



## SOPHOMORE COURSE DESCRIPTIONS 2022-2023

### **REQUIRED COURSES**

#### **RELIGIOUS STUDIES II - 624**

This course focuses on the New Testament. It utilizes a text written by Dr. Scott Hahn and presents a Catholic approach to Scripture, highlighting the theme of covenant. Tracing a path through salvation history, the course explains the various books of the Bible and the importance of each event in salvation history. It provides an understanding of Sacred Scripture so critical to the Catholic Faith.

#### **SKILLS ENGLISH II - 021**

This course is designed to teach the English Language Arts standards of Reading, Writing, Speaking and Listening, and Language in a small group environment that seeks to support the students' capabilities. Teachers use the myPerspectives series by Pearson. Each Unit focuses on an Essential Question: What is the allure of fear? Do people need to belong? What is the relationship between power and freedom? Within the units students are taught to apply skills to various texts and use textual evidence in their numerous Performance Tasks which culminate in a Performance-Based Assessment at the end of each Unit. Pacing, reading selections, and depth of content are adjusted by the teacher based on the students' abilities. *There is a fee for this course.*

**Prerequisite: Must be enrolled in VCH Resource Program**

#### **ENGLISH II - 024**

This course is designed to teach the English Language Arts standards of Reading, Writing, Speaking and Listening, and Language in an environment that supports the students' development and encourages them to read texts of different types such as short stories, news articles, informative essays, narrative nonfiction, and dramas. Teachers use the myPerspectives series by Pearson along with selected Trade Books that correspond to each Unit of Study. Each Unit focuses on an Essential Question: What is the allure of fear? Do people need to belong? What is the relationship between power and freedom? Within the units, students are taught to apply skills to various texts and use textual evidence in their numerous Performance Tasks which culminates in a Performance-Based Assessment at the end of each Unit.

#### **ENGLISH II LEVEL I - 027**

This course is designed to teach the English Language Arts standards of Reading, Writing, Speaking and Listening, and Language in an appropriately enriched and challenging environment. Students are encouraged to read texts of different types such as short stories, news articles, informative essays, narrative nonfiction, and dramas. Teachers use the myPerspectives series by Pearson along with selected Trade Books that correspond to each Unit of Study. Each Unit focuses on an Essential Question: What is the allure of fear? Do people need to belong? What is the relationship between power and freedom? Within the units students are taught to apply skills to various texts and use textual evidence in their numerous Performance Tasks which culminates in a Performance-Based Assessment at the end of each Unit.

#### **PRACTICAL GEOMETRY – 128**

Practical geometry is a course designed for the student who may require accommodations in the mastery of topics and skills covered in Geometry. The course covers the same amount of material as the regular Geometry class but at a pace that allows for better management of a student's study time. Methods of presentation and assessment are geared to students with learning differences. **Student must be enrolled in Practical Algebra I to schedule this course.**

#### **GEOMETRY - 124**

This is a basic geometry course which stresses the use of inductive reasoning through constructions and measurements. (Algebra is applied to enhance the concepts.) Topics covered are geometric terms, areas, ratios, and proportions.

#### **ALGEBRA II LEVEL I - 127**

This accelerated course presents the study of equations and inequalities, graphs and functions, polynomials and factoring, rational expressions, irrational and complex numbers, quadratic equations and functions, systems of two and three equations, analytic geometry, exponential and logarithmic functions. Emphasis is placed on solving word problems as applications of the above.

**Prerequisite: Grade of "C" or higher for Geometry Level 1 course**

**ALGEBRA II - 134**

Algebra II is the study of sets, the field of real numbers, linear equations and inequalities in one variable, functions and graphs, quadratic equations and factoring, exponents, radicals, complex number system, and systems of linear equations and inequalities, as well as applications of these. It is recommended that students have completed geometry prior to taking this course.

**BIOLOGY I - 324**

Biology I consists of the study of organisms and life processes through classroom lectures, demonstrations, and laboratory experience. An emphasis is placed on the appreciation of natural habitats, life forms that thrive within the habitats, and their relationship to the environment. The course also stresses understanding structure and function of organisms.

**BIOLOGY II LVI - 337**

Biology II is an honors level, college preparatory course in human anatomy and physiology. It involves an in-depth study of the structural and functional relationship of the human organism at the cellular, tissue, organ, and system levels. Demonstrations, individual research, models, audiovisuals, and a detailed dissection of specimens with correlation to human anatomy to reinforce classroom lectures are employed. This is an accelerated course with an emphasis on outside readings/research, additional laboratory work, and additional "cold-read" assessments.

**CHEMISTRY I LVI - 327**

This is a rigorous first-year classroom and laboratory course with an in-depth study of both the concepts and mathematics related to matter and energy, atomic structure, the periodic table, periodic properties, bonding formula writing, chemical reactions, the mole, stoichiometry, gases and solutions.

**Prerequisite: Enrollment in Algebra II LVI**

**CHEMISTRY I - 334**

This is an introductory course into the concepts and mathematics related to matter and energy, atomic structure, the periodic table, periodic properties, bonding formula writing, chemical reactions, the mole, stoichiometry, gases and solutions. Co-enrollment in or completion of Algebra II is recommended.

**FOREIGN LANGUAGE COURSES****FRENCH I - 514**

This is a basic survey course in French stressing three major areas: listening and comprehension, reading and writing, and enrichment through the study of geography and culture.

**FRENCH II – 524**

This is an advanced study of new French vocabulary, pronunciation, and grammar with emphasis on verbs and tenses. The course also includes a concentrated study of French culture and oral dialogues via textbooks, workbooks, films, and videos.

**Prerequisite: French I**

**SPANISH I - 515**

This is an introductory course stressing reading, writing, speaking, and listening. Major emphasis is placed on vocabulary, grammar, and pronunciation. An introduction to the cultures of Mexico, Central America, and South America is included.

**SPANISH II – 525**

This course entails practice and mastery of four basic language skills learned in Spanish I. Included are additional vocabulary, the study of more advanced grammatical structures, and an introduction to Spanish culture.

**Prerequisite: Spanish I**

**LATIN I - 516**

This is an introduction to classical studies through the mother tongue of the Romance language. The course emphasizes vocabulary and essential grammar in connection with drills in pronunciation so that students may begin reading and speaking basic Latin

**LATIN II – 526**

This is a continuation of grammar and vocabulary with the goal of reading Latin authors through the mastery of the fundamentals of prose, concentrating on Caesar's Commentaries, and an introduction to poetry, with selections of Ovid.

**Prerequisite: Latin I**

**AMERICAN SIGN LANGUAGE I – 570**

This is an overview of American Sign Language (ASL), its basic vocabulary, structure, syntax and grammar. Students will focus on mastering the basics of fingerspelling, numbers, colors, facial grammar and sentence structure; students will also learn conversational/cultural behaviors necessary to hold a beginning-level conversation in ASL, with deaf/hard-of-hearing native users of the language. Introductory information about deaf culture will also be presented to provide students with a broad picture of language and culture.

**Limited to resource students only. A \$75 course fee is required.**

## **ELECTIVE COURSES**

### **INTERACTIVE MEDIA ARTS- 809**

This course will introduce students to the theory and fundamentals of using Apple's Logic Pro X software and the hardware tools for recording and producing music during the first semester. The class will stress application and creative content, using a series of creative activities and projects which will provide students exposure to performing with electronic instruments, multi-track recording (both MIDI sequencing and live instruments), music arranging, generating performance materials for others, and equipment configuration. In the second semester we will move into the utilization of Final Cut Pro video editing software. Students will learn the key features for Video and Audio Editing and learn elements for creating professional videos with the use of transitions and effects, titles and motion graphics, color correction, 360 Video and Media Management. The implementation of Adobe Photoshop and the use of digital cameras and drones will be infused throughout the curriculum. **(full year, one unit of art credit) Grades: 9 – 12**

### **TV/FILM PRODUCTION- 088**

This course will examine the history of radio and television, the basic workings of television and the camera, the language of motion pictures, as well as the production and post-production process. The class will write and produce video news programs and public relations videos. Each student will have hands-on experience with each phase of production. **An application is required. (full year, one unit of credit) Grades: 9 – 12**

### **ADVANCED TV/FILM PRODUCTION- 089**

This is a project-based course designed to prepare students for more advanced television production utilizing studio and field production techniques. Students working individually as well as in teams will gain experience in all phases of studio and field production including multi-camera production, video editing, graphics, lighting, and audio. The course is designed around real work situations. Students will develop the ability to produce professional projects for real world situations. The course is intended to allow students to think creatively while meeting client expectations. Students must complete 25 hours of teacher approved work in addition to the instruction time.

**An application is required. (full year, one unit of credit) Grades: 10 – 12**

### **GRAPHIC DESIGN I- 843**

This is an introductory course to graphic design elements, including the history of graphics in modern advertising and typography. There will also be a brief introduction to animation, layout design and digital photography. Assessments will be product based with a focus on Adobe Illustrator and Photoshop. Students will have the opportunity to be Adobe Certified upon the completion of this course. **A \$75.00 lab fee is required. (full year, one unit of credit) Grades: 9 – 12**

### **GRAPHIC DESIGN II- 839**

**Prerequisite- Graphic Design I.** Students will use skills acquired in Graphic Design I including their knowledge of Adobe to create design layouts and conceptual elements concerning graphic design projects through the production of posters, advertisements, logos, portfolios and brochures. This course will be project based using the Adobe Suite.

**A \$75.00 lab fee is required. (full year, one unit of credit) Grades: 10 – 12**

### **PUBLICATIONS I- 076**

This is a publications class which teaches journalistic writing, layout design, and other techniques necessary for the publication of the yearbook.

**Enrollment is by selection and permission of the yearbook moderator. An application is required. (full year, one unit of credit) Grades: 10 – 12**

### **COMPUTER APPLICATIONS/CODING- 164**

This course stresses basic keyboarding skills, Word, Excel, PowerPoint and Google App, Google Sites and Google Certification. It provides instruction in using a personal computer and networking skills as a tool to simplify life as a student or an employee. It will focus on HTML (Hyper Text Markup Language) and CSS. Students will be able to use HTML and CSS to write code in order to make responsive web pages that are compatible on multiple devices. Students will also be able to make drawings and animation using code.

**(full year, one unit of credit) Grades: 9 – 12**

### **ADVANCED COMPUTER APPLICATIONS/ VIDEO GAME CREATION & C# CODING - 163**

This course is a practical and conceptual utilization of game design and development. The juxtaposition between theory and practice is a cornerstone of the course and you will have ample opportunities to try out concepts and theories. Individually or in small groups, you will design, develop and test a beta version of 2D and 3D games. After successful completion of the course, you will- Understand and Master basic game development produce, test and present a beta version of a game of your own design, use the Unity Editor to create interesting game levels, create game scripts using C# and the Unity API, understand the fundamentals of using 2D and 3D graphics, become acquainted with advanced topics such as shaders, physics, AI, and Network based games, understand the process of game development from idea to beta version.

**Prerequisite: Computer Applications/Coding or Permission from instructor**

**(full year, one unit of credit) Grades: 10 – 12**

### **WORLD GEOGRAPHY - 224**

This course is designed to present a broad overview of information and processes through which people attempt to understand the spatial arrangements and interaction of land, water, climate, people, and culture over the earth. World Geography relates physical geography to cultural, social, political, and economic activities.

### **PSYCHOLOGY I - 294**

This course introduces basic psychological theories and terms and will cover topics including: an introduction to major figures in psychological history, areas of study in psychology, consciousness, sleep, dreams, hypnosis, the physical effects of drugs on the body, mental illnesses, the influence of groups on our behavior, aggression, ESP and why people believe in the supernatural, thought processes, and memory systems. **(One-half unit of credit, one semester) Grades: 9 – 12**

### **PSYCHOLOGY II - 295**

This is a theory course studying the science of psychology. Topics covered will include Freud's Theory of Personality, personality theories since Freud, the brain and behavior, child development, adolescent development, psychotherapy, psychological testing, and case histories. **(One-half unit of credit, one semester) Grades: 9 – 12**

### **SOCIOLOGY -- 232**

Introduction to Sociology is a one semester course intended to give you a broad picture of the field of sociology with an emphasis on preparation for college and critical thinking. The course will offer you a set of intellectual tools with which to more accurately understand the society in which you live. Group activity, work, and cooperation are emphasized.

**(One-half unit of credit, one semester) Grades: 9 – 12**

### **MAKING MUSIC - 802**

This class offers the band experience at the introductory level. This class is for students who have no experience and want to learn an instrument with no required musical performances. The instruments taught are flute, clarinet, saxophone, trumpet, trombone, tuba and percussion. No experience is necessary – only the will and desire to play an instrument. Musical topics are introduced such as reading, music notation, analyzing and evaluating music. The students will be given the opportunity to participate in the marching band and concert band, but not required. There is no fee required, and students will try all of the instruments at the beginning of the course before settling on their selection.

**(full year, one unit of art credit) Grades: 8– 12**

### **BAND/BRASS – 799**

Instruction focuses on basic music theory, ear training, technique development on trumpet, French horn, trombone, baritone/euphonium, or tuba. Students will perform in the marching band and symphonic band. Required performances include football games, marching contests and festivals, Mardi Gras parades, Christmas and Spring Concerts, and concert festivals. Students are required to attend two weeks of summer band camp, after school and summer rehearsals. ***There is a \$350 required band fee.***

### **BAND/WOODWINDS - 710**

Instruction focuses on basic music theory, ear training, technique development on flute/piccolo, soprano and bass clarinet, alto/tenor/and baritone saxophones, and oboe/bassoon. Students will perform in the marching band and symphonic band. Required performances include football games, marching contests and festivals, Mardi Gras parades, Christmas and Spring Concerts, and concert festivals. Students are required to attend two weeks of summer band camp, after school and summer rehearsals. ***There is a \$350 required band fee.***

#### **BAND/BATTERY PERCUSSION - 753**

Instruction focuses on basic music theory, ear training, technique development on snare/tenor/and bass drums, timpani, and hand percussion. Students will perform in the marching band and symphonic band. Required performances include football games, marching contests and festivals, Mardi Gras parades, Christmas and Spring Concerts, and concert festivals. Students are required to attend two weeks of summer band camp, after school and summer rehearsals. Battery Percussion students will have the opportunity to audition for the Indoor Percussion Ensemble, one of the Elite Competitive Ensembles. ***There is a \$350 required band fee.***

#### **BAND/KEYBOARD PERCUSSION - 774**

Instruction focuses on basic music theory, ear training, technique development on marimba, vibraphone, xylophone, concert bells, chimes, and hand percussion. Students will perform in the marching band and symphonic band. Required performances include football games, marching contests and festivals, Mardi Gras parades, Christmas and Spring Concerts, and concert festivals. Students are required to attend two weeks of summer band camp, after school and summer rehearsals. Keyboard Percussion students will have the opportunity to audition for the Indoor Percussion Ensemble, one of the Elite Competitive Ensembles. ***There is a \$350 required band fee.***

#### **DANCE - 765**

Students in this class form the dance team (Vantastics) which is part of the band department. Required performances include but are not limited to football games, parades, dance competitions, and marching festivals. Students are selected to the Vantastics by audition. ***There is a \$350 required band fee. (one- half unit of Pass/Fail credit, one semester)***

#### **MIXED CHOIR – 761**

Mixed Choir is a performance group. This class is considered a co-curricular activity involving out of school rehearsals and performances. Students will be required to purchase/rent uniforms and participate in fund-raising activities. Students will review basic singing and choral techniques and move to more advanced sight-reading material and choral repertoire. Nominal activity fees may be required throughout the year.

**Prerequisite: Audition or permission of the instructor (Grades: 8– 12)**

#### **THEATRE- 070 full year / 078 Creative Communication (Fall)/ 071 Acting (Spring)**

This course will be an exploration of principles of interpersonal communication and ways of understanding how or why we communicate the way we do. Students will prepare and deliver a variety of speeches- informative, convincing, thought-provoking and entertaining. Students will be challenged to think and listen critically and analytically. Learning to act/perform will allow students to develop an awareness of their response to emotion in order to truthfully recreate these responses appropriately. Emphasis will be on personalization, analysis and dynamics of performance-self, voice, emotion and imagination. These skills and techniques will be used to bring characterization to life.

**Course is contingent upon enrollment and instructor availability. Grades: 9– 12**

#### **ART I - 811**

Art I is a basic introduction to art requiring no prerequisites. The course covers introduction to drawing, painting, graphics, and sculpture through the use of various media--pencil, scratchboard, charcoal, ink, tempera, linoleum block, and papier- mâché. Presents basic design and color theories, as well as slides and lectures concentrating on early cultures of art history. ***A \$90.00 lab fee is required.***

#### **ART II - 821**

Art II reinforces Art I skills and introduces new media. The course includes painting, drawing, graphics, and various sculpture techniques. Slides and lectures are presented on classical cultures and important periods in art history as well as individual artists. ***A \$90.00 lab fee is required.*** Students must also provide their own paper and film for photography.

**Prerequisite: Art I**

#### **FINE ARTS SURVEY - 807**

This course will give an overview of Music, Dance, Art, and Theater. The music and dance portion of this course will begin with music from the 1920's to current trends focusing on major influencers throughout modern history. The dance portion will parallel the music of the time periods, beginning with Charleston and Foxtrot spanning to current Hip Hop trends. The art and Theater portion of this course will focus on famous artworks and artists throughout history as well as historical Theater spanning through current Musical Theater. **Grades: 9– 12**

### **PHOTOGRAPHY - 813**

This is an introduction into photography including camera usage, knowledge of composition, developing black and white film into negatives and photos, and the use of digital media. *This class requires a \$50.00 fee for supplies and materials.* **(One-half unit of credit, one semester) Grades: 10– 12**

### **PERSONAL AND FAMILY FINANCE – 849 / 851**

This course informs students how individual choices directly influence occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets utilizing checking and saving accounts, gain knowledge in finance, debt and credit management, and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions leading to financial independence.

**(849: full year, one unit of credit) (851: One-half unit of credit, one semester) Grades: 9 – 12**

### **BUSINESS LAW- 858**

Business Law is a semester course designed to provide students with a solid foundation in understanding the legal issues related to topics of business law. Areas of study will include how laws were formed, procedures in civil and criminal cases, making contracts, terminating contracts, responsibilities of minors, being a consumer, purchasing power, purchasing insurance, personal and real property rights, starting a business and leadership skills.

**(One-half unit of credit, one semester) Grades: 10 – 12**

### **ACCOUNTING- 827**

This course includes basic skills used in systematically computing, classifying, recording, verifying, and maintaining numerical data involved in financial records including the paying and receiving of money. The course will also include keeping financial records, summarizing for interpretation, and analyzing records to provide assistance to management for decision-making. Basic fundamentals and terminology of accounting will be taught in order to provide initial understanding of the preparation of budgets and financial reports. Practical accounting problems with business papers will emphasize actual business records management.

**(One-half unit of credit, one semester) Grades: 10 – 12**

### **STUDY SKILLS I- 902 / STUDY SKILLS II- 905**

The course will start off the year with various study skills techniques (flashcards, graphic organizers, and useful apps) and a binder system to help organize students' notes and work. A reading intervention program called Achieve 3000 will also be utilized. Achieve 3000 provides differentiated instruction for nonfiction reading and writing that is tailored to each student's Lexile reading level.

**Prerequisite: Must be enrolled in VCHS Resource Program. A fee is required.**

### **ACT PREP – 860**

This course assists in preparing for the ACT by reviewing basic skills, re-enforcing English and Math concepts, and familiarizing students with question types that commonly appear on the ACT test. Students will also be introduced to effective test taking strategies and have opportunities to practice questions and tests. Preparation will also build confidence, decrease anxiety, and assist students in maximizing their potential. Students must have previously earned credit in or are presently enrolled in Math Essentials, Algebra II or Algebra II LVI.

**Prerequisite: Credit in or enrollment in Algebra II, Algebra II LVI  
(one- half unit of Pass/Fail credit, one semester)**

### **PHYSICAL EDUCATION II - (Girls – 401 full yr./402 half yr.) (Boys – 408 full yr./409 half yr.)**

This course is designed to promote physical fitness and encourage active participation. Emphasis on team and individual sports including soccer, wiffleball, golf, and other sports learned in earlier courses, as well as on lifetime sports such as horseshoes, golf, and bowling. Health topics include first aid, communicable diseases, mental health, CPR, drug abuse, nutrition, and conditioning. Students will complete both skill and written tests. **Full year or one semester credit.**

### **ATHLETIC PHYSICAL EDUCATION II**

**449 (Football)/ 451 (Baseball)/ 453 (Basketball Boys)/ 455 (Basketball-Girls)/ 459 (Softball)/ 461 (Volleyball)/ 469 (Football- H)/ 476 (Baseball-H)/ 477 (Basketball-Girls-H)/ 478 (Basketball-Boys- H)/ 479 (Softball-H)/ 480 (Volleyball-H)/ 489 (Girls Soccer 10-12)/ 490 (Girls Soccer 10-12 H)/496 (Soccer Boys 10-12)/ 497 (Soccer Boys 10-12 H)**

Strength and Conditioning class will provide an opportunity for development of strength and conditioning for various sports and fitness related activities. *Students wishing to enroll in this class will need a recommendation from their coach.* Free weights, exercise machines and conditioning activities will be incorporated to promote improvement in strength, endurance, balance, agility, and speed. Students will lift according to the strength program, and will participate in conditioning activities. Proper technique, safety precautions and proper application of the Principles of Training will be emphasized. A plan to achieve goals will be developed and implemented during this year long course.