURSES

Students who lose credit for core courses or required courses must make up these credits before the following school year through summer school or correspondence courses. If these options are not feasible, a failed course will be put on the student's next year schedule.

WEIGHTED GRADES

| WEIGHTED GRADES Weighted at 1.10 per class: ADVANCED (ADV) | | | | | |
|--|--|--|--|---------------------------|-------------------------|
| MATH | ENGLISH | | SOCIAL STUDIES | SCIENCE | F.LANGUAGE & FINE ARTS |
| ADV Geometry | ADV Eng 2 | | ADV W His/S (Sophomore) | | ADV Art 3 ADV Art 4 |
| ADV CAT College Alg./ Trig. | | | ADV W His/F (Freshman) | | |
| ADV Alg 2 | | | | | |
| Weighted at 1.25 per class: HONORS (HN) and COLLEGE (CO) Credit from St. Louis University | | | | | |
| HN Calc 2 | Intro Literary Study (CO INT/LIT) | | Origins/Mod World to 1500 (CO OMW 1500) | HN Chem./Soph | HN Span 3 CO Span 3 |
| HN Calc 1 | Intro Drama (CO INT/DRA) | | Origins/Mod World to Present (CO OMW PRES) | HN Chem2/JR HN Phys/JR | HN Span 4 CO Span 4 |
| HN CAT College Alg./ Trig. | Process Composition (CO PRO/CMP) | | History U.S. to 1865 (CO US 1865A) | HN Anatomy | HN French 3 |
| | Adv Rhetoric & Research (CO RHT/RES) | | History U.S. from 1865 (CO US 1865B) | HN Physics/SR | HN French 4 |
| | | | | | Approaching the ARTS |

ART

Note: Drawing 1, Drawing 2, and Adv. Art 3 are offered for two semesters and are given a full credit each. Students are required to work outside of class in order to complete the numerous projects assigned. The amount of work assigned is equal to classes which meet 5 of 6 days.

ART APPRECIATION (039)

Course description: Art elements and principles will be discussed. Art history from African masks to Lichtenstein's modern artworks will be introduced. Student projects, reports, and presentations will be assigned. Quizzes, tests, and exams will be part of the evaluation.

Janson's History of Art will be used as a resource. This class fulfills 0.50 credit in Fine Arts. Graduation requirement is one full credit in Fine Arts.

This class is required for freshmen who are **not** in Band, Chorus, Draw 1 or Ceramics

Length of course: One year (every other day)
Credit: .50

DRAW 1(040)

Course description: First Semester--The first quarter is designed to awaken the beginner's skills in FREEHAND DRAWING. Basic exercises to develop student powers of observation are emphasized in the use of pencil, marker, pen and ink. The second quarter students create attractive design projects such as scratchboard, lettering, and Christmas projects. Students learn how to cut and mat their own drawings. A sketchbook will be required of all students. One sketch will be required each week.

Second Semester-Color and design is offered during the third quarter. Students learn techniques suitable to various types of water paints. Demonstrations in using brush for special effects are introduced. One point and two point perspective are demonstrated. Fourth quarter emphasis is on CREATIVE DRAWING. Shading techniques and rendering of surface textures are stressed. Students use pastels and pencils to draw from memory. Landscape and on the spot drawing of plant life is stressed.

Prerequisite: None

Length of course: One year.

Credit: One

Cost for a sketch book will be required.

DRAW 2 (041)

Course description: Students build on their skills in drawing and design. Creative thinking is emphasized at this level. Students work from the figure, objects, still life, and the landscape. Students are also exposed to creative fantasy drawing and illustration. A sketchbook will be required of all students. One sketch will be required each month, as long as a B average is maintained.

Prerequisite: Drawing and Design I with a B average.

Length of course: One year.

Credit: One

Cost for a sketch book will be required.

CERAMICS 1 (043)

Course Description: Students are taught the basic skills of ceramics. Pinch, coil, and slab techniques will be introduced and used again and again to build the following projects: 1. round pinch 2. creative pinch 3. twelve inch coil container 4. slab container 5. six inch combination container 6. model 7. handle project 8. realistic copy of food 9. chimes.

Open to sophomores, juniors and seniors

Length of Course: One semester

Credit: 0.25

CERAMICS 2 (044)

Course description: This course reviews the techniques learned in Ceramics I with a greater emphasis on design and decoration. The following assignments will be completed: 1. set 2. mask 3. game 4. thrown piece 5. bust or part/animal-part/container 6. sculpture 7. choice 8. relief 9. choice 10. textured container.

Open to sophomores, juniors and seniors
Prerequisite: Ceramics 1 with a B average.
Length of Course: One semester

Credit: 0.25

CERAMICS 3 (045) & CERAMICS 4 (046)

Course description: This course reviews the techniques learned in Ceramics 1 and 2. Ceramics 3 and Ceramics 4 are designed for the SERIOUS art student. Emphasis is on individual direction. Each student will be expected to possess self-discipline and meet ALL deadlines.

Open to juniors and seniors
Prerequisite. Ceramics 1 and 2 with B average in each.
Length of course: One semester each

Credit: 0.25

CERAMICS AS A CRAFT (047)

Course description: This class is designed for the student who wants to explore ceramics in their leisure time as a hobby. Students will learn the process of pouring molds, cleaning the forms, and finishing the final product. Painting and glazing will be introduced.

Open to sophomores, juniors and seniors
Prerequisite: None
Length of course: One semester

Credit: 0.25

ADV ART 3 (048)

Course description: ADV Art 3 is designed for the serious art student. Once a student is enrolled in this class, he/she is expected to maintain self-discipline and responsibility. ADV Art 3 is a combination of Drawing, Painting and Mixed Media. On a quarterly basis, each student chooses the media he/she would like to work with and signs a contract stating the quantity and size of projects to be created. This contract will be submitted to the teacher for approval. Once the contract has been approved, it becomes valid.

Open to juniors and seniors
Prerequisite: Drawing 1 with a B average.
Either semester or year
Students are responsible for purchasing their paint.

Credit: 0.50 per semester

ADV ART 4 (049)

Course description: ADV Art 4 is a Senior level course and is a continuation of ADV Art 4. Students choose their media and sign a contract stating the quantity and size of projects to be created. Once the teacher approves the contract, it becomes valid. During the course students develop their style, improve their skills, and craftsmanship.

Open to seniors
Prerequisite: ADV Art 3 with a B average.
Length of course: Semester or year
Students are responsible for purchasing their paint in addition to the course fee.

Credit: 0.50 per semester

APPROACHING THE ARTS: ART (062)

ST.LOUIS U. course: (ARHA 100-4)

Course description: This course is designed to help the student find personal meaning in works of art and develop a better understanding of the nature and validity of art. Emphasis is on the diversity of form and content in original artwork. Upon completion, students should understand the fundamentals of art, the materials used, and have a basic overview of the history of art.

Textbook: Gilbert's Living With Art by Mark Getlein

Prerequisite: 3.0 GPA and a minimum of four semesters of Art courses.

Length of course: One semester (every other day)

Credit: 3 SLU semester hours

INTRODUCTION TO DIGITAL ARTS (063)

Course Description: Students will explore and learn the basics of Digital Arts using Adobe software. They will learn how to enhance and manipulate digital photos using Photoshop, design vector artwork with Illustrator, create documents for printing using Illustrator, and create PDFs for the web and email using Acrobat.

Prerequisite: None

Length of course: One year (every other day)

Credit: .50

BUSINESS COURSES

In this age of high technology goods and services competing in a global marketplace, the work force of each nation is its most vital resource. The quality of that resource depends upon learning. We believe that young people need to become familiar with the technology that has been deemed essential for all high school graduates. With the cooperation of many generous contributors, we at Gibault have been able to proceed with our commitment to enhancing the learning environment with the tools necessary to thrive in the 21st century.

In order to best benefit from our computer courses, we recommend that classes be taken in the following sequence. Computer Applications 1 is required of all freshmen.

1. Computer Applications 1
 - a. Keyboarding
 - b. MS Word and MS PowerPoint (Introduction to Microsoft Office)
2. Computer Applications 2
 - a. MS Excel and MS Access
3. Microsoft Word
4. Computer Applications 3

COMPUTER APPLICATIONS 1 (425)

Course description: There are two parts:

A. KEYBOARDING. The intention of this part of the course is to develop the student's skills in keyboarding. Units are concerned with the letter keys, the number keys, the symbol keys, learning basic operations, and building typing continuity. Attention is given to the development and improvement of basic techniques. This is an excellent course for students who wish to be better prepared for computer classes. (Note: it is possible to test out of this part of the course. Details are available at registration)

B. MS OFFICE/ INTRODUCTION. This part of the class is designed to introduce the students to Microsoft Office 2007 Professional. Students will learn practical applications to Word (word processing) and PowerPoint presentations.

Prerequisite: Required for freshmen.

Length of course: One semester (every day)

Credit: 0.50

ACCOUNTING 1 (410)

Course description: The course has two specific goals in mind: 1. to prepare the student to initiate and maintain financial records for a small business; 2. to provide the foundation for college accounting. This includes the accounting cycle in its entirety. Banking activities, petty cash, and payroll activities are also included to help students prepare for employment and help them in their personal financial management.

Prerequisite: Junior or Senior standing.

Length of course: One year

Credit: One

ACCOUNTING 2 (412)

Course description: This course will build on the foundations established in Accounting 1 and show subsystems. The subsystem for cash receipts, cash payments, purchases, sales, personnel and payroll, and general accounting are all treated in depth.

Prerequisite: Accounting 1 with grade of B or better and recommendation of the teacher.

Length of course: One year

Credit: One

CONSUMER EDUCATION (409)

Course description: This course is designed to cover all the major concepts of consumer education. The topics covered will be a basic exposure to elementary economic principles and business organization, tax preparation, buying wisely, consumerism, checking accounts, money management, investments, credit, banking, borrowing costs, insurance, etc.

Prerequisite: Junior or Senior standing.
Length of course: One year

Credit: 0.50

MICROSOFT WORD FOR WINDOWS (424)

Course description: Microsoft Word is the most popular word processing software used in business. It is beneficial to students who will be writing letters, papers, and reports in and after high school. Course objectives are: a. to work and understand Windows; b. to format documents; c. to create and work with tables; d. to create form letters through a mail merge; e. to create pictures through graphics.

Prerequisite: C or better in Keyboarding.
Length of course: One semester (every other day)

Credit: 0.25

COMPUTER APPLICATIONS 2 (420)

Course description: This course is a continuation of Computer Applications 1. The students will use Microsoft Office 2007 to develop applications in Excel (spreadsheet) and Access (database).

Prerequisite: Computer Applications 1
Length of course: One semester (every other day)

Credit: 0.25

COMPUTER APPLICATIONS 3 (422)

Course description: This course introduces students to the programming language Visual Basic 6.0, a flexible, powerful, visual, event-driven language. VB 6.0 has all the features needed to write a small program; it has the features needed to write an incredibly complex program as well. It is easy to use and understand and is scalable in every way. By the end of the course, students will be writing small programs.

Prerequisite: Computer Applications 2 and instructor approval.
Length of course: One semester (every other day)

Credit: 0.25

INTERNET (436)

Course description: This course will be offered to computer literate students to expose and explore the world of the Internet. This course will cover areas such as what is the Internet, how to travel the information superhighway, how to use Web Browsers and Search engines to quickly locate electronic resources, basics of HTML, using Microsoft Frontpage 2000, how to design an Internet web page, and how to create a web site. Internet and computer etiquette will be taught and enforced in this class.

Prerequisite: None
Length of course: One semester (every other day)

Credit: 0.25

CAREER PLANNING (421)

This course provides Junior and Senior students in-depth coverage of the college and job search process with special emphasis on resume development, letter writing, and interviewing skills. Students will be introduced to a variety of career options.

Prerequisite: Junior /Senior standing 1st semester; Junior status 2nd semester.
Length of course: One semester (every other day)

Credit: 0.25

MARKETING (435)

Course description: This course will introduce Junior and Senior students to the three important areas fundamental to successful marketing: Economic, Business, and Human Resources. Students will learn how marketing is used successfully in a variety of United States and international businesses. The students will be given issues facing today's marketers and will have to resolve them with the principles learned.

Prerequisite: Junior/Senior standing.
Length of course: One year (every other day)

Credit: 0.50

MARKETING 2 (440)

Course description: This class is a continuation of Marketing I taken in the junior year and will deal with the actual design and promotion of several Gibault functions: calendar drive, athletics, and possibly others. Students will also take an in-depth look at a specific industry from a marketing prospective.

Prerequisite: Minimum B average in Marketing 1 and recommendation of Marketing 1 teacher.
Length of course: One year (every other day)

Credit: 0.50

YEARBOOK (430)

Course description: Students will use Josten's online program to create the *Trailblazer* yearbook. Students will also be responsible for taking photographs and writing copy.

Prerequisite: None
Length of course: One year (every other *day*)

Credit: 0.50

PRACTICAL ARTS

PUBLIC SPEAKING (324)

Course description: This course is designed to develop students' speaking skills. Students will learn the theory and skills necessary to prepare and deliver speeches. The three elements of effective speaking-verbal, visual, and vocal-plus the importance of positive imagery in building confidence will be introduced.

REQUIRED FOR ALL SENIORS

Prerequisite: None

Length of course: One year

Credit: 0.50

DRIVER EDUCATION (098)

Course description: The classroom portion of the course is designed to teach the beginning driver the concepts necessary for safe motoring. The behind-the-wheel phase is designed to give the students sufficient driving experience to assume the role of a licensed driver. An instruction permit from the state is required for the driving portion (\$20.00) and a driving fee is required by the school (\$30.00). This class will be taught by an instructor from Waterloo High School. Note: class is first filled by sophomores; freshmen may be added only if their schedule will accommodate the class without changing courses/ class sizes (as defined by administration).

Prerequisites: Students must be at least 15.

Credit: 0.25

ENGLISH

READING/ STUDY SKILLS (302)

Reading and Study Skills combined with Freshman English will provide opportunities for students who need to improve reading, accuracy, speed and comprehension. Other skills to be emphasized include logical reasoning, vocabulary, spelling, and study skills. A strong emphasis will be placed on organizing work for each class in which students are enrolled. Overall, the course will provide a secure environment for reading and studying.

Length of course: One year

Credit: 0.50

ENGLISH 1 (300)

Course description: This course will provide freshmen with the necessary skills for studying English at the high school level. These skills include vocabulary, grammar and usage, library research skills and an introduction to the major categories of literature. There will also be an emphasis on the review of the eight parts of speech and a comprehensive study of the five phrases to enhance the students' writing skills and prepare them for college writing. Included are the short story, novel, drama, poetry and mythology.

Length of course: One year

Credit: One

ADVANCED ENGLISH 1 (301)

Course description: This course is designed for freshmen who have demonstrated a strong aptitude for grammar, writing, and reading in the eighth grade and who have the ability to move at a faster pace than those in regular Freshman English. A comprehensive study of phrases and clauses, along with a review of the eight parts of speech, will enhance the students' writing skills and help prepare them for Advanced Sophomore English and junior/senior college (CO) English classes. Also included will be an extensive study of the major genres of literature: the short story, novel, drama, poetry, and mythology.

Prerequisite: Determined by placement test and standardized test scores; must exhibit strong grammar and writing skills.

Length of Course: one year

Credit: One

ENGLISH 2 (310)

Course description: This course will continue the study of the major genre of literature (short story, novel, drama, poetry) as begun in English 1, but with greater emphasis on critical reading, literary analysis, and theme recognition. Each unit of literature will be followed by a project designed to further develop the students' writing and oral communication skills. Through these projects, students will be introduced to essay writing, library research, and giving oral presentations in class.

Length of course: One year

Credit: One

ADVANCED ENGLISH 2 (311)

Course description: Designed for students who excel in language arts, this course is especially recommended to those who may be considering taking any of Gibault's college credit courses as juniors and seniors. This course reinforces the Humanities approach to the study of literature: the literature is chosen to parallel the historical periods covered in sophomore history. Novels and plays in this class are written on a more advanced reading level and will be studied at a faster pace. As in regular English 2, emphasis will be placed on critical reading skills, literary analysis, and theme recognition.

In order to prepare students for the writing skills in Junior/Senior college credit (CO) courses, this class will teach the basics of constructing an essay and research paper. In summary, sophomores who take this course will receive a solid background in the literature and composition skills necessary for succeeding in future honors courses.

Prerequisite: 90% average in English 1 and recommendation from Freshman English teacher.

Length of course: One year

Credit: One

ENGLISH 3: COMPOSITION: (Juniors) Writing, Research, and English literature (320)

Course Description: English 3/ Composition is a comprehensive writing course which builds on the essay-writing skills begun in sophomore year. The class reinforces the concept of writing as a "process" by approaching each writing project as five stages of writing; prewriting, drafting, revising, proofreading, and publishing. Course assignments are designed to give students experience in the descriptive, narrative, expository, and persuasive styles of writing. Specific grammar, punctuation, sentence structure and word choice skills will be practiced during the revision/proofreading stages of each writing project. In the second semester students will become more proficient in research skills and the use of in-text documentation during the research paper assignment.

Length of course: One year

Credit: One

ENGLISH 3: INTRODUCTORY COMPOSITION (Juniors) (321)

Course Description: This course focuses primarily on the writing process and the development of skills that began in sophomore year. The class reinforces the concept of writing as a "process" by approaching each writing project as five stages of writing; prewriting, drafting, revising, proofreading, and publishing. Topics that will be covered in the first semester include: sentence structure and the use of clauses, grammar, word choice skills, and writing a personal narrative essay. Topics that will be covered in the second semester include: writing a literary essay, speech, and using research skills and in-text documentation during the research paper assignment.

Length of course: One year (everyday)

Credit: One

ENGLISH 4: AMERICAN LITERATURE (Seniors) (330)

Course description: This course is a survey of the major periods and writers in American Literature, introducing students to our country's literary heritage. The course will also review the general history of each time period so that students will understand how writers are influenced by the events and experiences of their times. Units will include Early American Writers (Colonial Period), the Revolutionary War period, Romanticism and Transcendentalism, Realism, and Modern/Contemporary Writers. The works of such major American authors as Washington Irving, Edgar Allan Poe, Emily Dickinson, Walt Whitman, Mark Twain, Arthur Miller, John Steinbeck, and J.D. Salinger will be discussed in depth. Students will be expected to complete regular reading assignments, write 2-3 five-paragraph essays, and work together on two group research projects. In addition, students are required to read independently one extra novel per quarter from a reading list of American literature.

Length of course: One year (every day)

Credit: One

Prerequisite: Successful completion of ENX150, ENGX190 , ENGX202 & minimum 3.0 GPA.
Length of courses: Two semesters Credit: One

JOURNALISM 1 (326)

Course description: This class is open to any student who is interested in working on the school newspaper or yearbook. This course is designed for students who want to learn the fundamentals of journalism and desktop publishing. In addition to studying the course content/textbook, students will be required to submit an article per quarter to the school newspaper/yearbook. Students will use some internal resources and hands on interactive software to complete some of the course assignments. This elective course does not fulfill the requirement for an English credit.

1st Quarter: Journalists' Responsibilities, Interviewing Techniques, News Writing, Style and Editing

2nd Quarter: Column and Review Writing, Photojournalism, Writing Captions

3rd Quarter: Feature Writing, Editorial Writing, Sports Writing

4th Quarter: Publication Design, Page Maker Program, Headline Writing, Special Topic Chapters

Length of course: One year (every other day). Credit: 0.50

JOURNALISM 2: NEWSPAPER PRODUCTION (327)

Course description: Producing news articles and feature columns for the school newspaper *THE NEW REVOLUTION* is the function of this class. Along with acquiring more journalistic knowledge and skill, student journalists will write to produce an informative newspaper. Attendance is required on an every other day schedule. The entire newspaper staff will meet informally for editorial discussions, some occasional instruction and for individual conferences. Most of the class time will be spent working individually on newspaper assignments. Individual work may include financial management, photography, advertising, writing, editing, and designing skills, including proficiency on computers. This course is an elective and does not fulfill the English requirement.

Prerequisite: Journalism 1 and instructor approval.

Length of course: One year Credit: 0.50

JOURNALISM 3 and JOURNALISM 4 (328/ 329)

Course description: These classes are designed for self-motivated students who are capable of writing in-depth articles. These few students will be responsible for managing and producing the student newspaper. The publication of the newspaper is the primary function of the members of this class. As newspaper managers these students will serve the student body, staff, and the community through the writing, management, and production of an informative, discussion-provoking newspaper. The class does not meet as a formal class. Informal "Class meetings" will take place on an every other day basis with the editor and/or faculty advisor to plan, organize, and produce the newspaper.

Prerequisite: Third or fourth year journalism students chosen by the advisor. Credit: 0.50

Length of course: One Year

ADDITIONAL POINTS CONCERNING NEWSPAPER STAFF

1. *Students can be on the Revolution staff for three years after completing Journalism 1.* Only those students holding MAJOR editorial and production positions or regularly contributing writers can receive academic credit in their second and third year of journalism.
2. Students who want to be on the newspaper staff as a writer, a layout designer or a major photographer must take Introduction to Journalism. Secondary contributors, such as illustrators, part-time photographers or guest writers do not have to take the course.

FOREIGN LANGUAGE

Language study prepares us to live in the Global Village that our world is becoming. Increased travel, business, and communication with other countries demands skills in more than one language. It requires an understanding of different cultures and other ways of thinking and acting. Language study opens our minds and hearts to these differences and develops the skills to be comfortable with them.

French 1 (121)

Course description: French 1 is an introductory course offered to students to enrich their cultural, professional, and personal life through the learning of a foreign language and civilization. Students will communicate in French through listening, writing, speaking and reading. Basic vocabulary concerning numbers, food, sports, seasons, dates, colors, school, activities, weather, family, and telling time will be covered. Basic grammatical structures including the present tense of regular and irregular verbs, adjectives, negatives, questions, commands, articles, and object pronouns will be introduced.

Prerequisite: Dept. approval

Length of course: One year

Credit: One

French 2 (122)

Course description: This course is offered to students to build on French 1 skills in reading, writing, listening and speaking in the foreign language as well as increase the student's awareness of French culture. Through daily communicative activities in the target language, students will increase their vocabulary concerning clothing, furniture, rooms, directions, food, weather, activities, questions, illnesses, suggestions, apologizing, and giving advice. Students will also build on grammar structures learning the past tense, imperfect tense, and near future tense of regular and irregular verbs.

Prerequisite: Minimum of C average in French 1 and/or dept. approval.

Length of course: One year

Credit: One

HN French 3 (123)

Course description: Students will increase their language proficiency and build fluency through daily communicative activities and composition writing. Listening exercises will include hearing native speakers in a variety of typical, daily situations. Grammar skills will be expanded to include the future tense, the conditional tense, idiomatic expressions, negative constructions, and object pronouns. Students will expand their knowledge of the culture through independent projects on various francophone countries.

Prerequisite: Minimum of B in French 2 and/or dept. approval.

Length of course: One year

Credit: One

HN French 4 (124)

Course description: An intense language course designed to refine the four basic skills of reading, writing, speaking, and listening. Fluency and proficiency in the language will be enhanced through storytelling and a variety of other communicative activities. Listening exercises will include hearing native speakers in a variety of typical, daily situations. Grammar skills will be expanded to include the subjunctive tense, compound perfect tenses, relative pronouns, prepositions, and possessives. Students will expand their knowledge of the culture through independent projects on various francophone countries.

Prerequisite: Minimum of B in French 3 and/or dept. approval.

Length of course: One year

Credit: One

SPANISH 1 (131)

Course description: Spanish 1 is an introductory course offered to students to enrich their cultural, professional and personal life through the learning of the second most commonly used language in our country. Students will learn basic listening, writing, reading and speaking skills in the target language, as well as becoming familiar with the cultures where it is used.

Prerequisite: Department approval
Length of course: One year

Credit: One

ADV Spanish I (130)

Course description: Honors Spanish I will move at a more rapid pace than Spanish I. It is for those students with high scores in Mathematics and Language on the placement exam, or simply have a natural ability for language study, as evidenced by performance in Spanish at the elementary school level.

Prerequisite: Department approval or recommendation by grade school teacher of Spanish.
Length of Course: One year

Credit: One

SPANISH 2 (132)

Course description: Spanish 2 will build on the communication skills learned in Spanish I to increase the student's ability to use the language. Cultural awareness is continued with new themes.

Prerequisite: A minimum of C average in Spanish 1 and/or departmental approval
Length of course: One year

Credit: One

ADV SPANISH 2 (138)

Course Description: Advanced Spanish 2 will build on the communication skills learned in Spanish 1 to increase the student's ability to use the language. Cultural awareness is continued with new themes. Students will move at a more rapid pace than Spanish 2.

Prerequisite: A minimum of a B average in Spanish 1 and departmental approval.
Length of Course: One year

Credit: One

HN SPANISH 3 (133)-Semester 1
CO SPANISH 3 (135)-Semester 2

ST. LOUIS U course: SPX110

Course description: Students will increase their language proficiency and build their fluency. Students will focus on all four language skills: listening, writing, reading, and speaking in addition to cultural awareness. "Students **with a GPA of 3.0 or above** may enroll in the St. Louis U. 1-8-1-8 program and earn three college credits second semester (**SLU Sp 110**). Cost in 2010-11 was \$65.00 per credit paid directly to the University.

Note: second semester course is HN Span 3 (137) if not taken for college credit from SLU.

Prerequisite: Dept. approval and minimum of B in Spanish 2 or special department approval.
Length of course: One year

Credit: One

CO SPANISH 4 (136)

ST. LOUIS U courses: SPX 115 (Sem. 1)
SPX210 (Sem.2)

Course description: Spanish 4 is an intense language course. All four skills are practiced: listening, speaking, reading, and writing. Emphasis is on composition and conversation. Students learn to read foreign newspapers in Spanish and come to an awareness of what is happening in the Spanish-speaking world today. They will become acquainted with literature of Spain and Latin America.

"Students **with a GPA of 3.0 or above who have completed SLU Span.110** may enroll in the St. Louis U 1-8-1-8 program and earn three college credits PER SEMESTER: (SLU Spx115 sem 1) (SLU Spx210, sem. 2) Cost in 2010 –11 was \$65.00 per credit.

Note: HN SPAN 4 (134) is course name/number if Spanish 4 is not taken for college credit.

Prerequisite: Dept. approval and successful completion of HN/CO Spanish 3.

Length of course: One year

Credit: One

INTRODUCTION TO LATIN (140)

Course description: In this elective course, students will learn the basics of the Latin language, be able to translate simple readings, greatly increase their vocabulary, and at the same time investigate (uncover) the history, culture and contributions of the Ancient Romans. It will be especially helpful to those going into medicine, nursing, law, pharmacy and education. This course does not fulfill the foreign language requirement for graduation. Rather, it is supplemental.

Requirements: Capability of learning a foreign language as determine by a placement test or previous language study.

Length of Course: One year (every other day)

Credit: .50 per semester

LATIN 1 (141)

Latin 1 gives the basic structures of the Latin language enabling the student to read and write simple sentences. Emphasis is given to vocabulary building for both English and other foreign languages. It will foster logical and well-ordered thinking besides increasing vocabulary for careers in medicine, law, education, diplomacy, and other professions. Roman history, legends and culture are learned through the Latin readings. **THIS COURSE DOES NOT TAKE THE PLACE OF THE 2-YEAR REQUIREMENT.**

Prerequisite: Introduction to Latin

Length of Course: One Year

Credit: .50 per semester

LATIN AMERICAN CULTURE (130)

Course description: This is an enrichment course for students not taking a foreign language. It examines the culture, history, geography, current events and language of Spanish speaking countries –Latin America and Spain through film, music, art, realia, lecture, and active participation. Learning activities include food demonstrations and power point presentations. The objective of the course is to broaden our concept of the world and to understand better our Spanish-speaking neighbors.

Prerequisite: Juniors/Seniors who are not taking a foreign language.

Length of course: One semester or one year (every other day)

Credit: 0.25 per semester

MATHEMATICS

For those students planning a college education, courses in Algebra 1, Algebra 2 and Geometry are a minimum recommendation from the Math Department. Most universities require a thorough knowledge of College Algebra and Trigonometry before beginning study in any of the following fields: computer science, math, physics, chemistry; or any type of engineering. All math courses require daily study and preparation and are two semesters long. The following course descriptions show the grade students should achieve for the next course level. Students in courses 150, 151, 152, 153, 154 or course 158 must pass the second semester AND have a passing yearly average to obtain full credit for the course. Students move to a higher "track" by earning an A in a course. *Students making a D should move to a lower "track" course.* **Basic Geometry students need their teacher's recommendation for the next course.**

INTRODUCTION TO ALGEBRA (150)

Course description: This course is an introduction to basic algebraic structure and skills. Basic number concepts and properties are reviewed and enhanced as skills in problem solving are introduced. Topics covered include positive and negative numbers, solving equations, percents, ratios, proportions, and inequalities. (Note: This math credit is not recognized by colleges for admission purposes.)

Prerequisite: Placement by scores on standardized tests.

Length of course: One year

Credit: One

FUNDAMENTALS OF ALGEBRA (151)

Course description: This course will build on basic number concepts and properties. Topics covered include positive and negative numbers, solving equations, percents, ratios, proportions, graphing functions, inequalities, probability, polynomials, factoring and systems of equations. (Note: This math credit is not recognized by colleges for admission purposes.)

Prerequisite: Placement by scores on standardized tests.

Length of course: One year

Credit: One

ALGEBRA 1 (152)

Course description: Algebra 1 provides the basic language, symbols and operations necessary for solving equations, inequalities and word problems. Polynomials and linear systems, positive and negative exponent operations, perimeter, area, and volume of basic and complex shapes are studied in depth. Algebra 1 provides the foundation for all upper level courses in mathematics.

Prerequisite: Above average score on standardized tests. A good background of pre-algebra or at least part of an Algebra 1 course in grade school.

Length of course: One year

Credit: One

INTERMEDIATE ALGEBRA 2 (154)

Course Description: This course is designed for students who have a fundamental understanding of Algebra 1. This course extends that knowledge to include new techniques of factoring polynomials, solving equations, matrices, radicals, complex numbers, the conic sections, and quadratic systems.

Prerequisite: C average in Algebra 1 and recommendation of teacher.

Length of course: One year

Credit: One

ALGEBRA 2 (153)

Course description: This course reviews Algebra 1 and extends that knowledge to include new techniques of factoring polynomials and solving equations. Additional topics include matrices, radicals, complex numbers, the conic sections, quadratic systems, exponential functions, logarithmic functions, and basic trigonometry.

Prerequisite: B average in Alg 1 and recommendation of teacher.

8th grade students need a FULL course in Alg 1 before attempting a course in Alg 2.

Length of course: One year

Credit: One

ADVANCED ALGEBRA 2 (158)

Course description: This course is designed for students who have a strong aptitude in mathematics, excellent work and study habits, and the ability to move at a faster pace than the students in a regular Algebra 2 course. Topics in Advanced Algebra 2 will be studied in more depth and students will work more challenging problems. The course reviews Algebra 1 and extends that knowledge to include new techniques of factoring polynomials and solving equations. Additional topics include matrices, radicals, complex numbers, the conic sections, quadratic systems, exponential and logarithmic functions, and basic trigonometry.

Prerequisite: A average in Algebra 1 & recommendation of teacher (8th graders also need high math scores on standardized tests. 8th grade students need a FULL course in Algebra 1 before attempting an Algebra 2 course.)

Length of course: One year

Credit: One

FUNDAMENTALS OF GEOMETRY (155)

Course description: Basic Geometry will develop the student's ability to think clearly and logically. Students will be able to recognize geometric figures and concepts in the world around them. Students will apply geometric concepts through the use of drawings and constructions. Topics to be covered in Fundamentals of Geometry include distance, angle measurement, angle relationships, triangles and congruence, triangle relationships, parallel lines, quadrilaterals, similarity and similar triangles, polygons, circles, space figures, perimeter, area, volume, coordinate geometry, and trigonometric ratios. Formal mathematical reasoning (proofs) will be used to develop concepts.

Prerequisite: D average in Fundamentals of Algebra (course 151) or D average or completion of Int. Algebra 2 and recommendation of teacher. This course does not meet the NCAA geometry requirement.

Length of course: One year

Credit: One

INTERMEDIATE GEOMETRY (169)

Course description: Students in this course will be introduced to the language, symbols, and relationships which exist between geometrical figures in two dimensions. This course will develop a student's ability to think logically by writing geometric proofs. Students will use reason to prove facts about the relationship of lines, angles, triangles, circles, and polygons.

Prerequisite: C average in Intermediate Algebra 2 or D average in Algebra 2 and recommendation of teacher.

Length of course: One year

Credit: One

GEOMETRY (156)

Course description: This course has two major goals. One is to introduce students to the language, symbols, and relationships which exist between geometrical figures in two or three dimensions. The second goal is to develop logical thinking through the extensive writing of geometric proofs. The student will learn to use reason to prove facts about the relationship of lines, angles, triangles, circles, polygons and 3-dimensional figures. It is necessary for students to be able to think independently, explore many possibilities, and analyze situations in order to succeed in Geometry.

Prerequisite: C average in Algebra 2 and recommendation of teacher

Length of course: One year

Credit: One

ADVANCED GEOMETRY (159)

Course description: This course is designed for students who have a strong aptitude in mathematics, excellent work and study habits, and the ability to move at a faster pace than students in a regular Geometry course. Topics in Advanced Geometry will be studied in greater depth and students will work more challenging problems. This course has two major goals. One is to introduce students to the language symbols, and relationships which exist between geometrical figures in two and three dimensions. The second goal is to develop logical thinking through extensive writing of geometric proofs. The student will learn to use reason to prove facts about the relationship of lines, angles, triangles, circles, polygons, and 3-dimensional figures. It is necessary for students to be able to think independently, explore many possibilities, and analyze situations in order to succeed in Advanced Geometry.

Prerequisite: C average in AD Algebra 2 or A average in Algebra 2 and recommendation of teacher

Length of course: One year

Credit: One

COLLEGE ALGEBRA AND TRIGONOMETRY (168)

Course Description: This course is designed for seniors who wish to expand their knowledge of Algebra 2. Topics that will be covered in the first semester include: linear relations and functions, systems of equations and inequalities, graphs, and polynomial and rational functions. Topics that will be covered in the second semester include: trigonometric functions, graphs and inverses of the trigonometric functions, trigonometric identities and equations, and vectors and parametric equations.

Prerequisite: B average in Int. Algebra 2 and in BA Geometry and recommendation of teacher

Length of course: One year

Credit: One

ADVANCED COLLEGE ALGEBRA AND TRIGONOMETRY (161)

Course description: This course is designed to give the student the necessary background for a beginning study of Calculus. The first semester will be spent in an in depth study of trigonometry. The second semester will be spent studying topics in College Algebra such as exponential equations, logarithms, conic sections, vectors, sequences, series, polar coordinates, and probability.

Prerequisite: C average in both Geometry and Algebra 2 & recommendation of teacher

Length of course: One year

Credit: One

HONORS COLLEGE ALGEBRA AND TRIGONOMETRY (160)

Course description: This course is designed for students who have a strong aptitude in mathematics, excellent work and study habits, and the ability to move at a faster pace than the students enrolled in a regular College Algebra and Trigonometry course. This course is designed to give students the necessary background for a beginning study of Calculus. The first semester will be spent in an in depth study of trigonometry. The second semester will be spent studying topics in College Algebra such as exponential equations, logarithms, conic sections, probability, polar coordinates, vectors, sequences, and series.

Prerequisite: C average in AD Geometry or A average in Geometry and recommendation of teacher.

Length of course: One year

Credit: One

ADVANCED CALCULUS PREP (157)

Course description: This course will prepare college-bound students for a first course in Calculus. The topics presented are prerequisites for college calculus. The presentation of these topics develops an intuitive base and some of the tools for the study of more advanced mathematics.

Prerequisite: Completion of College Algebra/Trig and recommendation of math teacher

Length of course: One year

Credit: One

HONORS CALCULUS 1 (162)

CO CALCULUS 1 (164)

ST. LOUIS U course (MT X142)

Students who have a cumulative GPA of 3.0 may take CO Calculus 1 (164) for college credit through St. Louis University's 1-8-1-8 program. St. Louis University tuition was \$65 per credit during the 2010-2011 school year. Four hours of college credit are awarded for successful completion of this course.

Course description: Calculus is a useful tool in the study of or in the everyday operation of business, physics, operations research, engineering or actuarial science. Students should possess an advanced ability to analyze problems using a broad basis of techniques. Topics in this course will include functions, limits, derivatives, curve sketching and basic integration techniques. Content of the course is equivalent to a regular one-semester college Calculus 1 course. Students have the choice of taking the course for college credit through the SLU 1818 ACC program or, at the conclusion of the course, students will have the opportunity to take the Advanced Placement Exam for use at the college or university of their choice.

Prerequisite: B average in College Algebra, Trigonometry and recommendation of teacher

Length of course: One year

Credit: One

HONORS CALCULUS 2 (163)

Course description: This course will build on the skills learned in HN Calculus 1. Topics in this course will include applications of integration, additional integration techniques, and finite series. At the conclusion of this course students will have the opportunity to take the Advanced Placement Exam. (Passing this exam with a high score will gain students college credit.)

Prerequisite: B average in Honors Calculus 1 and recommendation of teacher.

Length of course: One year

Credit: One

BUSINESS MATH (408)

Course description: This course provides comprehensive coverage of personal and business-related mathematics. Basic operations of arithmetic will be reviewed and students will be prepared to understand and manage their personal finances as well as grasp the fundamentals of business finances. Topics covered include but are not limited to: calculating pay, banking, credit, insurance, business data analysis and profit and loss. **This course does not meet the criteria for high school math courses which are acceptable at most colleges or universities.**

Prerequisite: Junior/Senior standing and recommendation of teacher

Length of course: One year

Credit: One

MUSIC (Part of Fine Arts Department)

MUSIC APPRECIATION (038)

Course description: The goal of this class is to help the student gain an understanding and appreciation of how music can influence our lives in general. Students will study simple music theory, musical terms and the history of music from several periods including Baroque Period, Classical Period, Romantic Period, etc. Students will also study rhythms, musical styles and work on listening skills. (This class fulfills 0.50 credit in Fine Arts. Graduation requirement is one full credit in Fine Arts)

This class is required for freshmen who are not in Band, Draw 1, Ceramics or Chorus.

Length of course: One year (every other day)

Credit: 0.50

CONCERT BAND (034)

Course description: Concert Band is open to any Gibault student with at least one year of playing experience. The students participating in Concert Band can expect to gain a technical facility on their instruments, a basic understanding of music fundamentals and team oriented achievement. Band members are expected to participate in several concerts and performances throughout the year. Attendance at all performances is expected. Advance notice of performance dates will be given so that students and parents can plan ahead.

Prerequisite: Instructor approval.

Length of course: One year

Credit: One

JAZZ BAND (033)

Course description: Jazz Band is open to all students. An audition is required for membership. A student who becomes a member can expect to learn basic improvisational skills, a basic knowledge of music theory and the interpretation of music in the jazz, big band and rock styles. Attendance is expected at all practices and performances.

Length of course: One year

Credit: One

MIXED CHORUS (036)

Course description: This is a vocally balanced group open to anyone who has the ability to match pitch. Basic musicianship and knowledge of part-singing along with a desire to contribute one's best effort for the group is essential for membership. Attendance in class and performance, good conduct and improvement of one's musicianship is expected. Mixed Chorus members are expected to participate in several concerts throughout the year.

Prerequisite: Instructor approval.

Length of course: One year

Credit: 0.50

JAZZ THEORY and IMPROVISATION (032)

Course description: This is an elective course open to any student enrolled in the jazz band. In this class students will learn basic jazz theory and how to put that knowledge to use while improvising. Listening to music and analyzing it will also be part of the fun of learning more about the art of improvisation.

Prerequisite: Member of jazz band OR permission of band director.

Length of course: One year

Credit 0.50

PHYSICAL EDUCATION

The Physical Education program prepares students for an active, adult lifestyle through training in physical conditioning and the fundamentals of various sports. All participants must dress for every class and participate to their fullest ability. Students are required to complete one full credit of Physical Education and Health prior to graduation.

BOYS' P.E. (630)

Course description: The boys' P.E. class is a male-only class designed to give students the optimal environment for participation. The class will include walking and running for time and distance, weight training sessions, and various sport competitions.

Length of course: One semester or one year

Credit: 0.25 per semester

GIRLS' P.E.(640)

Course description: The girls' P.E. class is a female-only class designed to give students the optimal environment for participation. The class will include walking and running for time and distance, weight training sessions, and various sport competitions.

HEALTH (610)

Course description: Course topics will include the elements of health, mental health, nutrition, the body and exercise. In class, students will discuss current events involving health-related topics. Students are tested on the topics discussed in class and reports on recommended subject matter.

This course is required for all **Sophomores**

Length of course: One semester

Credit: 0.25

RELIGION

FRESHMAN RELIGION: (101)

UNDERSTANDING CATHOLIC CHRISTIANITY,

Course Description: First Semester: This semester covers coming to terms with each person's unique contribution to society and reviewing basic beliefs about God and the Catholic Church. Students will participate in prayer services in Gibault's Chapel.

ISSUES IN SEXUALITY

Course Description: Second Semester: Covers the Church's approach to Human Sexuality and is studied in all of its dimensions: spiritual, physical, moral, social, intellectual and emotional.

Prerequisite: Required for all Freshmen

Length of course: One year

Credit: One

SOPHOMORE RELIGION (102)

HEBREW SCRIPTURES

Course Description: First Semester: The Hebrew Scripture is the foundation for much of our Christian faith. This course acquaints students with the books of the Hebrew Scripture. The class will analyze each work for historical significance and for what it reveals to each student religiously. A close reading of the Bible will be undertaken in order to help students become closer to their faith. Each student will be required to bring or purchase a Bible. Students will plan prayer services, integrating what they learn in the Bible with worship.

CHRISTIAN SCRIPTURES:

Course description: Second Semester: The study of the historical Jesus and the Jesus of faith.

Prerequisite: Required for all Sophomores

Length of course: One year

Credit: One

JUNIOR RELIGION (103)

FAITH AND SACRAMENTS

Course description: First semester: This course combines a study of the Sacraments of the Catholic Church with some of the basic beliefs which Catholics express in the Creed. The purpose of this course is not only to give the students a deeper knowledge of the Sacraments and their Catholic Faith, but it is also hoped that this will lead to a deeper appreciation and a more meaningful living of their Catholic Faith.

CHRISTIAN MORALITY

Course description: Second semester: During this course Juniors will have opportunities to ponder choices in their personal behavior and lifestyles, as well as societal values and norms that influence those choices. The course affirms the belief that Jesus and his Church provide a life-affirming vision, thoughtful guidance, inspiring stories, and essential norms for making decisions about how to dwell together creatively and conscientiously. The first part of the course concerns the traditional categories used within the community to formulate its moral purpose such as the teaching of Jesus, Scripture, conscience, character, law, sin, and virtue. The second part is a systematic presentation of major moral issues. Students will learn what Church leaders have to say about these current and controversial topics.

Prerequisite: Required for all Juniors

Length of course: One year

Credit: One

SENIOR RELIGION (105)
THE CHURCH AND SOCIAL JUSTICE

JUSTICE

Course description: First semester: This course will direct the students' attention to justice issues in today's world. A study of Church statements and government documents on the issues will be covered. Students are required to perform a final research project on a justice issue.

CHRISTIAN LIFESTYLES

Course description: Second semester::This course covers units on the single life and the consecrated life including the ordained vocation. The course also covers preparation for marriage, the sacrament of marriage, and family life.

Prerequisite: Required of all Seniors

Length of course: One year

Credit: One

ISLAM AND CHRISTIANITY (108)

Course description: In this **elective** course, students will examine the history, beliefs and customs of the major religions of the world, especially Islam, in order to come to a better understanding of the people, governments, and creeds in our world today. The goal of the course is to promote better relations between Christians and other religions. As students compare and contrast their own to other religions, they will come to a deeper appreciation of their faith. This course will serve as a step toward peacemaking at the local and global level.

Prerequisite: Senior or Junior standing.

Length of course: One semester every other day

Credit: 0.25

RELIGION AND THE ARTS (107)

Course description: This **elective** course is a study of the vital connection between art and religion. Instruction/activities include field trips to various cathedrals, the St. Louis Art Museum, and MOCRA on SLU campus to observe firsthand some of the fine local examples of religious art. In-class discussion will focus on the history and themes of religious art and on research of the major styles, time periods and artists. The purpose of this elective is to expose students to the value and contribution of art to religion.

Prerequisite: Senior or Junior

Length of course: One semester (every other day)

Credit: 0.25

SCIENCE

PHYSICAL SCIENCE (170)

Course description: Physical Science is an introduction into chemistry and physics. This course is designed to provide students with a basic understanding of chemistry and physics. The topics covered include matter and energy, chemistry in our world, motion, forces, electricity, and astronomy. It is important that students learn that science is a method of obtaining knowledge and understanding, and not merely a collection of facts. The students taking this course will be expected to complete laboratory experiments and written homework successfully and achieve a passing grade on all chapter tests.

Prerequisite: Sophomore level with placement by the department.

Length of course: One year

Credit: One

BASIC PHYSICAL SCIENCE (171)

Course description: Basic Physical Science is a fundamental science course designed as an introduction for various science areas. The basics of Chemistry, Physics and Earth Science are included in this course. The course can be used as a preparation for Chemistry. This course is geared to the student who needs some remediation and individual help.

Prerequisite: Sophomore standing with placement by department

Length of course: One year

Credit: One

BIOLOGY (173)

Course description: The major topics covered in this course include scientific method, cell studies, biochemistry, genetics, classification, evolution, animals and diseases. These topics prepare students for future biology courses, as well as environment and anatomy. Topics are also useful in terms of daily health problems, etc.

Prerequisite: Freshmen.

Upperclass --instructor approval

Length of course: One year

Credit: One

BASIC BIOLOGY (175)

Course description: This course covers the main areas of life science in an understandable and non-technical manner. The subjects include the scientific method, cells, biochemistry, genetics, animals, evolution, and diseases. It will prepare the student for future courses in Environment or Chemistry. This course is geared to the student who needs some individual help and remediation.

Prerequisite: Freshman

Length of course: One year

Credit: One

CHEMISTRY/ JUNIORS & SENIORS (176)

Course description: This is a college prep course for average and above average students interested in going into a science related or technical field. The students who take the course will be expected to use their math skills in an applied situation. Students will be required to do lab reports on experiments done in the course, written homework on the topics in the course, and achieve a passing grade on all chapter tests. The course content will include the study of scientific method, scientific measure, atomic structure, quantum structure, electron configuration, trends in the periodic table, chemical bonding, stoichiometry, and chemical formulas.

Prerequisite: Students must have passed Algebra 2 or be currently enrolled in the course.

Length of course: One year

Credit: One

HONORS CHEMISTRY/ SOPH (177)

Course Description: This is a college prep course for above average students interested in going into a science-related or technical field. The expectations and topics covered are similar to Chemistry/Jr & Sr (176) but will be covered in more depth and at a faster pace.

Prerequisite: Sophomore standing with instructor approval

Length of course: One year

Credit: One

HONORS CHEMISTRY 2-Semester 1(178)

HONORS PHYSICS/ JR Semester 2 (181)

Semester 1: This course will include topics not typically covered in a high school chemistry course. The topics covered in this course will include: aqueous reactions and solution stoichiometry, thermochemistry, gases, intermolecular forces, chemical kinetics, chemical equilibrium, and an introduction to organic chemistry. This course can be taken for college credit through the Advanced Placement Test.

Semester 2: This course is a college prep course for those interested in a science related or technical field. Students who take the course will be expected to use their math skills in an applied situation. Trigonometry will be used whenever possible in the course. Physics topics covered will include motion, force, Newton's Laws, circular motion, and conservation of energy.

Prerequisite: Junior standing and enrolled in Geometry or College Algebra & Trigonometry. Instructor approval.

Length of Course: One year (1 semester per course)

Credit: One

CHEMISTRY I (179)

Course Description: Similar topics will be covered as in a college prep Chemistry course, but at a slower pace and with a minimum amount of math. The course content includes the study of matter, scientific method, scientific measure, atoms, atomic model, the periodic table, periodic trends, chemical reactions, chemical bonding, and chemical equations.

Prerequisite: Sophomore or Junior standing and instructor approval

Length of course: One year

Credit: One

CHEMISTRY II (192)

Course description: This course is a continuation of Chemistry I. The content of the course includes molecular geometry, gas laws, solutions, and an introduction to organic chemistry.

Prerequisite: Junior or Senior standing and completion of Chem. I with a minimum of C average AND instructor approval

Length of course: One semester

Credit: .50

PHYSICS/ SR (180)

Course description: This course is a college prep course for those interested in a science related or technical field. The students who take the course will be expected to use their math skills in an applied situation. Trigonometry will be used whenever possible in the course. Topics to be included are Kinematics, Momentum, Energy, and Waves. Students taking the course will be expected to do written lab reports on experiments done in the course.

Prerequisite: Senior standing and the student must either be enrolled in College Algebra and Trigonometry or Calculus I or Calculus II. This course requires instructor approval.

Length of course: One year

Credit: One

HONORS PHYSICS/ SR (182)

Course Description: This is a college prep course for those interested in a science related or technical field. Students will be expected to use their math skills in an applied situation. Trigonometry will be used whenever possible in the course. Topics to be included are Momentum, Energy, Waves, Light, Magnetism, and Electricity. Students will be expected to do written lab reports on experiments done in the course.

Prerequisite: Senior standing and student must either be enrolled in College Algebra and Trigonometry or Calculus I or Calculus II. This course requires instructor approval.

Length of Course: One year.

Credit: One

ENVIRONMENT (190)

Course description: This course is designed to acquaint the student with various aspects of environmental problems, and search for solutions to these problems along with climate change. Air, water, soil and weather are the main areas covered.

Prerequisite: Senior standing with Chemistry preferable. Approval of instructor.

Length of course: One semester (second)

Credit: 0.50

HONORS ANATOMY (195)

Course description: Human anatomy and comparative vertebrate anatomy is emphasized. For the human, the text and charts are used and for other vertebrates, a series of animals are dissected and compared. This course is meant to prepare students who are interested in pursuing medical and related fields.

Prerequisite: Senior standing and completion of Biology with B average and departmental approval

Length of course: One semester (first)

Credit: 0.50

INTRODUCTION TO ANATOMY (196)

This introductory course presents a comprehensive view of what is known about the universe, with emphasis on conceptual understanding. The course explores both the history of astronomy and modern theories. Topics include the scale of the universe, constellations, planets, our solar system, the life cycle of stars, nebula, galaxies, and the nature of the universe.

Prerequisite: Junior or Senior standing

Length of course: Spring Semester

Credit: 0.5

SOCIAL STUDIES

The Gibault Social Studies Department attempts to provide students with a basic understanding of trends in world and American history. We place emphasis on skills in geography; relating historical events to modern times; citizenship; and knowledge of government. We strive to meet the following goals:

1. Understand political systems with an emphasis on the United States (IL. State Goal 14)
2. Understand economic systems with an emphasis on the United States (I.S.G. 15)
3. Understand events, trends, individuals and movements shaping the history of Illinois, the United States, and other nations. (I. S. G. 16)
4. Understand world geography and the effects of geography on society with an emphasis on the United States. (I.S.G. 17)

ADVANCED WORLD HISTORY / FRESHMAN (200)

Course description: The class will survey pre-history and the beginnings of the first civilizations. The course begins with a study of Greco-Roman thought and a look at concurrent non-Western cultures. There will be a heavy emphasis on the role Christianity played in the history of the Middle Ages. The course concludes with a look at Islamic civilization and its expansion throughout the world. Emphasis will be placed on writing and outside readings. Testing will include the use of essays and research techniques.

Prerequisite: Freshmen only. Departmental permission
Length of course: One year (every other day)

Credit: One

WORLD HISTORY/ SOPHOMORE (210)

Course description: The class will examine the rise of the European nations and the impact their struggles had on the world. Topics will include the English monarchy, Advanced Renaissance, the French Revolution, Napoleon, China and Japan and the Russian tsars. The semester ends with a study of the Industrial, Scientific, and Cultural Revolutions. The historic events of the 20th century will be explored. Topics include WWI and WWII. The course has an introductory look at America's influence on the world scene and look at post WWII histories of many different countries.

Prerequisite: Required for sophomores not in Advanced World History/ Soph
Length of course: One year (every other day)

Credit: One

ADVANCED WORLD HISTORY/ SOPHOMORE (212)

Course description: This class will cover the same topics as the regular class, but at an accelerated pace. Emphasis will continue to be placed on writing, outside readings, and research techniques. Testing will be exclusively by essay.

Prerequisite: Student must have at least a B average in Advanced World History/ Freshman
Length of course: One year (every other day)

Credit: One

GEOGRAPHY 1 (250)

Course description: This class will explore, cultures, landscapes, and people of different countries. Students will be introduced to the fundamentals of geographic study. The earth's landforms and water bodies will be examined. Special emphasis will be placed on map skills, the relation of people to their environment, and the factors the environment puts on the ability of humans to meet their basic needs.

Prerequisite: Freshman standing

Length of course: One year (every other day)

Credit: 0.50

GEOGRAPHY 2 (255)

Course description: This course will concentrate on the advanced aspects of geographic study. Mapmaking and the skills of cartography will be explained. The mathematics of map measurement and the history of its development will be explored. Students will explore through research and a presentation the different aspects of landscapes and how these affect people and their culture.

Prerequisite: Must have passed Geography 1 (250) or departmental approval.

Length of course: One year (every other *day*)

Credit: 0.50

US HISTORY/ JR (220)

Course description: The course will cover major historical themes and events in American History from Colonial Times to the Civil War. The Federal Constitution test is included in this course.

Required for all Juniors who are not in the College US History course.

Length of course: One year (Every other day)

Credit: One

US HISTORY/ SR (230)

Course description: This course covers major themes from the Civil War to the present day. Emphasis is placed on American Government. The course attempts to explain the processes of American politics and the complexities of American society, as well as to confront students with major political and social themes in modern America. The Illinois Constitution test is included in this course, unless completed in Illinois History.

Required for all Seniors who are not in the College US History course.

Length of course: One year

Credit: One

ECONOMICS (268)

Course description: This course will acquaint students with an understanding of economic systems and how economics blends with other social sciences. Students who complete this course should be able to make more informed economic choices and better function in the American economy.

Prerequisite: Senior standing

Length of course: One semester (Every other day)

Credit: 0.50

ILLINOIS HISTORY (231)

Course description: This course is a hands-on approach to the study of our state's history. Subjects will include early French settlements, the pioneer days, the Roaring 20s, and modern leaders and events. The Illinois Constitution test requirement will also be met.

Prerequisite: Required for seniors enrolled in ORIGINS of MOD WORLD (HSX111)
The textbook for this class is chosen by the instructor and purchased by the student.
Length of course: One Semester (every other day) Credit: 0.25

PSYCHOLOGY (260)

Course description: This course will acquaint the student with a general knowledge of psychology in a scientific manner. The student will come to an understanding of behavior from the many different points of view: physical, emotional, cognitive, social and moral. The student will also be introduced to periodical literature on various topics covered.

Prerequisite: Seniors
Length of course: One semester (every other day) Credit: 0.25

INDEPENDENT HISTORY TOPICS IN HISTORY (280)

Course description: These classes are designed for serious students of history. Class work will consist of completing a reading list on a specific topic and discussing the work with the teacher. Students will be expected to maintain a steady pace and independently arrange meetings with the instructor. The student must present the topic to be studied to the instructor before summer vacation begins.

Prerequisite: Departmental approval

Length of course: One semester Credit: TBD

HONORS HISTORY COURSES AT GIBALT

To be eligible to take a college history course, two members of the Social Studies Department, one of whom is the present teacher, must approve a student. In addition, a student must have a 3.0 GPA, a 90% average of their 1st and 2nd semester grades in Sophomore World History or Junior U.S. History, or a 88% average in Advance World History/Sophomore.

The student may take these courses for college credit, through either St. Louis University's 1-8-1-8 program, or by taking the Advanced Placement test. St. Louis University tuition for the 1-8-1-8 courses was \$65 per credit during the **2010-2011** school year. Three hours of college credit are awarded per semester. A student enrolled in this class has St. Louis University library privileges.

- Objectives: 1. To provide an academic challenge to superior high school students
2. To complete college level History survey courses while in high school

(CO US 1865A Sem.1) (270) HISTORY OF UNITED STATES TO 1865 (SLU course:HSX260)
(CO US 1865B Sem.2) (271) HISTORY OF UNITED STATES SINCE1865 (SLU course:HSX260)

Course description: This course is taught mainly through discussion of readings. There will be a 10 page written research paper assigned. This course starts with a detailed discussion of American Indians and ends with modern America. Students must register for BOTH semesters.

Students are responsible for **purchasing their own book.**

Prerequisite: Junior standing and departmental approval. Minimum 3.0 GPA

Length of course: Two semesters

Credit: One

(CO OMW1500-Sem.1) (272)ORIGINS OF MODERN WORLD THROUGH 1500 (SLU COURSE: HS X111)
(CO OMWPRES-Sem.2) (273) ORIGINS OF MODERN WORLD TO PRESENT (SLU COURSE: HS X112)

Course description: The first semester course includes a study of early civilizations, the classical world, and the medieval world. The second semester covers the transition period of the Renaissance and Reformation, significant events in the early modern world, and in the contemporary world. Emphasis throughout the course is on increasing European awareness of contact with the rest of the world.

Students are responsible for **purchasing their own book.**

Prerequisite: Junior or Senior standing and departmental approval. Minimum 3.0 GPA

Length of course: One year

Credit: One

ADVANCED PLACEMENT--AMERICAN HISTORY (206AP)

Course description: This is a rigorous independent course of study under the guidance of the chairperson of the Social Studies Department. Students will be exposed to an extensive outside reading program in American History. A major objective of this course is to pass the national advanced placement test. An advanced placement student **MUST ALSO BE A STUDENT IN THE HONORS AMERICAN HISTORY CLASS.**

Length of course: One year

Credit: One