Bishop Chatard High School

Freshman Course Descriptions

For the 2012/2013 Academic Year

RELIGION

The religion curriculum of Bishop Chatard is designed to encompass all major points suggested by the United States Council of Catholic Bishops (USCCB) as well as advance further topics.

Religion I
The Revelation of Jesus Christ in Scripture; Who Is Jesus Christ?
Grade 9
Two semesters/Required

The first semester will give students a general knowledge and appreciation of the Sacred Scriptures. They will learn about the Bible, authored by God through Inspiration, and its value to people throughout the world. The students will pay particular attention to the Gospels where they may grow to love and know Jesus more personally. Second semester explores the Mystery of Jesus Christ, the Living Word of God, the second person of the Blessed Trinity. The students will understand that Jesus Christ is the ultimate revelation from God. The students will also learn who Jesus calls them to be.

ENGLISH

The English Department supports the mission statement of Bishop Chatard High School and provides courses of study in which students 1) use language, both oral and written, while working with others to learn and solve problems; 2) communicate clearly using oral language and effective listening techniques; 3) read for understanding; 4) select and use appropriate strategies for writing; 5) use prior knowledge and content area information to reason, apply concepts and make critical judgments.

English 9
Grade 9
Two semesters/Required
Prerequisite: Placement test score or grade school recommendation

English 9, an integrated English course based on Indiana's Academic Standards for English/Language Arts in Grade 9 and the *Common Core State Standards for English/Language Arts*, is a study of language, literature, composition, and oral communication with a focus on exploring a wide variety of genres and their elements. Students use literary interpretation, analysis, comparisons and evaluation to read and respond to representative works of historical or cultural significance appropriate for Grade 9 in classic and contemporary literature balanced with nonfiction. Students write short stories, responses to literature, expository and persuasive compositions, research reports, business letters and technical documents. Students deliver grade-appropriate oral presentations and access, analyze and evaluate online information.

English 9: Language Support
Grade 9
Two semesters/Required
Prerequisite: Psychometric evaluation & special services committee recommendation.
Note: Should be taken concurrently with Applied Writing and Math

This course will follow the same curriculum as English 9. The pace at which this class will move through the curriculum, however, will be slightly different and follow the Orton-Gillingham approach to language development.

English 9
Honors
Grade 9
Two semesters/Required
Prerequisite: Placement test score or grade school recommendation

English 9, Honors, an integrated English course based on Indiana's Academic Standards for English/Language Arts in Grade 9 and the Common Core State Standards for English/Language Arts, is a study of language, literature, composition, and oral communication with a focus on exploring a wide-variety of genres and their elements. Students use literary interpretation, analysis, comparisons and evaluation to read and respond to representative works of historical or cultural significance appropriate for Grade 9 in classic and contemporary literature balanced with nonfiction. Students write short stories, responses to literature, expository and persuasive compositions, research reports, business letters, and technical documents. Students deliver grade-appropriate oral presentations and access, analyze, and evaluate online information. Additionally, the curriculum of this course is designed to address the College Board objectives and to utilize AP Vertical Team strategies for Advanced Placement English courses in an effort to lay important foundation work for future enrollment and success in AP English classes.

Applied Writing and Math: Interdisciplinary Approach
Grades 9-12
Two semesters/Elective
Prerequisite: Dual Enrollment in English 9-12 and/ or Academic Support recommendation

This course will focus on elements of the writing process along with reinforcing math concepts and skills. Students in Applied Writing and Math are also enrolled in a grade level English course. The focus for this class will be to provide students with organizational, analytical and practical language/math based strategies throughout the curriculum.

Beginning Journalism
Grade 9-12
Semester/Elective
Prerequisite: Strong writing skills recommended.

This one semester course emphasizes journalistic writing and design skills. Students will write news, features, sports, editorials, press releases, broadcasts, columns and yearbook features. Journalism law, ethics and news judgment are also addressed. Yearbook/newspaper design, graphics, staff management, time management and computer skills are also included in the class. It is highly recommended students take this course before applying for any of the journalism staffs. Students may be invited to be a member of the publications staff semester II.

HEALTH AND WELLNESS EDUCATION

The goal of the Health and Physical Education curriculum is to help students acquire and implement the necessary knowledge and skills for life-long health and fitness. Current health and physical education courses offer students a varied selection of courses designed to help them attain these skills.

Health Education
Grade 9 – 10
Semester/Required

Health Education presents sufficient knowledge and skills conducive to wellness. Students learn basic anatomy to understand the structure of the body and enough physiology to understand its functions. The course also presents practical information relating to contemporary problems such as drugs, alcohol and tobacco. These and other public health problems will be taught to students during the semester.

Secondary Physical Education I & II
Grade 9
Two semesters/Required

This course is designed to help students become more aware of the purpose and value of physical fitness for an active and healthy future. Students will gain an appreciation and understanding of a variety of team and individual sports, which will enable them to enjoy the role of participant or spectator. Physical Education class will include units in flag football, soccer, speedball, basketball, volleyball, softball, tennis, bowling, ice-skating, conditioning, weight training and floor hockey. Adapted physical education is offered as needed in the least restricted environment and on individual assessment.

MATHEMATICS

The Math Department has established many courses and various levels of these courses to meet the individual needs and ability levels of all students. Realizing that math skills permeate all facets of life, it is essential that each student develops his or her potential proficiency and feel confident and successful when applying math concepts.

Algebra Enrichment
Grade 9-12
Semester/Elective

Algebra Enrichment provides the mathematical background, skills and thinking processes necessary for the successful completion of Algebra I. Topics include whole numbers, integers, fractions, decimals and their applications, number theory, ratios, proportions, percents, equations, graphing and appropriate geometric concepts. The instructional program of this course provides for the understanding and use of the concepts as well as their application through appropriate problem-solving situations. Algebra Enrichment must be taken concurrently with Algebra I or another math class. This class may be taken multiple semesters and may be required for students who do not pass standards for the Algebra I End of Course Assessment (ECA)

Algebra I
Grade 9 – 10
Two semesters/Required unless ECA proficiency in middle school has been met
Prerequisite: Placement test score or grade school recommendation

Algebra I students will learn to transfer arithmetic skills (fractions, decimals, percents) to various algebraic procedures. Students will be able to perform all operations involving algebraic terms, solve linear and quadratic equations, and learn about factoring and radicals. Problem- solving techniques and the concept of function are incorporated throughout Algebra I. Topics include: properties of real numbers, solution sets, basic operations with polynomials, solving quadratic equations and systems, exponents and introductory ideas from statistics and probability.

Algebra I
Honors
Grade 9
Two semesters/Required unless ECA proficiency in middle school has been met
Prerequisite: Placement test score or grade school recommendation

Honors Algebra I is an accelerated, more in-depth treatment of material taught in Algebra I with a higher degree of difficulty in problem solving requirements. Students will display mastery of the following topics: data analysis, graphing, inequalities, radicals, linear functions, quadratic functions, exponential functions, polynomial functions and rational functions.

Geometry
Grade 9-11
Two semesters/Required
Prerequisite: Algebra I ECA proficiency. Placement test score or grade school recommendation will determine level.

Geometry uses a modern approach to Euclidean plane geometry. Students learn to reason logically as they see the system developed from basic undefined terms, definitions, postulates, and theorems. Geometry emphasizes discovery through both individual and group activities.

Geometry
Honors
Grade 9-10
Two semesters/Required
Prerequisite: Algebra I ECA proficiency. Placement test score or grade school recommendation will determine level.

Honors Geometry is an accelerated course in Euclidean geometry designed exclusively for those students enrolled in the Honors math program. This course covers all the material in Geometry plus coordinate geometry and some solid geometry.

SCIENCE

The Science Department offers a variety of classes to those students who are interested in a science-related field. Students who complete these science classes receive sufficient preparation to successfully take collegiate science courses or pursue science-related careers.

Biology I
Grade 9-10
Two semesters/Required
Prerequisite: Placement test score or grade school recommendation

Biology introduces the student to the distinguishing properties of living organisms. Students will explore more deeply the unique nature of life, classification, cell structure and function, genetics, microbiology, multi-cellular plants, animals, ecology, and evolution. Laboratory experiments will emphasize problem-solving techniques with hands-on experiences such as dissection and proper microscope usage.

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Earth and Space Science
Grade 9-12
Two semesters/Elective
Note: Meets Core 40 and Core 40 with Academic Honors science requirements

Earth and Space Science is a Core 40 physical science course. It provides students with a basic understanding of the four areas of Earth and Space Science: meteorology, geology, astronomy, and oceanography. Students will examine Earth's interconnected systems that may be changing or may be in equilibrium. Topics of study will include plate tectonics, weather maps, rock & mineral systems, earthquakes, stars, and planets.

Integrated Chemistry/Physics
Grade 9-10
Two semesters/Required
Prerequisite: Algebra I, can be taken concurrently

Integrated Chemistry/Physics provides students with an introduction to the physical sciences. This is a lab-based course and fulfills Core 40 requirements. Students will be exposed to practical applications of Chemistry and Physics. With an emphasis on common scientific processes, studies will include: velocity, momentum, acceleration, thermal energy, periodic table, chemical bonds, laws of motion, electricity and different forms of energy. A working knowledge of algebra is required.

SOCIAL STUDIES

The goal of the social studies curriculum is to educate students about the physical, political, economic, social, cultural, and historical world. Social studies teaches students to be life-long learners, leaders and active citizens living Catholic values. Students develop written and verbal communication skills and critical thinking abilities. The social studies curriculum strives to educate all students to have an understanding of the world and its people.

World History and Civilization
Grade 9-10
Two semesters/Required
Note: Students are required to take World History, AP World History, or Geography & History of the World before the end of sophomore year.

World History emphasizes events and developments in the past that greatly affected large numbers of people across broad areas and that significantly influenced peoples and places in subsequent eras. Key events related to people and places as well as transcultural interaction and exchanges are examined in this course. Students are expected to compare and contrast events and developments involving diverse peoples and civilizations in different regions of the world. They will examine examples of continuity and change, universality and particularity, and unity and diversity among various peoples and cultures from the past to the present. Students are also expected to practice skills and process of historical thinking and research and apply content knowledge to the practice of thinking and inquiry skills and processes. There will be continuous and pervasive interactions of processes and content skills and substance, in the teaching and learning of history.

Geography & History of the World
Grade 9 – 10
Two semesters/Required
Note: Students are required to take World History, AP World History, or Geography & History of the World before the end of sophomore year.

Geography and History of the World is designed to enable students to use geographical skills and historical concepts to deepen their understanding of major global themes including the origin and spread of world religions; exploration; conquest, and imperialism; urbanization; and innovations and revolutions. Geographical and historical skills include forming research questions, acquiring information by investigating a variety of primary and secondary sources, organizing information by creating graphic representations, analyzing information to determine and explain patterns and trends, and presenting and documenting findings orally and/or in writing. The historical geography concepts used to explore the global themes include change over time, origin, diffusion, physical systems, cultural landscapes, and spatial distribution and interaction. Using these skills, concepts and the processes associated with them, students are able to analyze, evaluate, and make predictions about major global developments. This course is designed to nurture perceptive, responsible citizenship, encourage and support the development of critical thinking skills and lifelong learning, and to help prepare Indiana students for the 21st Century.

World History AP Grade 9-10
Two semesters/Required
Prerequisite: Honors English 9 or Honors English 10 with a B average is recommended
Cost: $75

World History, Advanced Placement is a course that provides students with the content established by the College Board. The course will have a chronological frame from the periods 8000 B.C.E. to the present. AP World History focuses on five overarching themes (1) interaction between humans and the environment, (2) development and interaction of cultures, (3) state-building, expansion, and conflict, (4) creation, expansion, and interaction of economic systems, and (5) development and transformation of social structures.

UNIFIED ARTS

The curriculum in the Unified Arts Department supports the mission of the school by providing a foundation for students who are particularly interested in practical arts and performing arts. Students enrolled in these classes develop self-esteem through creative expression while simultaneously acquiring life-long skills that will help them in many related careers. Practical Arts courses emphasize drafting and family and consumer science classes. Performing Arts courses allow students to meet Fine Arts graduation requirements while developing their skills in the areas of art, music or drama.

PERFORMING ARTS

Theatre Arts and Production
Grade 9-12
Two semesters/Directed Fine Art Elective

Theatre Arts and Production is a full-year class that provides an opportunity for students to study all elements of theatre. The class is primarily project and performance based. Students will learn basic skills in acting and performance. Students will also have the opportunity to study what takes place on the backstage side of the production. Students are encouraged to take this class if they are interested in participating in the shows that Bishop Chatard presents each year. Major topics covered in the class are: Improvisation, Pantomime, Voice and Diction, Technical Theatre, Theatre History, and more. Students who are enrolled in Theatre Arts and Production are required to participate in both shows to some capacity. If the student chooses not to be on the cast or crew, he/she must attend at least one set day.

Music History & Appreciation
Grade 9-12
Semester/Directed Fine Art Elective

This course is designed to be a musical appreciation course for all students who enjoy music but do not wish to learn about the inner workings of music. This is an extremely integrated course in that the entire history of Western Civilization is viewed through the music produced during that time. Student progress will be assessed through written tests and aural tests over the identification of specific periods of music and /or specific composers or compositions. Students will leave the course having gained a firm understanding of the various styles of musical and historical importance as well as defined recognition skills in the identification of these specific styles.

Concert Band
Grade 9-12
Two semesters/Directed Fine Art Elective

Students enrolled in this course are provided with a balanced comprehensive study of music, which develops skills in the psychomotor, cognitive, and affective domains. Instruction is designed to enable students to connect, examine, imagine, define, try, extend, refine, and integrate music study into other subject areas. Students will acquire the musical skills necessary to participate in instrumental performances. Students develop tone production, technical skills, intonation, music reading skills, listening skills, analyzing music and performances, and studying historical musical literature. School performances, ensemble, concerts, contest and solo activities are also part of this class and help students develop as musicians.

Orchestra
Grade 9-12
Two semesters/Directed Fine Art Elective

Orchestra is meant for both beginning students as well as more advanced students who want the time and instruction to enhance their skills in a variety of string instruments. This course offers students the opportunity to receive small group or private instruction designed to develop and refine performance skills. A variety of music methods and repertoire is utilized to refine students' abilities in performing, creating and responding to music.

Piano and Electronic Keyboard: Beginning
Grade 9-12
Semester/Directed Fine Art Elective

Piano and Electronic Keyboard is based on the Indiana Academic Standards for High School Music Technology and Instrumental Music. Students taking this course are offered keyboard classes in order to develop music proficiency and musicianship. Students perform with proper posture, hand position, fingering, rhythm, and articulation; compose and improvise melodic and harmonic material; create and perform simple accompaniments; listen to, analyze, sight-read, and study a variety of keyboard literature; study the elements of music as exemplified in a variety of styles; and make interpretive decisions. This course is for students with little or no experience in piano.

Piano and Electronic Keyboard: Advanced
Grade 9-12
Semester/Fine Art Elective

Piano and Electronic Keyboard is based on the Indiana Academic Standards for High School Music Technology and Instrumental Music. Students taking this course are offered keyboard classes in order to develop music proficiency and musicianship. Students perform with proper posture, hand position, fingering, rhythm, and articulation; compose and improvise melodic and harmonic material; create and perform simple accompaniments; listen to, analyze, sight-read, and study a variety of keyboard literature; study the elements of music as exemplified in a variety of styles; and make interpretive decisions. This course is for students with prior experience in piano or who have successfully completed Piano and Electronic Keyboard: Beginning.

Applied Music: Guitar
Grade 9-12
Semester/Directed Fine Art Elective

Applied Music is based on the Indiana Academic Standards for High School Choral or Instrumental Music. Applied Music offers high school students the opportunity to receive small group or private instruction designed to develop and refine performance skills. A variety of music methods and repertoire is utilized to refine students' abilities in performing, creating, and responding to music. The focus of this course will be developing instrumental skills in guitar, and students must provide their own guitar.

Applied Music: Advanced Guitar
Grade 9-12
Semester/Directed Fine Art Elective

Applied Music is based on the Indiana Academic Standards for High School Choral or Instrumental Music. Applied Music offers high school students the opportunity to receive small group or private instruction designed to develop and refine performance skills. A variety of music methods and repertoire is utilized to refine students' abilities in performing, creating, and responding to music. The focus of this course is to continue developing instrumental skills in guitar. Students must have prior experience in guitar, and students must provide their own guitar.

Chorus
Grade 9 – 12
Two semesters/Directed Fine Art Elective

This is a group composed of students with some previous choral background. Students will study a wide variety of music, which ranges in level of difficulty. Some music reading skills are required, as the focus is on music reading, interpretation, and vocal technique. The group will participate in a number of performances throughout the year. Required performances include school functions, the Christmas programs, and other concerts throughout the year. Instruction is designed to enable students to connect, examine, imagine, define, try, extend, refine, and integrate music study into other subject areas. This course also provides students opportunities to develop musicianship and specific skills through ensemble and solo singing. Activities create the development of quality repertoire in the diverse styles of choral literature, which is appropriate in difficulty and range for the student.

Choral Chamber Ensemble: Show Choir
Grade 9-12
Two semesters/Directed Fine Art Elective
Note: Audition only

Students enrolled in this performance group will be responsible for performing more difficult vocal music. This group will travel around the city during the academic year performing for civic organizations. Concert performances with the chorus are required. Show Choir will meet daily, and outside practice time will be required. Instruction is designed to enable students to connect, examine, imagine, define, try, extend, refine, and integrate music study into other subject areas. Students develop the ability to understand and convey the composer's intent in order to connect the performer with the audience.

VISUAL ARTS

Introduction to Two-Dimensional Art
Grade 9-12
Semester/Directed Fine Art Elective

This course is an introduction to art through a working understanding of the Elements and Principles of Design and provides students with the fundamentals of art appreciation, art evaluation, and art production skills. Studio work includes drawing, painting, perspective, pencil rendering, color and design principles. Although no previous art instruction is necessary, students must be highly motivated. Students are graded primarily on the quality of work they hand in as well as personal improvement. This class is one of the introductory courses required before selecting advanced art classes.

Ceramics
Grade 9 – 12
Semester/Directed Fine Art Elective

The ceramics course is designed for students who are interested in learning how to create ceramic artwork through an understanding of the Elements and Principles of Design. Students will create works of art in clay utilizing the process of hand building, molds, wheel throwing, slip and glaze techniques, and the firing processes. Students will engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production. Completed work will be displayed. Students search for meaning, significance, and direction in their work through an in-depth analysis of historical and contemporary ceramics from a variety of cultural groups. Students will critically examine the relationships between context, form, function and meaning in their own work and in historical and contemporary ceramic works. This class is one of the introductory classes required before selecting advanced art classes.

PRACTICAL ARTS

These classes do NOT fulfill Core 40 directed elective or Core 40 with Academic Honors fine art requirements.

Drafting I: CAD
Grade 9 – 12
Two semesters/Elective

Drafting I introduces the student to the basic principles of mechanical drawing. The scope of work students perform ranges from basic lettering and sketching to the drawing of complex assembly of machines. The mastery of this course may provide a solid background for students entering trades that require the reading and interpretation of blue prints.

Culinary Arts Foundations I
Grade 9 – 12
Semester/Elective

This is an introductory course in the study of foods and nutrition. Students will learn how to meet daily nutritional requirements, study various foods, and learn basic food preparation methods. Cooking lab experiences are included in the course curriculum.

Culinary Arts Foundations II
Grade 9-12
Semester/Elective
Prerequisite: Culinary Arts Foundations I

This semester course is a continuation of Culinary Arts Foundations I. Further study of various foods, cultural influences, nutritional values, and preparation techniques will be stressed. Cooking lab experiences will again emphasize the planning, preparation, and presentation of nutritious foods.

Fashion and Textile Foundations I
Grade 9-12
Semester/Elective

This course introduces the student to basic sewing skills. Basic sewing construction, fashion design, color, and textiles are introduced. Skill in the use of the sewing machine, basic sewing tools, and hand sewing will be acquired. Sewing projects including crafts and garments will be completed during the semester. Students must provide supplies, fabric, patterns, and notions.

Fashion and Textile Foundations II
Grade 9-12
Semester/Elective

This course is a continuation of Textiles and Clothing I. Basic sewing skills will be further developed. Projects will be completed utilizing more specialized construction techniques, tools, and resources. Students must provide supplies, fabric, patterns, and notions.

WORLD LANGUAGES

The World Language Department fosters the development of communication skills in Latin, French and Spanish. Most students who study a foreign language for four years are able to receive additional college credits, and they are better prepared for their chosen careers as a result. The World Languages Department nurtures the awareness and appreciation of different ethnic groups.

Latin I
Grade 9 – 12
Two semesters/Directed Elective
Prerequisite: Placement test score or prior world language experience

The curriculum of teaching the classical language Latin includes the following: primary emphasis on fundamental grammatical concepts and constructions, study of Latin etymology, limited study of Roman history including famous statesmen and writers, and limited study of mythology. The culture of the Roman Empire is a large emphasis of the course. The students follow a Roman family through its daily living routine.

French I
Grade 9 – 12
Two semesters/Directed Elective
Prerequisite: Placement test score or prior world language experience

French I provides an introduction to the French language and to the culture of the French-speaking world. Students will develop an elementary degree of proficiency in speaking, reading, writing, and listening. Mastery of basic grammar skills will be demonstrated through both oral and written performance. Students will enhance cultural knowledge through group projects, written and orally presented, on francophone countries and Paris. Daily paired oral activities facilitate the use of the target language.

Spanish I
Grade 9 -12
Two semesters/Directed Elective
Prerequisite: Placement test score or prior world language experience

Spanish I provides an introduction to the Spanish language and to the culture of the Spanish-speaking world. Students will develop an elementary degree of proficiency in speaking, reading, writing, and listening in the target language. Mastery of basic grammar skills will be demonstrated through oral and written performance, role -playing, group work, and projects. Students will also study the geography, history and culture of various Spanish-speaking countries.