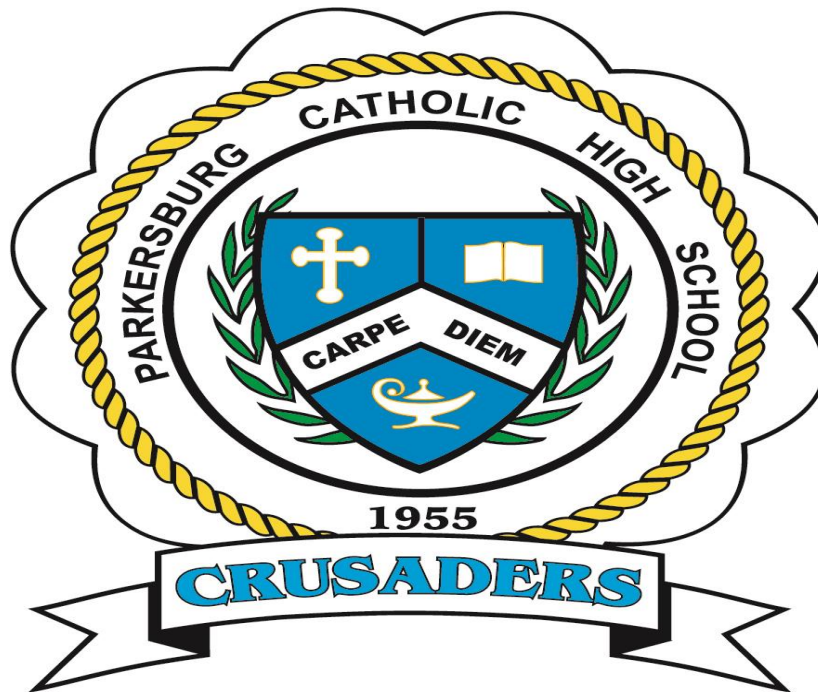


PARKERSBURG CATHOLIC HIGH SCHOOL

PCHS COURSE MANUAL

Course Descriptions

Parkersburg Catholic High School Guidance Office
2017-2018



The following document contains course requirements and their descriptions.

TABLE OF CONTENTS

GRADUATION REQUIREMENTS

HIGH SCHOOL COURSES FOR CREDIT

COLLEGE CLASSES (DUAL CREDIT) OFFERED THROUGH WEST VIRGINIA UNIVERSITY AT PARKERSBURG

- ENGLISG 101
- ENGLISH 102
- WORLD RELIGIONS
- PSYCHOLOGY 101

FINE ARTS

- ART 1, 2, 3, 4
- BAND
- CHOIR
- HAND BELLS
- MODERN BAND
- DRAMA

FOREIGN LANGUAGE

- SPANISH 1, 2, 3, 4
- LATIN 1, 2, &3 ONLINE)
- MANDARIN 1& 2 (ONLINE)
- JAPANESE 1& 2 (ONLINE)
- FRENCH 1,2,3 &4 (ONLINE)
- GERMAN 1, 2, 3 & 4 (ONLINE)
- AMERICAN SIGN LANGUAGE 1&2 (ONLINE)

HEALTH

- HEALTH 9
- HEALTH 10

LANGUAGE ARTS

- ENGLISH 9
- ENGLISH 9 HONORS

- ENGLISH 10
- ENGLISH 10 HONORS
- ENGLISH 11
- ENGLISH 11 AP BRITISH LITERATURE
- ENGLISH 12 ENGLISH LITERATURE

LANGUAGE ARTS CONTINUED

- AP ENGLISH LANGUAGE
- CREATIVE WRITING
- YEARBOOK

MATHEMATICS

- ALGEBRA 1
- GEOMETRY
- ALGEBRA 2
- ALGEBRA 3
- TRIGONOMETRY
- PRE-CALCULUS
- STATISTICS
- AP CALCULUS AB
- AP CALCULUS BC (ONLINE)

PHYSICAL EDUCATION

- PHYSICAL EDUCATION 9 -12
- WEIGHT LIFTING AND NUTRITION

RELIGION

- RELIGION 9
- RELIGION 10
- RELIGION 11
- RELIGION 12

SCIENCE

- EARTH AND SPACE SCIENCE
- BIOLOGY
- CHEMISTRY 1
- AP CHEMISTRY
- EARTH SCIENCE
- HUMAN ANATOMY/PHYSIOLOGY
- PHYSICS 1

SOCIAL STUDIES

- AMERICAN HISTORY TO 1900
- WORLD CULTURES WORLD CULTURES
- AP AMERICAN HISTORY 20/21 CENTURY STUDIES
- AMERICAN HISTORY 20/21 CENTURY STUDIES
- ECONOMICS/CIVICS

TECHNOLOGY EDUCATION

- MULTI-MEDIA WEBSITE CONSTRUCTION 1, 2
- TECHNOLOGY INTERNSHIP

ELECTIVES

- CONSUMER ECONOMICS
- DRIVERS EDUCATION
- STUDENT COUNCIL
- SERVICE LEARNING
- LEADERSHIP

MIDDLE SCHOOL COURSES

GRADE 7

- RELIGION 7
- ENGLISH 7
- MATH 7 PRE-ALGEBRA WITH GEOMETRY
- ALGEBRA 1 (WITH PROGNOSIS TEST)
- SCIENCE 7
- SOCIAL STUDIES 7 (GEOGRAPHY)
- ART 7 MUSIC 7
- PHYSICAL EDUCATION 7
- KEYBOARDING AND STUDY SKILLS

GRADE 8

- RELIGION 8
- ENGLISH 8
- MATH 8 PRE GEOMETRY WITH ALGEBRA
- ALGEBRA 1 (WITH PROGNOSIS TEST)
- GEOMETRY (PRE-REQUISITE OF ALGEBRA 1)
- SCIENCE 8
- SOCIAL STUDIES 8 (WV HISTORY)
- ART 8

GRADE 8 CONTINUED

- HEALTH 8
- MUSIC 8
- PHYSICAL EDUCATION 8

NOTE: WRITING ACROSS THE CURRICULUM: EVERY COURSE, EVERY SEMESTER REQUIRES EVERY STUDENT TO WRITE AN ASSIGNED TOPIC ESSAY TO BE SCORED FOR THE WRITING ACROSS THE CURRICULUM PROJECT.

****Parkersburg Catholic High School curriculum includes all required West Virginia State Standards. In addition to the WV State Standards Parkersburg Catholic High School teachers include Plus One Standards in their daily curriculum. ****

GRADUATION REQUIREMENTS (Professional Pathway)

RELIGION 4 Credits (students transferring in after start of Freshman year would only be required to have the number of credits for the years enrolled at PCHS)

ENGLISH 4 Credits

MATH 4 Credits SCIENCE 4 Credits

SOCIAL STUDIES 4 Credits

PHYSICAL EDUCATION 1 Credit HEALTH 1 Credit THE ARTS 1 Credit

FOREIGN LANGUAGE 2 Credits

ELECTIVES 3 Credits

TOTAL 28 Credits

COLLEGE CLASSES (EARLY ADMISSIONS)

West Virginia University of Parkersburg offers eight different courses on the PCHS campus three days per week. Each college class provides the student with three (3) semester hours of college credit and one full credit for high school. The cost for each of these classes is tuition plus books and materials paid directly to West Virginia University at Parkersburg (WVU-P). Prerequisite for all college classes is a 3.0 overall grade point average (GPA) and junior or senior rank.

ENGL 101. COMPOSITION 1. 3 Hrs. Students write a minimum of twenty formally-evaluated pages in order to expand skills necessary to express ideas and feelings effectively in expository essays centered on rhetorical patterns and strengthening critical thinking skills. 4, 0005,000 words evaluated writing. ((Pre-requisite: Appropriate placement exam score).

ENGL 102. COMPOSITION 2. 3 Hrs. Enhancing skills for writing research-based informative and/or argumentation papers using analysis, synthesis, drawing conclusions from credible sources. Refining research skills, documenting, citing. Employing traditional rhetorical patterns to create an argument. 4,000-5,000 words evaluated writing. (Prerequisite: Grade of C or better in ENGL 101 or ENGL 107)

RELI 231. RELIGIONS OF THE WORLD. 3 Hrs. A study of the major living religions of the world; their basic beliefs and practices; their historical, ethical, social and spiritual impact upon society; and their fundamental strengths and weaknesses. The course provides an introduction to theological analysis.

PSYC 101. INTRODUCTION TO PSYCHOLOGY. 3 Hrs. A general introduction survey course, introducing the core areas of psychology. As a behavioral science, the focus will include an eclectic study of heredity, environment and learning. Other topics surveyed will include memory, perception, motivation, emotion, human development, personality, abnormal psychology, and psychotherapies. A general overview of specific theories in psychology will be included.

Along with the above courses on PCHS campus students are permitted in Early Admissions courses on WVU-Parkersburg Campus

ART 1, 2, 3, 4

Students are challenged to study the works of the great masters through creating their own works of art in a variety of medium. There are in depth studies of the works of various cultures in history ranging from the most ancient or record through contemporary time. Information is made available about various art schools and careers, and students are encouraged to do art activities to share with classmates, their families, and their communities. Each Course is Two Semesters Elective to equal 1 Credit Each Prerequisite: Art 1 for Art 2 Art 2 for Art 3 Art 3 for Art 4

Band

Instrumental band is yearlong elective that incorporates various aspects of musical performance. Students are given the opportunity to perform in a variety of musical ensembles which include the following: the marching band (home football games), the concert band (winter season), and the basketball pep band (volunteer band). Students perform a varied repertoire of music throughout the year at football and basketball games, public and private school events, and adjudicated music festivals. Students are evaluated on their individual participation in daily rehearsals/concerts and their concert attendance (mandatory). **It is important to note that middle school students (7th-8th grade) who participate in band are not required to enroll in general music.**

Hand bell Choirs

This course has limited seating to 12 students/choir. Students, who are members of the hand bell choir, have the opportunity to play a large repertoire of music throughout the year, which includes a variety of music styles from different musical eras. Students are not required to have previous music experience to enroll in this course. Students are taught how to read and perform music, using various hand bell-ringing techniques. They also learn how to play their parts individually and within the musical ensemble.

Students are required to attend all music concerts, as this is how they are evaluated and given a grade for the course. Students will have many opportunities to perform, which include the following: the Christmas and Spring Concerts, Mass services, school ceremonies, concerts for civic groups and organizations, and public performances throughout the Mid-Ohio Valley. Choir – The vocal choir is an ensemble that performs at a variety of school events and concerts throughout the year. Students learn

Hand bell Choirs (cont.)

how to sing alone and with others focusing on the various aspects of ensemble singing, which includes: singing on pitch, rhythm, intonation, blend and balance within the ensemble, and musical phrasing. The students perform a varied repertoire of music styles from different musical eras and may include: Broadway, Gospel/sacred, classical, seasonal music, pop, and music in foreign languages. Students are required to attend all music concerts, as this is how they are evaluated and given a grade for the course.

Modern Band

This class is designed for students who usually do not participate in traditional music ensembles such as marching band, choir, or hand bell choir, but for students who would like to pursue their musical interests in a different outlet. The students in this class will be introduced to modern band instrumentation such as the acoustic guitar, electric guitar, electric bass guitar, piano, vocals, composing and perhaps one day be introduced to music technology and research that is used in modern day recording studios. This is a performance-based class in which students will be graded on daily participation and performances in the Christmas and Spring Concerts. It is also an opportunity for student to lead the band in rehearsals and performances once they have learned the necessary skills on the various instruments. Students will learn a variety of musical styles and may be called upon to perform with the pep band at a basketball game, at the end of a Mass service, or other opportunities that would showcase the band(s) talents. **Interested students will need to be interviewed by Mr. Treadway prior to being accepted into this class.**

General Music 7

This entry level course in music introduces the student to practical application of reading music to performing on instruments. It is an intensive program that incorporates both solo and group playing on the acoustic guitar and violin. Student progress is assessed by weekly playing tests that keep the students accountable to participating and practicing during daily lessons. The student will also have the opportunity to sing in class a varied repertoire of music. The culmination of the student's work is presented in a semester concert. **Attendance at the semester concert is mandatory.** Failure to attend will result in a 1/5 grade reduction. In extreme circumstances, the student may be excused, but will be required to complete a music project determined by the teacher.

General Music 8

This course is a continuation of General Music 7 and incorporates a higher level of difficulty of both music and musical evaluation. The 2nd year music student progresses from the level of novice to an independent performer. **Concert attendance at the semester concert is mandatory.** Failure to attend will result in a 1/5 grade reduction. In extreme circumstances, the student may be excused, but will be required to complete a music project determined by the teacher.

FOREIGN LANGUAGE /WORLD LANGUAGES

SPANISH I

Spanish 1 is designed for beginners who have no previous knowledge of Spanish. The goal is to enable students to acquire a basic mastery of the four language skills: listening, reading, speaking, and writing. Emphasis is the application of growing knowledge of Spanish as it relates to real life situations and not just learning about the language. Most written practice of grammar is completed outside class. From the school homework page, students access the class web page that provides online practice exercises and cultural links. In class, students practice vocabulary and grammar which permits them to express themselves in Spanish. Much of what is done in class focuses on activities during which students communicate with classmates and the instructor. Two Semesters Elective One Credit No Prerequisite

SPANISH II

This course moves students from advanced beginner to intermediate level enabling students to acquire a basic mastery for the four language skills: listening, reading, speaking, and writing. Emphasis is on the application of growing knowledge of Spanish to real life situations and not just learning about the language. Most written practice of grammar is completed outside class. From the school homework page, students access the class web page that provides online practice exercises and cultural links. In class, students practice vocabulary and grammar that permits students to express themselves in Spanish. Much of what is done in class focuses on activities during which students communicate with classmates and the instructor. Two Semesters Elective One Credit Prerequisite: Spanish I

SPANISH III

This course moves students from beginning intermediate to advanced intermediate level. The goal is to enable students to acquire a basic mastery of the four language skills: listening, reading, speaking, and writing. Emphasis is the application of growing knowledge of Spanish to real life situations and not just learning about the language. Most written practice of grammar is completed outside class. From the school homework page, students access the class web page that provides online practice exercises and cultural links. In class, students practice vocabulary and grammar that permits students to express themselves in Spanish. Class work focuses on activities during which students communicate with classmates and the instructor. Two Semesters Elective One Credit Prerequisite: Spanish 2

SPANISH IV

This course moves to an advanced level. The goal is to enable students to acquire basic mastery of the four language skills: listening, reading, speaking, and writing. Emphasis is on the application of growing knowledge of Spanish to real life situations and not just learning about the language. Most written practice of grammar is completed outside class. In class, students practice vocabulary and grammar that permits them to express themselves in Spanish. Much of what is done in class focuses on communicating with classmates and the instructor. Two Semesters Elective One Credit Prerequisite: Spanish 3

The Following languages are offered online through the WV Department of Education. Course Descriptions are available at <http://wveis.k12.wv.us/vschool/courses/coursecatalog.cfm>

German 1, 2 & 3

Latin 1, 2 &3

French 1, 2, 3, &4

Mandarin 1 & 2

Japanese 1 &2

American Sign Language 1&2

HEALTH

Health 9

This course covers information on stress, goal setting, reproduction, and pregnancy, nutrition, and fitness, infectious and non-infectious diseases, and first aid. Normally, students are enrolled in this course for one semester during their freshman year.

One Semester Required One Half Credit No Prerequisite

Health 10

This course gives information on mental health issues, sexually transmitted diseases STD's, healthy choices, preventing violence, adulthood aging and death, healthcare, healthy relationships, and public health. Normally, students are enrolled in this course for one semester during their sophomore year.

One Semester Required One Half Credit No Prerequisite

LANGUAGE ARTS

ENGLISH 9

This course focuses on classic and contemporary literature. Students are exposed to a variety of writing including the short story, essays, drama, the novel, and poetry. Writing is stressed throughout the course with emphasis on short story writing and different forms of essays. Students are introduced to the life and times of Shakespeare through *Romeo and Juliet* and to the life and times of Charles Dickens in *Great Expectations*. Students are prepared for ACT and SAT examinations through vocabulary study and grammar instruction. Texts: *Timeless Voices, Timeless Themes: Gold Level*. Prentice Hall, 2002. *The Odyssey*, Homer. *O. Henry the Gift of the Magi and Other Short Stories*, Dover Thrift Editions 1992. *Great Expectations*, Charles Dickens, Dover Thrift Editions 2001. *Vocabulary Workshop, Enhanced Edition, Level D*, Sadlier-Oxford. Supplemental Material: *Great Expectations*. Mobil Masterpiece Theatre, 1999. *William Shakespeare: A Life of Drama*. Biography A&E, 1996. *Romeo and Juliet*, Zefferalli. (Film version) Two Semesters One Credit Required No Prerequisite

ENGLISH 10

Students are exposed to a reading anthology covering America's major authors and classics such as *The Scarlet Letter*. Writing is stressed throughout the course with emphasis given to essays and creative writing. Students are also given preparation for ACT and SAT examinations, particularly through the acquisition of vocabulary. Skill in writing a research paper in MLA format is also included. Texts: *Timeless Voices, Timeless Themes: The American Experience*, Prentice Hall, 1999 *Elements of Writing, Fourth Course*, Holt Rinehart Winston, 1993 *Vocabulary Workshop, Enhanced Edition, Level E*, Sadlier-Oxford Supplemental Material: *Three Sovereigns for Sarah Unchained Memories: Reading from the Slave Narratives* Two Semesters One Credit Required No Prerequisite

AP English 11

AP English Language and Composition focuses on essential reading, writing, and thinking skills that prepare students to analyze print and visual texts in any context and to write in a variety of modes, using a variety of methods. As such, the primary role of the AP English Language and Composition instructor is to facilitate learning through strategic instruction, a model that emphasizes a risk-free environment where student talk, rather than teacher talk, remains central. Teachers assist students in learning how to test their own ideas as well as consider the ideas of others during the reading and writing processes. Students also learn to initiate their own inquiries rather than simply respond to teacher-directed questions. Of course, such an environment carries the expectation that respect for others is taught and valued.

AP ENGLISH 12

AP English emphasizes writing for college and an in-depth study of the various genres of literature. Essays are both creative and content based. The ultimate goal is to pass the Advanced Placement English Exam in May and to be ready for college English. Texts: *Write for College* (Sebranek, Kemper, Meyer) *Literature: An Introduction to Fiction, Drama, and Poetry* (Kennedy, Gioia) *English Grammar and Composition* (Warriner). Two Semesters One Credit Required No Prerequisite

ENGLISH 12

Students work toward an expansion and appreciation of language and world literature in spoken and written form. They explore a wide variety of literature and strive to communicate effectively for different purposes in both writing and speaking. Research papers incorporating technology are required. Emphasis is on developing writing skills. Texts: Literature (Platinum), Prentice Hall, 1989 Writers INC., Great Source Education Group, 2001 Elements of Writing, Holt, Rinehart and Winston, Inc., 1993 Supplemental Material: Various novels Two Semesters One Credit Required No Prerequisite

YEARBOOK I, II, III

This course stresses the principles of layout and design used in the production of a school yearbook. Students learn advertising, copy writing, print styles, graphics, and photography. The yearbook is produced entirely on computer, and students are instructed in the use and capabilities of Adobe in Design and Adobe Photo Shop software. The yearbook is a business and self-supporting; therefore, the students learn the responsibility of fundraising, salesmanship, and working to deadlines. During the year, various guest speakers are arranged to broaden the students' understanding of publishing, interviewing, article writing, and photography. Students also participate in state journalism competitions and workshops. Texts: Your Curriculum: A Guide to Yearbook Journalism. Herff Jones Yearbooks 2003. In Print: The Text for Yearbook Journalism. Kansas City, MO: Wadsworth Publishing Company, 1991. Writing Yearbook Copy. Herff Jones. Two Semesters One Credit Elective Prerequisite: Students must be of sophomore status or older

YEARBOOK II

This course continues the students' involvement with producing the school's yearbook. Students take on more responsibility and may fill staff officer positions. Two Semesters One Credit Elective Prerequisite: Yearbook I

YEARBOOK III

This course continues the students' involvement with producing the school's yearbook. Students take on more responsibility and may fill staff officer positions. Two Semesters One Credit Elective Prerequisite: Yearbook II

MATHEMATICS

ALGEBRA 1

This course is a gateway to higher-level mathematics courses. This course is a transition from the concrete to the abstract with emphasis on conceptual development, drawing generalization from patterns, reasoning skills, problem solving, inequalities, linear, and quadratic equations, technology, and calculator use. Text: Algebra 1: Bellman, et al; Prentice Hall, 2004 Two Semesters One Credit Required Prerequisite: Algebra Prognosis Test, Teacher Recommendation, and Standardized Test Scores

ALGEBRA 2

This course begins with a brief review of basic algebra skills. More advanced topics are then taught by solving and graphing equations and inequalities in one variable followed by solving and graphing systems of equations in inequalities in two variables, and continue to solving systems in three or more variables. Matrices and determinants are taught as students begin to use capabilities of the graphing calculator. Operations with polynomials, rational expressions, radicals, and exponential numbers are covered. Function terminology and notations are adopted while studying linear, quadratic, polynomial, logarithmic, and exponential functions. Graphing and writing equations for conic sections and the study of sequences, series, and the binomial expansion complete the year. Two Semesters One Credit
Required Prerequisite: Teacher recommendation, Algebra I and Geometry Advanced Algebra 2 -
Teacher recommendation with A's and B's in Algebra 1

GEOMETRY

Geometry objectives are based on the successful completion of Algebra I. This course uses basic terms and definitions to develop a mathematics system of inductive reasoning, analysis, conjecture, formal and informal proofs, relationships to other branches of mathematics, other disciplines, and to workplace applications. This course includes activities in communication and reasoning skills, technology, and calculator use. Two Semesters One Credit Required Prerequisite: Algebra 1

TRIGONOMETRY

Trigonometry is the circular system which allows for the definition of trigonometric functions of real numbers- not just acute angles. There is extended work on trigonometric identities and the solutions of trigonometric equations; the solutions of right and oblique triangles; and graphing the six trigonometric functions. Prerequisite: Algebra 1, Algebra 2, and Geometry

ALGEBRA 3

This elective is designed for students who have taken Algebra 2 but do not possess a solid understanding of algebra. These students may not be proceeding to pre-calculus or upper level math courses. Students gain the ability to work with real data and learn to relate algebra to the real world. Text: Algebra 2nd Edition McDougall Littell, 2004. Students will take 2nd Semester following Trigonometry ; prerequisite: Algebra 1 and Algebra 2

STATISTICS

Statistics is one of the most important branches of mathematical sciences. Knowledge of this topic is critical to decision making and to the analysis of data. Using concepts of probability and statistics, individuals are able to predict the likelihood of an event occurring, organize and evaluate data, and identify the significance of statements. Concepts and tools for collecting, analyzing, and drawing conclusions from data are emphasized. Text: Elementary Statistics 3rd edition Picturing the World Edition, 2006. One Semester One Half Credit Elective Prerequisite: Algebra 2 and Trigonometry

PRE-CALCULUS

This course uses a balance of the traditional analytical approach and the technological approach to explore and investigate data through algebraic calculations and graphing. After studying the algebraic approach too many types of functions, pre-calculus uses a graphing calculator to find curves for quadratic, power, cubic, exponential, logarithmic, logistic, and trigonometric functions. Text: Pre-Calculus: Graphing, Data, and Analysis, Sullivan and Sullivan, 2004. Two Semesters One Credit Elective Prerequisite: Algebra 2 and Trigonometry or concurrent with Trigonometry in the first semester

AP CALCULUS AB

Advanced Placement Calculus is equivalent to the first semester of college calculus. The first semester is a study of differential calculus with its applications, while the second semester has an emphasis on integral calculus. Technology through the use of a graphing calculator is integrated throughout the course as students investigate problems algebraically, numerically, graphically, verbally, and with written methods. The AP test is given to determine college credit. Text: Calculus – Graphical, Numerical, Algebraic, Finney/Demana/Waits/Kennedy, 2003. Two Semesters One Credit Elective Prerequisite: Pre-Calculus and Teacher Recommendation

PHYSICAL EDUCATION

PHYSICAL EDUCATION (9 – 12)

Basic physical skills are emphasized in this program in an effort to prepare the individual for an extra-curricular activity of an athletic nature, further physical fitness, and proper body development through individual and team activities. Major emphasis is given to sports such as basketball, volleyball, badminton, softball, football, and kickball. Athletic clothing including shoes is required for participation.

Weight Lifting and Nutrition Class

This focus is all about taking care of you. The class goes to the Sebastian Center every Monday, Wednesday and Friday to workout based on a 45 minute workout that each student researched and designed based on their individual wants and needs for their body structure. Every Tuesday and Thursday we are in the classroom learning about Vitamins, Minerals, Supplements, the adverse effects of steroids and other substances that can be abused, and many more nutritional aspects to be applied in everyday lives. The students will do research on different fast food restaurants and the nutritional value that is found in their food compared to home cooked meals. Students will also be taught the proper way to lift and weight train and how to get the most out of their workout. Participation is a huge part of this grade along with the research involved. During the course of the year students will also watch particular videos in which they will be expected to pay attention and write a synopsis on and their personal opinions.

RELIGION

RELIGION 9

The first semester of this course gives students a general knowledge and appreciation of Sacred Scripture through which they encounter Jesus Christ. This course will navigate the salvific work of God—Father, Son, and Spirit—in forming a People, giving a Law, and preparing for the Messiah. Tracing the stages of Salvation History, this course introduces key figures, events, vocabulary, and doctrine that will appear continuously throughout a four-year Catholic curriculum. While this course is a study of both the Old and New Testaments, it begins by centering on the nature of God and a person's natural instinct to search for God. The second semester of this course deepens the study of Jesus, highlighting key events in his earthly ministry while opening his teachings about God the Father, the Trinity, Mary, and the Holy Spirit. Students learn that the goal of discipleship is a life of grace and holiness and a share of God's everlasting Kingdom. This course introduces key vocabulary terms, explores relevant questions of faith, profiles famous Christian disciples, and offers real life applications to put the lessons into action. Course Materials · Jesus Christ: God's Revelation to the World, Ave Maria Press, Inc. 2010. Jesus Christ: Jesus Christ: His Mission and Ministry, 2011. Two Semesters One Credit Required No Prerequisite

RELIGION 10

This semester will look at the Church that Jesus established from the perspectives of Mystery and Sacrament. Emphasis will be placed on the Church as a community with students doing both individual and group work as they study these two images. Students must complete 25 service hours for religion class per year. The work this semester will continue to look at the Church that Jesus established. The students will study Jesus continued mission in the world through the images of People of God, Teacher, Servant, and Communion of Saints. Students will be approaching this through individual and group work. Students must complete 25 service hours for religion class per year.

Two Semesters One Credit Required No Prerequisite

RELIGION 11

SACRAMENTS

Course Details this course is an introductory overview of the theology of the sacraments, the public, liturgical prayer of the Church. The Church is never so much the Church as when it is gathered together for liturgy. Jesus Himself is Sacrament, the visible sign of the invisible God. Eucharist is THE sacrament for it contains all that we are, all that the Church is, and all that Jesus says of God. Each of the sacraments will be discussed within the context of its role in the lives of the faithful: initiation into God's life, healing and reconciliation, and service to God's community. General Course Objectives · Gain an understanding and appreciation for the meaning of liturgy as an encounter with God and with the Church · Understand the power of sacramental words, symbols and the meaning of grace and how sacraments confer grace. Gain a basic grasp of a brief history of the sacraments. Understand that the Eucharist is the source and summit of the ecclesial life. Be able to explain the Sacraments of Initiation, the Sacraments of Healing and the Sacraments at the Service of Communion Course Materials: Meeting Jesus in the Sacraments, Ave Maria Press, Inc. 2010.

CATHOLIC MORALITY

This course is an introduction to the foundations of Catholic morality. Catholic Morality is the study of human freedom in the context of the infinite reality of Love: God's boundless love for each of us. Specific areas of study will include: Jesus, the Church, conscience, the nature of sin, the virtues, law, a process for moral decision making, and specific areas of morality through the framework of the Ten Commandments. General Course Objectives · Gain an understanding and appreciation of the foundations of morality as given by Jesus Christ. Identify and explain key concepts of Catholic Morality. Demonstrate awareness of elements involved in good moral decision making. Explain some implications of the Ten Commandments and the Great Commandments values and principles applicable today Course Materials: Your Life in Christ: Foundations of Catholic Morality, Ave Maria Press, Inc. 2008.

RELIGION 12

The first semester students will look at the issue of Morality by looking at the Life of Jesus. The emphasis will be on the individual's growth in the life of Jesus. The students will look at themselves through a variety of inventories that look at their learning styles, hemisphere of use, and personality type. The student will also look at themselves as moral followers of Jesus by studying the lessons of Thomas Merton. The second semester will continue the look of the student as a social follower of Jesus with social response ability. They will continue to study Thomas Merton and his understanding of social justice. The student will apply Merton's ideas to a social issue that they feel strongly about. The semester will end with the students summarizing their senior religion experience by reading Fully Human, Fully Alive by Father John Powell. Students must complete 25 service hours for religion class per year. Text: Fully Human, Fully Alive, Father John Powell. Two Semesters One Credit Required No Prerequisite

SCIENCE

Earth & Space Science

This is a required, college-preparatory course designed for freshman students. This course builds upon science concepts from middle school by revealing the complexity of Earth's interacting systems, evaluating and using current data to explain Earth's place in the universe and enabling students to relate Earth Science to many aspects of human society. Students focus on Space Systems, History of Earth, Earth's Systems, Weather and Climate, and Human Sustainability.

Biology

A yearlong elective course designed for students desiring a broad, in- depth study of the content found in many biological fields of endeavor. Biology is designed to build upon and extend the biological concepts, skills, and knowledge gained in previous courses. Biology receives one credit. The course's content, goals, and objectives are based on the West Virginia Board of Education/West Virginia Department of Education's Policy 2520.35: Biology (effective 1 July 2009). The overall goal is for students interested in health and science-related careers to build upon and expand their laboratory skills and experiences in biology. The subject matter for the course centers on cells and cellular processes, energy flow, classical and molecular genetics, and ecology. Safety instruction is integrated in all activities. Text: Biology (Pearson Benjamin Cummings 2002). Two Semesters One Credit Elective Prerequisite: Earth and Space Science 9

Chemistry in the Community (Chem. Com.)

Chem Com is a course that has been developed by the American Chemical Society. Chem Com is a laboratory based course that explores the ways that chemistry plays a role in different aspects of our daily life. The course consists of seven basic units of chemistry that affects our life. Each unity is explored through experimental activities. This course would not prepare a student for a college chemistry course. Chem Com will acquaint the student with how chemistry is a part of our environment. There is a great deal of basic mathematics in the course, but not on the level in Chemistry I.

CHEMISTRY 1

This course is a survey of the study of matter. This involves the study of atoms, the composition of matter, and the energy associated with changes in matter. Students acquire basic skills for scientific study of matter and a working knowledge of the Periodic Table. Chemistry is the central science in understanding God's world and how it works. Laboratory work and maintaining a proper laboratory notebook is emphasized. Critical thinking and mathematical skills are developed. Text: Introductory Chemistry by Zumdahl and Zumdahl Two Semesters One Credit Elective Prerequisite: Earth and Space Science and Algebra 1

AP Chemistry

AP Chemistry is a College Board based chemistry class. A college level textbook and labs will be used in the course. The content of AP chemistry will consist of covering units not covered in high school chemistry along with a more in depth examination of chemistry I units. The course will follow the guidelines established by College Board. AP chemistry guidelines consist of six big ideas. The course will be in a double period and students will be required to take the AP chemistry exam. Pre-requisite is a B average or better in Chemistry 1 Two Semesters One Credit Elective Prerequisite: Two Semesters One

ANATOMY AND PHYSIOLOGY

Human Anatomy & Physiology (HAP) is a year-long elective course designed for tenth, eleventh, or twelfth grade students wanting a deeper understanding of the structure and function of the human body. The prerequisite for this course is Physical Science or permission of the instructor; HAP receives one credit. HAP's course content, goals, and objectives are based on the West Virginia Board of Education/West Virginia Department of Education's Policy 2520.35: Human Anatomy & Physiology Content Standards and Objectives. The overall goal is for students to come to view the body as a whole on both micro and macro levels. Students will review cellular functions, biochemical processes, tissue interactions, organ systems, and their interactions in humans. The subject matter for the course centers on the following systems: integumentary, skeletal, muscular, respiratory, circulatory, digestive, excretory, reproductive, immunological, nervous, and endocrine. Major projects include a yearlong dissection of the cat as well as the brain, eye, kidney, and heart of the sheep. Safety instruction is integrated in all activities. The text for the course is Human Anatomy & Physiology, 7th ed. (Pearson 2007). Each semester, the student will compose an essay for the Writing Across the Curriculum program at PCHS. [Last revised May 2014] Two Semesters One Credit Elective Prerequisite: Physical Science 9 or instructor's permission

PHYSICS

This course is a survey of the science of physical matter and how things work. Problem solving and laboratory experience is emphasized. Students use mathematical skills and develop investigative skills and cooperative learning as they investigate God's world and the fundamental laws that govern it. Students study motion, heat and energy, wave motion, sound, electricity, and optics. A bridge building project as a capstone to the motion and materials section is often regarded as the most memorable part of the course. Text: College Physics by Wilson and Buffa. Two Semesters One Credit Elective Prerequisite: Algebra II

SOCIAL STUDIES

US HISTORY TO 1900

This study of the United States begins with the Pre-Columbian civilizations and follows the evolution of society in North America through 1900. Emphasis is placed on the development of the Constitution, settlement of expansive and widely differing environments, diverse populations, and the U.S. transformation to a dominant political and economic influence in the world. Special projects include time lines, Declaration of Independence and Constitution studies, Civil War projects, and technology integration through the use of power point presentations. Text: The Americans, McDougal Littell Two Semesters One Credit Required No Prerequisite

WORLD CULTURES TO 1900 (AP)

Ninth Grade World Studies engages students in the study of development and evolution of the historic, economic, geographic, political, and social structure of the cultural regions of the world from the dawn of civilization to the Twentieth Century. Special attention is given to the formation and evolution of societies into complex political and economic systems. Students are engaged in critical thinking and problem-solving skills, using maps, spreadsheets, charts, graphs, text, and other data from a variety of credible sources. Students synthesize the information to predict events and anticipate outcomes as history evolves through the ages.

AMERICAN HISTORY 20th/21st CENTURY STUDIES (AP)

Using historical development since 1896 as a framework, students explore the key events, personalities, and concepts that shaped the time period. With emphasis on the foundation of the 20th Century, World War I, the Roaring 20's, World War II, the Cold War, the 60's and 70's, and events from students' lives, students explore a variety of factors that have shaped the world today. Students build their own textbook from notes, original source documents, and graphic organizers as well as reference to published text. Students process information through class participation and in journals and produce projects each quarter that demonstrate their unique understanding of the subject matter. Course goals include mastery of relevant information, a demonstration of personal insight, the development of writing skills, and the advancement of critical thinking skills and personal development.

ECONOMICS/CIVICS

Civics is designed as a culminating history class that fosters informed citizens essential to the perpetuation of the American Republic. Students learn and utilize knowledge and skills for responsible, participatory citizenship based on a firm understanding of the principles and practices of our government coupled with civil rights and responsibilities, sound financial literacy, and global awareness. Students investigate what has happened, explore what is happening, and predict what will happen with the social, political, and economic problems that beset America and the world using the skills and resources of the past centuries and the present. Students continue to develop their critical thinking and problem-solving skills collaboratively and independently to become informed citizens and consumers, who practice economically sound decision-making, are geographically aware of physical and human landscapes of the world, and protect, preserve and defend their system of government. Two Semesters One Credit Required Prerequisite: US History to 1900 World Cultures 20th/21st Century Studies

TECHNOLOGY EDUCATION

MULTI-MEDIA

The course equips the students with the skill and knowledge to create multimedia projects on a computer. The greater part of this course is spent teaching students to use a wide variety of multi-media equipment, ranging from digital cameras and video cameras to scanners and LCD projectors. The main project the class finishes is the senior slide show in Adobe Premiere for graduation. This course is offered in conjunction with the Computer Applications course. Text: Adobe Premiere Classroom in a Two Semesters One Credit Elective No Prerequisite

Electives

DRIVER EDUCATION

Driver Education offers students an opportunity to develop safe driving habits and skills through classroom instruction and driving experience in a dual control automobile/van. The importance of a safe driving attitude and good decision-making are emphasized. Text: Drive Right 9th Edition, Scott Foresman
One Semester One Half Credit Elective No Prerequisite

STUDENT COUNCIL

Student Council is an extra-curricular activity that meets most Tuesday's at lunchtime. Students are elected by the student body and perform many tasks throughout the year. Some activities include Homecoming and Spirit Week, Big Buddies Program, Clash of the Classes, thuses, and Catholic Schools Week. Students are expected to participate in various community service efforts. Two Semesters One Half Credit Prerequisite: Student Body Elections

CONSUMER ECONOMICS

This course is designed to help students appreciate and manage personal finances. Students learn to identify and manage their resources. The students learn how to make wise decisions about career choices, banking, housing, credit, savings, investments, and insurance. This course incorporates a nine week Career Success Academy the students will complete a series of lessons offered online call Exploring Career Options. This course helps students identify their interests, abilities, and personal characteristics, as well as top career prospects and career requirements. It also assists with the development of a career vision statement and networks students with individuals in a similar career. Text: Economic Education for Consumers, Miller/Stafford, 2006. Credit and Credit Cards, United Learning. Personal Finance: Saving Strategies, Cerebellum Corp., 2002. One Semester One Half Credit Elective No Prerequisite

LEADERSHIP

This course, designed by students of the McDonough Leadership Program of Marietta College, offers a powerful leadership development experience. Based on the three components: Knowledge (leadership through seminar style classes); Action (leadership training--skill building through practice/projects); and Growth (leadership development through reflection and self-assessment).

The objective of this course is to focus on the basic principles of personal and interpersonal leadership that can be used in any life arena. We will explore variables that affect productivity, effectiveness, and efficiency, and a variety of interpersonal skill-sets. Emphasis will be placed on vision, goals & objectives, motivation, decision-making, time management, power, team building, conflict, ethics, dealing with change, communication skills, and diversity issues. In addition, we will explore a variety of other topics including developing your personal leadership style, and team leadership. Classroom teaching methods will include lecture, class discussion, videos, oral presentations, written assignments, and many group projects. A part of the course will include experiences to enhance your learning of the focus concepts via individual and group exercises. By the end of the course, you will have increased your personal and interpersonal awareness, sharpened your analytical skills, and gained a greater understanding of the complex issues facing today's leaders.

MIDDLE SCHOOL COURSES GRADES 7-8

GRADE 7

All seventh grade students take the following courses: Religion 7 English 7 Math 7 Science 7 Social Studies 7 (Geography) PE: one semester Study Skills: one semester Music 7: one semester Art 7: one semester

RELIGION 7

This course deepens students' understanding of Jesus Christ, true God and true man. Students become more aware that Jesus as the Son of God saves us through His life, death, and resurrection. Emphasis is placed on prayer, trust, and the ways in which teens see the relationship between their lives as adolescents and the development of their Catholic Christian faith. Special projects include "Color in the Bible" – students compose prayers, study Gospel illustrations, and complete projects on the saints. Students must complete 25 service hours for religion class per year. Two Semesters Required No Prerequisite

ENGLISH 7

The class provides instruction making use of assignments which are adapted to the many different learning styles of each and every student and is based on research into multiple intelligences. Practice improving vocabulary skills takes place every day. Students study classic and contemporary literature and they read short stories, drama, poetry, and one novel together. Creativity is encouraged through writing essays, as in the study of grammar, usage and mechanics. Text: Elements of Literature, First Course, Holt, Rinehart, and Winston, 2000. Prentice Hall Literature Bronze, Prentice Hall, Inc., 1989. English Communication Skills in the New Millennium, Barrett Kendall Publishing, 2001. Vocabulary Workshop, Level B, Sadlier-Oxford, 2002. Two Semesters Required No Prerequisite

MATH 7 (PRE-ALGEBRA with GEOMETRY)

The seventh grade year introduces skills and concepts related to algebra, geometry, and probability, and statistics. Although basic skills are reviewed, the major emphasis is on preparing the student for Algebra I in eighth grade. Use of technology is encouraged in the classroom through the use of relevant mathematical computer games to reinforce concepts. Calculator use is discouraged and instruction emphasizes pencil/paper computations. Students are encouraged to do daily board work; problems worked must include a basic verbal explanation which promotes communication skills and use of mathematical vocabulary. In addition to verbal explanations, students are periodically asked to provide a written paragraph on how to solve a particular problem. Communication skills are further enhanced by the use of cooperative learning and mathematical arguments. Instructional objectives include number theory, number sense, patterns, functions, algebra, probability and statistics, and geometry with measurement.

SCIENCE 7

Coordinated and Thematic Science (CATS 7) The goal of the course content and objectives is for students to demonstrate scientific literacy in biology, chemistry, physics, earth science, and space science. Students will engage in active inquiries, investigations, and hands on activities for a minimum of 50% of the instructional time to develop conceptual understanding and research laboratory skills. Safety instruction is integrated in all activities. Through active investigation, students will explore the types of simple machines, create a functioning machine, and calculate mechanical advantage; interpret and create a functioning machine, and calculate mechanical advantage; interpret and create topographic maps; explore the ocean floor through the use of bathymetric maps; develop an understanding of rock cycle, types of rocks, and relative dating principles. Students will also Earth's major plant and water biomes and discover how man's every day activities impact both. Additionally, parts of both food chains and food webs, how man's activities may negatively impact Earth's major food sources. Students will also make parallel and series circuits and through the use of Ohm's Law, calculate voltage, resistance, and current. Students will also develop and understanding of the properties of matter. Students will discover how the movement of tectonic plates is responsible for the creation and destruction of the Earth's crust, plus, students will explore, through the use of media, how plate movement may impact human life. Furthermore, students will engage in activities that involve the sequencing of steps in the life and death of small, medium, and massive stars. Text: CPO Science, 2003 Science Explorer From Bacteria to Plants, Prentiss Hall, 2006. Two Semesters Required No Prerequisite

SOCIAL STUDIES 7 (World Geography)

Seventh Grade Social Studies focuses on the impact of the human/environment interaction in the ancient civilizations, the rise of the European nations, and the Age of Imperialism. Students will learn about geographic regions through geography skills development. Economic knowledge will build to include the growth of mercantilism and the rise of the middle class. Students will classify and compare various forms of government and the relationship of nationalism and patriotism to those governments

ART 7

Students participate in various hands on activities designed to introduce art concepts, styles, art history, and artists' biographies. Although students enter the class functioning at different developmental levels in art, there are opportunities for each student to grow in skill while experiencing success. One Semester Required No Prerequisite

MUSIC 7

This course introduces students to the basic skills of music. Students learn to speak the language of music by singing, playing and listening to music from a number of cultures from around the world. Students learn to identify basic music notation and terms, to recognize various genres and styles of music and to give distinguishing characteristics of each. Students will be made aware of the many influences that have led to American music. Some time is spent on the music of the Catholic and Protestant churches and the historical components of each.

PHYSICAL EDUCATION 7

This course emphasizes physical activity, team cooperation, and individual stamina through daily exercise. Athletic clothing including shoes is required for participation. One Semester Required No Prerequisite

STUDY AND KEYBOARDING SKILLS

This course designed to help 7th grade students develop study skills, and keyboarding skills that they can carry with them throughout their academic life. Students are introduced to the use of the Internet, cyber ethics, plagiarism, netiquette, and web site evaluation, Students are taught test taking skills, listening skills, study habits, note taking skills, and report writing. Another purpose of this course is to teach basic keyboarding and application skills, letter writing, tables, etc. One Semester Required No Prerequisite

GRADE 8

All eighth grade students take the following courses: Religion 8 English 8 Math 8* Science 8 Social Studies 8 (WV History/Civics) PE 8: one semester Health 8: one semester Art 8: one semester Music 8: one semester *Or Algebra 1 which is one credit toward high school graduation

RELIGION 8

The theme is: Who am I as a Catholic/Christian as I discover myself as a person and a child of God? Throughout the year, students do a number of units and activities. Students do a cursory study of Church history and complimentary topics. The first semester places emphasis on written assignments; while the second semester places emphasis on group work. Students study the Sunday readings in preparation for the Lord's Day. Finally, students do a number of activities such as during Advent working on spiritual projects and an "O" Antiphon. Later in the year, students write the first of two discovery papers on a saint. Students must complete 25 service hours for religion class per year.

ENGLISH 8

English 8 includes the study of correct grammar, spelling/vocabulary, and the reading of regional, national, and international works along with the integration of technology. Students study poetry, short stories, and drama. Coursework consists of two weeks of grammar, then two weeks of literature on a rotating basis, with twenty vocabulary units integrated over the two semesters. Special projects include four book reports (one each nine weeks—two oral and two written), an Anne Frank project, a career project, and a Jack London project. Textbook: Elements of Literature – 2nd Course (Holt) Vocabulary Workshop, Enhanced Edition, Level C, Sadlier-Oxford. Call of the Wild, Jack London The Pearl, John Steinbeck Two Semesters Required No Prerequisite

MATH 8: PRE-GEOMETRY WITH ALGEBRA

This course is required for students not taking accelerated mathematics courses. This course builds on concepts and skills from Math 7, extends them to a higher level, and emphasizes real numbers, their operations, linear equations, and proportional reasoning. Two Semesters Required No Prerequisite

SCIENCE 8

This course focuses on physical science, chemistry, and life science. After a review of plate tectonics, earth science topics studied include water quality and earthquakes. Throughout the school year, students cooperate and collaborate to ask questions, find answers, solve problems, and conduct experiments; use a variety of materials and instruments to conduct exploration, investigations, and experiments of the natural world. Students also utilize experimentation to demonstrate scientific processes and thinking skills (e.g., formulating questions, predicting, forming hypothesis, documenting observations; both quantitative and qualitative in nature, identifying independent and dependent variables and establishing control groups). Students also gather, graph, interpret, analyze, and explain data. Two Semesters Required No Prerequisite

WEST VIRGINIA HISTORY

The program of study emphasizes the interdependence of geographic, cultural, political, environmental, and economic factors involved in the history of the state of West Virginia. Lessons include the study of tourist attractions. Students develop a travel itinerary for a family of four spending a week in West Virginia. Students also explore early modes of transportation through a construction project. Students are also encouraged to explore job opportunities within our state. The many types of industry, and their economic rise and decline are also explored. Students take several educational fieldtrips. One example is a trip to Fort New Salem where students learn about the settling of our area and pioneer life. Students also learn about counties, the significance of the state seal, French and English explorers, Native American conflicts, slavery, the Civil War, the impact of president's Washington and Lincoln on our area and the development of West Virginia as a state. Text: West Virginia The History of an American State with Supplements, 1998 One Semester Required No Prerequisite

ART 8

Students continue to build skills in art and study the art of various cultures. More complicated assignments are provided in the study of perspective and color. Students learn about the importance of art in the community. One Semester Required No Prerequisite

HEALTH 8

This course is designed to inform the student of the benefits of living an active and healthy life by making the right choices when it comes to exercise and nutrition. They are also given the information on how to avoid peer pressure and drugs and alcohol. This course is offered as an introduction to Health 9 and Health 10 which the students take in high school. Normally, students are enrolled in this course for ½ semesters during their eighth grade year. No textbook is used; however supplemental material is available. One Semester Required No Prerequisite

MUSIC 8

This course explores styles and characteristics of Western Art Music – music originating in Europe dating back to the Medieval Era. Students learn through listening, playing, singing, reading and writing the various styles of music throughout history. Students learn to identify general structures of music and to connect these forms to the popular music of today. Students also explore the music of America including music festivals, music in the media and careers in music. A unit on the science of music also connects the arts to mathematics and science.

PHYSICAL EDUCATION 8

This course emphasizes physical activity, team cooperation, and individual stamina through daily exercise. Athletic clothing including shoes is required for participation. One Semester Required No Prerequisite.