

West Catholic Preparatory High School
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WEST CATHOLIC
Preparatory High School

LOCATED IN UNIVERSITY CITY

2020-2021 Course Catalog

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WEST CATHOLIC PREPARATORY HIGH SCHOOL COURSE CATALOG

INTRODUCTION – Academic Affairs

March 2020

This academic catalog is published to help students and their parents/guardians during the course selection process for the 2020-2021 school year. Be sure to read and understand it completely and to use it well in preparing the student's course of studies for next year. Wise choices demand a realistic study of the student's past records, present aptitude, and future goals. Once the course selection process is completed and the verification sheet is accepted, it is difficult, if not impossible, to make changes. **If constraints of personnel or other unforeseen problems arise, the Administration reserves the right to cancel effected elective courses and assign a study period or alternative elective if necessary.**

Parents/guardians, teachers, counselors, administrators, and students all have roles to play in this process of course selection. Present teachers can offer realistic advice about future courses given what they have observed of the student in their classes. Teachers of the courses being considered can advise about the requirements of their classes and the performance standards they hold. The guidance counselors are well-informed about general college and career requirements, while I can offer supervisory guidance as to whether a student's course of studies appears consistent with a college preparatory curriculum and his/her own academic record.

A student may choose any course listed provided he/she meets the requirements. Should a student choose a course for which he/she is not qualified or for which an insufficient number has enrolled, the school administration reserves the right to make adjustments in the roster. Every effort will be made to discuss such adjustments. However, the final decision on rostering will be made by the school administration. **Elective courses which students choose and to which they are assigned may not be dropped.**

The curriculum offered at West Catholic is one that attempts to meet the needs of the student as perceived by the school and by the student. Many of the courses are required because they are seen as being important for the well-educated Christian in today's society. Other courses are offered to help the individual plan for specific interests in the future. It is the hope of the school that each student will be able to design a program that is both challenging to their abilities and satisfying to their interests. Parents/guardians and students with questions about the course selection process should feel free to contact me.

Mr. Michael Field, Jr
Assistant Principal, Academic Affairs

GPA SCALE

Grade	Unweighted	AP		Honors		College Prep	
		Added Value	Weighted	Added Value	Weighted	Added Value	Weighted
100-97	4.0	2.0	6.0	1.5	5.5	1.0	5.0
96-94	3.6	2.0	5.6	1.5	5.1	1.0	4.6
93-91	3.3	2.0	5.3	1.5	4.8	1.0	4.3
90-88	3.0	2.0	5.0	1.5	4.5	1.0	4.0
87-85	2.7	2.0	4.7	1.5	4.2	1.0	3.7
84-82	2.4	2.0	4.4	1.5	3.9	1.0	3.4
81-79	2.1	2.0	4.1	1.5	3.6	1.0	3.1
78-76	1.8	2.0	3.8	1.5	3.3	1.0	2.8
75-73	1.5	2.0	3.5	1.5	3.0	1.0	2.5
72-70	1.2	2.0	3.2	1.5	2.7	1.0	2.2
<69	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PROGRAM OF STUDY

Academic Level: Students in the freshmen year are placed in two academic levels based on their seventh and eighth grade marks and their categorical national percentiles on standardized tests. Sophomores, juniors, and seniors are either in the Honors or College Prep.

CREDITS: All courses are one credit courses unless stated otherwise within the course description.

ALL FRESHMEN ARE ASSIGNED 7 CREDITS

Required: Theology I, ELA I, Algebra 1, Physics First, World History,
Two from among: Art 1, Technological Communications, Spanish I, World Music, Engineering, or Intro. to Computer Science

ALL SOPHOMORES ARE ASSIGNED 7 CREDITS

Required: Theology II, ELA II, Geometry, Biology, and American Government
Two from among: Spanish I/II, Physical Education/Health, Art Elective, Music Elective, Computer Science Elective, Engineering Elective, Additional Math, or Health Elective

ALL JUNIORS ARE ASSIGNED 6-7 CREDITS

Required: Theology III, ELA III, Algebra 2/Pre-Calculus, Chemistry, US History
One or Two from among: Spanish I/II/III, Physical Education/Health, Art Elective, Music Elective, Computer Science Elective, Engineering Elective, Math Elective, Science Elective, or Health Elective

ALL SENIORS ARE ASSIGNED 6-7 CREDITS

Required: Theology IV, ELA IV and a Math or Science course
Four or Five from among: Spanish I/II/III, Physical Education/Health, Art Elective, Music Elective, Computer Science Elective, Engineering Elective, Math Elective, Science Elective, Health Elective, Business/Technology, or Living Psychology

PHYSICAL EDUCATION/HEALTH DEPARTMENT

Requirement: All students must take a full year of Physical Education and Health. This is a requirement set forth by the State of Pennsylvania.

WC0111 – Physical Education .50 credit College Prep Grade 10, 11, 12

This program will teach students how to develop and maintain a good fitness level. Basic fundamentals of sports and games will be taught. Exercise and other general fitness activities will be introduced.

WC0121 – Health .50 credit College Prep Grade 9, 10, 11, 12

This course deals with the holistic approach to health. The students incorporate the mental, physical, and social aspects of behavior to the decision making process. Some topic areas of discussion are: alcohol, drugs, tobacco, stress management, nutrition, physical fitness, mental health and STDs.

WC0171 – Health and Personal Fitness .50 credit College Prep Grade 9, 10, 11, 12

This program will teach students how to develop and maintain a good fitness level. Basic fundamentals of sports and games will be taught. Exercise and other general fitness activities will be introduced.

Wc0151 –Sports Medicine 1 credit College Prep Grade 10, 11, 12

This introductory course covers topics including pharmacology and sports medicine terminology. Students also learn to recognize common athletic injuries. The responsibilities of athletic trainers and potential careers in sports medicine are discussed.

ENGLISH DEPARTMENT

Requirements: All students must take four years of English Language Arts at an academic level determined by the department and the administration. All students are required to complete summer assignments.

To improve standardized scores on the Terra Nova, PSAT, and the SAT, the English Department stresses an on-going program consisting of sentence error analysis, timed readings, and SSR(Sustained Silent Reading). To foster and encourage effective writing, all students participate in the Laws of Life essay contest, funded by the Templeton Foundation. Summer reading is also required. For honors courses, there are also mandatory written assignments based on additional summer readings.

WC1111 – English Language Arts I (H)	1 credit	Honors	Grade 9
WC1121 – English Language Arts I	1 credit	College Prep	Grade 9

ELA I: Critical Reading, Writing, and Speaking supported through Genre Studies

English Language Arts I is a required course for all ninth grade students. Based on the Common Core Standards, this course provides students with the skills and knowledge to become critical readers and writers by analyzing key ideas and details, craft and structure, and the integration of knowledge and ideas in literature and informational text.

Students will develop their writing skills by examining text types and purposes and by writing arguments, explanatory/informational texts, and narratives. Using the full writing process, students will learn how to produce and distribute quality writing using technology's capacity to produce, publish, and share writing products. Students will conduct short research projects and will participate in a range of collaborative discussions integrating multiple sources of information. This course will advance students' knowledge of the conventions of Standard English and will strengthen vocabulary acquisition and use.

This course is supported through various literary Genre studies.

WC1211 – English Language Arts II (H)	1 credit	Honors	Grade 10
WC1221 – English Language Arts II	1 credit	College Prep	Grade 10

ELA II: Critical Reading, Writing, and Speaking supported through World and British Studies

English Language Arts II is a required course for all tenth grade students. Based on the Common Core Standards, this course provides students with the skills and knowledge to become advanced critical readers and writers by analyzing multiple themes, interpretations, and details, craft and structure, and the integration of knowledge and ideas in literature and informational text.

Reinforcing and expanding the writing objectives of the freshman year, this course will develop the student's writing skills by examining text types and purposes and by writing arguments to support claims in an analysis of substantive topics or texts. Students will write

explanatory/informational texts to examine and convey complex ideas, and will write narratives to develop real or imagined experiences or events. Students will learn how to produce and distribute quality writing using technology's capacity to produce, publish, and share writing products. Students will conduct sustained research projects and will participate in a range of collaborative discussions and presentations integrating multiple sources of information. This course will further advance students' knowledge of the conventions of Standard English and will strengthen vocabulary acquisition and use.

This course is supported through various selections in World and British studies.

WC1311 – English Language Arts III (H)	1 credit	Honors	Grade 11
WC1321 – English Language Arts III	1 credit	College Prep	Grade 11

ELA III: Critical Reading, Writing, and Speaking supported through American Studies

English Language Arts III is a required course for all eleventh grade students. Based on the Common Core Standards, this course provides students with the skills and knowledge to become critical readers and writers by analyzing key ideas and details, craft and structure, and the integration of knowledge and ideas in literature and informational text.

This course will develop the student's writing skills by examining text types and purposes and by writing arguments, explanatory/informational texts, and narratives. Students will learn how to produce and distribute quality writing using technology's capacity to produce, publish, and share writing products. Students will conduct short research projects and will participate in a range of collaborative discussions integrating multiple sources of information. This course will advance students' knowledge of the conventions of Standard English and will strengthen vocabulary acquisition and use.

This course is supported through various selections in American studies.

ELA IV: Critical Reading, Writing, and Speaking supported through American Studies

WC1011 – AP English	1 credit	AP	Grade 12
WC1411 – English Language Arts IV (H)	1 credit	Honors	Grade 12
WC1421 – English Language Arts IV	1 credit	College Prep	Grade 12

Advanced Critical Reading, Writing, and Speaking supported through World and Contemporary American Studies

English Language Arts IV is a required course for all twelfth grade students. Based on the Common Core Standards, this course provides students with the skills and knowledge to become advanced critical readers and writers by analyzing multiple themes, interpretations, and details, craft and structure, and the integration of knowledge and ideas in literature and informational text.

Reinforcing and expanding the writing objectives of the junior year, this course will develop the student's writing skills by examining text types and purposes and by writing arguments to

support claims in an analysis of substantive topics or texts. Students will write explanatory/informational texts to examine and convey complex ideas, and will write narratives to develop real or imagined experiences or events. Students will learn how to produce and distribute quality writing using technology's capacity to produce, publish, and share writing products. Students will conduct sustained research projects and will participate in a range of collaborative discussions and presentations integrating multiple sources of information. This course will further advance students' knowledge of the conventions of Standard English and will strengthen vocabulary acquisition and use.

This course is supported through various selections in World and contemporary American studies.

ALL AP students must take the AP exam in May.

Research and Writing: Learning to effectively research and write across disciplines

WC1621 –College Research and Writing 1 credit College Prep Grade 11,12

This writing course, open to high achieving students, will focus on argumentation, the academic writing students need for college. Students will learn how to create arguments that are clear and logical, concentrating on areas such as the use of rhetorical devices, evidence and research, citations and MLA style, correct grammar and mechanics. Additionally, students will read and discuss other authors' essays and apply what they learn to their own writing. There will be short and longer writing assignments throughout the semester.

WC2321 – American History: The Modern Era 1 credit College Prep Grade 11

This course is a study of United States History from the reconstruction era to the present. The course will continue to develop students' research and academic skills by focusing on the major economic, social, and political, events in United States History.

Students will analyze the basic characteristics and development of government and economic systems. Utilizing this knowledge, students will analyze the relationship between political and economic institutions in various countries and the effect these institutions have on domestic and international policies.

WC2501 – AP Comparative Government 1 credit AP Grade 12

The AP course in Comparative Government and Politics introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and to communicate to students the importance of global political and economic changes. Comparison assists both in identifying problems and in analyzing policymaking. For example, we only know that a country has a high population growth rate or serious corruption when we compare it to other countries. Careful comparison of political systems produces useful knowledge about the policies countries have effectively initiated to address problems, or, indeed, what they have done to make things worse. We can compare the effectiveness of policy approaches to poverty or overpopulation by examining how different countries solve similar problems. Furthermore, by comparing the political institutions and practices of wealthy and poor countries, we can begin to understand the political consequences of economic wellbeing. Finally, comparison assists explanation. Why are some countries stable democracies and not others? Why do many democracies have prime ministers instead of presidents?

WC2451 – AP Psychology 1 credit AP Grade 12

The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatments of psychological disorders, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas. *College Course Equivalent* The AP Psychology course is designed to be the equivalent of the Introduction to Psychology course usually taken during the first college year. *Prerequisites* There are no prerequisites for AP Psychology. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

WC2441 – Living Psychology 1 credit College Prep Grade 12

This course focuses on individuals' behavior and why an individual thinks, feels, and reacts to certain stimuli. Specifically, this class will show how events from childhood influence adolescence and affect adulthood. In addition, it will look at the differences between childhood, adolescence, and adulthood in terms of morality, emotions, relationships, and their own identity.

MATHEMATICS DEPARTMENT

Requirements: All students must take three years of Mathematics and are encouraged to take a fourth math their senior year.

WC3111 – Algebra 1 (H)	1 credit	Honors	Grade 9
WC3121 – Algebra 1	1 credit	College Prep	Grade 9

Based on the Common Core Standards, students enrolled in Algebra I will examine structure in equations, and will create equations that describe numbers or relationships. Students will reason with equations and inequalities abstractly and quantitatively, will solve systems of equations and will represent and solve equations and inequalities graphically. Students will construct viable arguments for their reasoning and critique the reasoning of others.

WC3211 – Geometry (H)	1 credit	Honors	Grade 10
WC3221 – Geometry	1 credit	College Prep	Grade 10

Based on the Common Core Standards, students enrolled in Geometry will experiment with transformations in the plane, will prove geometric theorems and will make geometric constructions. Students will understand similarity, right triangles and trigonometric ratios. Students will understand and apply theorems about circles, will express geometric properties with equations, and will use geometric measurement and dimension to solve problems. Students will reason abstractly and quantitatively and will construct viable arguments and critique the reasoning of others.

Prerequisites for 321: Honors Algebra I and/or teacher recommendation.

Prerequisites for 322: Algebra I or Honors Algebra I and teacher recommendation.

WC3201 – Algebra 2 (H)	1 credit	Honors	Grade 10, 11
WC3321 – Algebra 2	1 credit	College Prep	Grade 11

Based on the Common Core Standards, students enrolled in Algebra II will interpret and build functions, will perform arithmetic with polynomials and rational functions, will analyze functions using various representations and will construct and compare linear and exponential models and solve problems. Students will reason abstractly and quantitatively, will construct viable arguments and critique reasoning of others and will use appropriate tools of mathematics strategically.

Prerequisites for WC3201: Honors Algebra I and/or teacher recommendation

Prerequisites for WC3321: Geometry and teacher recommendation.

WC3311 – Trigonometry/Pre-Calculus (H) 1 credit Honors Grade 11

This course consists of trigonometry, both triangular and circular, analytic geometry with an in-depth study of the algebra of functions, and an introduction to the basic concepts of differential and integral calculus. Appropriate technology is applied.

Prerequisites: Honors Algebra 2 and Honors Geometry and teacher recommendation.

WC3401 – AP Calculus AB 1 credit AP Grade 12

This course completes the Math sequence for the West Catholic scholar. This course is an official Advanced Placement course that utilizes the course of study developed by the Advanced Placement of the College Board and that culminates in the Advanced Placement Examination. Appropriate technology is applied. **ALL STUDENTS MUST TAKE THE AP EXAM IN MAY.** The course focus on students' understanding of calculus concepts and provide experience with methods and applications. Through the use of big ideas of calculus (e.g., modeling change, approximation and limits, and analysis of functions), each course becomes a cohesive whole, rather than a collection of unrelated topics. Both courses require students to use definitions and theorems to build arguments and justify conclusions. The courses feature a multirepresentational approach to calculus, with concepts, results, and problems expressed graphically, numerically, analytically, and verbally. Exploring connections among these representations builds understanding of how calculus applies limits to develop important ideas, definitions, formulas, and theorems. A sustained emphasis on clear communication of methods, reasoning, justifications, and conclusions is essential.

Prerequisites: Trigonometry/Pre-Calculus and a strong teacher recommendation. Students who qualify and choose to take this course must sign a contract.

WC3411 – Calculus (H) 1 credit Honors Grade 12

This course combines one semester of differential calculus and one semester of integral calculus. The course consists of the delta method, limits, functions, continuity, differential approximations, applications to velocity and acceleration, curve sketching, maximum and minimum problems, mean value and Rolle's theorems, antiderivatives, definite integrals, transcendental functions, trapezoidal rule, applications to area and volume, and integration by parts. Appropriate technology is applied.

Prerequisites: H. Trigonometry/Pre-Calculus or H. Trigonometry/Pre-Calculus concurrently and strong teacher recommendation.

WC3421 – Trigonometry/Pre. Calculus 1 credit College Prep Grade 12

This course is designed to meet the needs of students who have good mathematical skills and intend to attend college. The course consists of trigonometric functions, circular functions, triangle

trigonometry, trigonometric equations and applications, and graphing functions with calculators/computers, as well as sequences and series. Appropriate technology is applied.

Prerequisites: H. Algebra 2 or Algebra 2 and teacher recommendation.

WC3711 – Statistics (H.) 1 credit Honors Grade 11, 12

This course is designed to meet the needs of students who have good mathematical skills and intend to attend college. The course is an introduction into statistics.

SCIENCE DEPARTMENT

Requirements: All students must take three years of Science.

WC4111 – Physics First (H.) 1 credit Honors Grade 9

This course is designed to help the student to develop basic scientific concepts, to learn laboratory techniques which will be needed in subsequent science courses, and to develop ease in applying math to an understanding and explanation of data. Topics include: scientific methods and skills, properties and composition of matter, atomic structure and bonding, formulas and equations, elements and the periodic table, acids and bases, force, motion, simple machines, heat, sound, light, electricity, and nuclear energy.

Prerequisite: Algebra I in 8th grade and by approval of Science Department Chair.

WC4121 – Physics First 1 credit College Prep Grade 9

This course is designed to help the student understand fundamental scientific concepts and processes, and apply laboratory and math skills to their learning of physical science. Some topics which are explored are: care and use of scientific equipment and materials, metric measurements, classification of matter, atomic structure, chemical bonding, chemical reactions, motion, energy, heat, electricity, light, and sound.

WC4211 – Biology (H) 1 credit Honors Grade 10

In this course topics are explored that lead to a framework of discussion and experimentation of ideas. The course begins with a discussion of the unique properties of living organisms. The presentation of molecular and cellular biology follows and gives a background for the concepts of reproduction and genetics. The study progresses from cells to protists, to plants, to animals, and finally to humans. In the laboratory, students will be involved in activities which help them to discover scientific principles and develop fundamental scientific skills.

Prerequisites: Honors Physical Science and teacher/department head approval. First semester physical science grade of 85 or above.

WC4221– Biology 1 credit College Prep Grade 10

In this course topics are explored that lead to a framework of discussion and experimentation of ideas. The course begins with a discussion of the unique properties of living organisms. The presentation of molecular and cellular biology follows and gives a background for the concepts of reproduction, genetics, evolution and classification. The study progresses from cells to protists, to plants, to animals, and finally to humans. Lab investigations will help the student further develop their scientific skills.

Prerequisites: Physical Science and teacher/department head approval.

WC4311 – Chemistry (H) 1 credit Honors Grade 11

Chemistry is a course designed to enable students to acquire a background in the subject for future college courses, to obtain jobs in science related fields, and to be informed, scientifically literate citizens. Topics include scientific method, properties of matter, formulas and equations, stoichiometry, atomic structure, the periodic table, bonding, solutions, equilibrium, acids, bases, salts, oxidation – reduction, electrochemistry, organic and nuclear chemistry.

***Prerequisites:** Honors Biology, Algebra 2 (concurrently), and teacher/department head approval. First semester biology grade of 85 or above.*

WC4321 – Chemistry 1 credit College Prep Grade 11

Chemistry is a course designed to enable students to acquire a background in the subject for future college courses, to obtain jobs in science and science related fields, and to be informed, scientifically literate citizens. Topics include scientific method, properties of matter, formulas and equations, atomic structure, the period table, solutions, equilibrium, acids, bases, salts, oxidation – reduction, and electrochemistry. Lab activities stress aspects of chemistry applicable to everyday life.

***Prerequisites:** Biology, Algebra 2 (concurrently) and teacher/department head approval.*

WC4411 – Physics (H) 1 credit Honors Grade 12

This course is designed to provide an understanding of the physical laws of nature. Topics covered include: Motion, mechanics, light, optics, heat, sound, electricity, magnetism, and the structure of matter. Emphasis is placed on understanding and applying concepts. The use of mathematics in problem solving as well as the reporting and interpretation of laboratory data in the form of tables, graphs, and models are integral parts of the course.

***Prerequisites:** First semester chemistry grade of 85 or above and teacher/department head approval. Calculus or trigonometry must be taken concurrently.*

WC4421- Physics 1 credit College Prep Grade 12

This course is designed to provide an understanding of the physical laws of nature. Topics covered include: motion, mechanics, light, optics, heat, sound, electricity, magnetism, and the structure of matter. Topics are treated as rigorously as they are in honors physics.

***Prerequisites:** First semester chemistry grade of 75 or above and teacher/department chair approval. A fourth year math course must be taken concurrently.*

WC4521- Physiology and Anatomy 1 credit College Prep Grade 11, 12

This course is designed for students who are pursuing a career in the Health Industry. The course is an intense lab-oriented curriculum that will introduce the student to the structure

(Anatomy) and function (Physiology) of the human body, as well as the interrelationship of the body organ systems. Health related careers will be explored. Opportunities for shadowing numerous careers will be made available.

Prerequisites: Successful completion of *Physics First, Biology, and approval of the teacher.*

ENGINEERING TECHNOLOGY ACADEMY

WC4011- H. Engineering I (IED) 1 credit Honors Grade 9

This course takes students on a “doing” tour of the discipline of engineering and several of its subdisciplines including mechanical engineering, electrical engineering and computer engineering. Students will learn the engineering design process and computer aided design and apply it to “handson” projects.

WC4021- Engineering II 1 credit Honors Grade 10

The MMM course will deliver an overview of safe usage and specifications of equipment used in the manufacturing industry. Students will develop topical literacy of the history and present-day process of manufacturing. Students will learn to process raw materials through the manipulation of various components and mastery of industrial production equipment. Students will seek to gain tool skills, industry certification and access to technical education pathways.

WC4031- Engineering III 1 credit Honors Grade 11

The MAS course will deliver concepts and applications of circuits, pneumatic systems and programmable logic controllers (PLCs). Students will use a combination of schematics, diagrams and math concepts to discover electricity, magnetism and the control of electromechanical systems. Students will apply learning topics to automated guided vehicles (AGV), computer numerical control (CNC); and computer-integrated manufacturing (CIM).

WC4041 - Engineering IV 1 credit Honors Grade 12

The EA course will ask students apply a broad set of knowledge and skills to a variety of technical problems. Student solutions will utilize a combination of software, hardware, manufacturing tools, and prototypical methods. Students will also use market research, cost-benefit analysis, and an understanding of the design cycle to create and present design, marketing, and business plans for their solutions. *Finally, as an extension of this course, students will complete a capstone project to demonstrate their depth of knowledge of the engineering design process to prepare them for future opportunities in the field of engineering.

WC4511 H. Programming I – Circuits and Coding 1 credit Honors Grade 9 - 12

This computer programming class is an introduction into the basics of electrical engineering. It focuses on the need for and importance of building circuits and combines it with programming in Python using microcontrollers.

WC4531 AP Computer Science Principals 1 credit AP Grade 10-12

AP Computer Science Principles introduces students to the foundational concepts of the field and challenges them to explore how computing and technology can impact the world. **All students registered must take the AP exam in May.**

Prerequisites: Successful completion of Programming I and/or approval of the teacher.

WORLD LANGUAGES DEPARTMENT

Graduation Requirements: All students must take two years of the same world language. *Note: Two years is the minimum requirement; three in the same language is recommended.* All languages are means through which we learn about various peoples – their nations, customs, and attitudes; their contributions to the social, economic, political and religious aspects of life.

Spanish is offered by the Language Department at the levels listed below.

WC5121 – Spanish 1	1 credit	College Prep	Grade 10, 11, 12
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In Spanish 1, students are introduced to the four skills of understanding, speaking, reading and writing the language within a context of appreciation of the culture of Spanish-speaking people and global studies. The emphasis is on development of an active vocabulary so that students may apply it to real-life situations.

WC5211 – Spanish 2 (H)	1 credit	Honors	Grade 10, 11, 12
WC5221 – Spanish 2	1 credit	College Prep	Grade 10, 11, 12

Students continue to study grammatical structures and to concentrate on comprehension of the spoken language along with a continuation of Spanish and Latin American culture.

Prerequisites: Satisfactory completion of Spanish 1 and a teacher recommendation for Spanish 2 (H)

WC5311- Spanish 3 (H)	1 credit	Honors	Grade 11, 12
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The communication skills from previous lessons will continue in the third year. Rather than review, this course will expand on the skill set acquired with an enhanced vocabulary to expand a student's language ability. In addition to oral and written exercises, students will be expected to read and write in the target language. Art, music and the history of various Spanish speaking countries will continue to be studied. Classes will be conducted heavily in the target language.

Prerequisites: Students will be expected to have earned a 90 or better in their first and second year of study. Teacher/department head approval is required.

BUSINESS/TECHNOLOGY DEPARTMENT

Requirements: All students must take a course in Technological Communications I or Technology Applications 1.

WC6021 – Technological Communications I 0.50 credit College Prep Grade 9

In this semester long course, students will use technology as they demonstrate understanding of the basic computer protocols of their school. Students will develop effective communications skills in the use of electronic messaging technologies, will incorporate, identify, and demonstrate effective communication via the Internet. Students will use tools of the twenty-first century student to develop, publish, and collaborate on business, and research-based online documents and will develop presentations using online formats. Students will demonstrate understanding of MLA and APA formatting for research papers. Ethical practices with technology will be the focus of discussions. Students who register for course 606 will also be registered for course 608.

WC6161 – Personal Finance/Business Law 1 credit College Prep Grade 11, 12

Personal Finance concentrates on skills that will enable students to make wise financial decisions in the future. It incorporates topics and concepts such as managing bank accounts, credit and debit cards, consumer purchasing, saving and investing, real estate and other investments, insurance and tax preparation.

Business Law begins with an overview of the development of the American legal system. The course focuses on contractual obligations; the questions of how contracts arise and what are the requirements of a valid contract. Specifically, the students will learn about employment, insurance and consumer contracts.

WC6161 – Principles of Marketing 1 credit College Prep Grade 11 -12

This course explores the entire marketing process. Emphasis is placed on the importance of the 4 Ps—product, place, price, and promotion, and practical applications of the marketing process.

WC7551 - Architecture in Design I .50 credit College Prep Grade 10, 11, 12

Must have had an introductory class before taking this class/ Art 1
Students will explore famous Architects from Frank Lloyd Wright to Frank Gehry. They will learn about the different building styles from Victorian to Modern, students will be able to articulate the differences. The students will create detail drawing using drafting skills to complete their drawings.

Prerequisite: Successful completion of Art 1 and teacher approval.

WC7541- Interior Design .50 credits College Prep Grade 10, 11, 12

Must have had an introductory class before taking this class/ Art 1
Students will learn how to draw furniture, layout design and skills needed in this field. This interior design course will teach you everything you need to know to get started in interior designer. You will learn design trends and history, furniture styles and fabrics, color theory and lighting.

Prerequisite: Successful completion of Art 1 and teacher approval.

WC7531 Spanish Culture and the Arts .50 credit College Prep Grade 10, 11, 12

This course provides an introduction to both the history of Spanish speaking countries and its social and cultural circumstances that focus on the Arts. Students will learn about Spanish Artists: Pablo Picasso, Salvador Dali, Frida Kahlo and Joan Miro. They will also do hands-on projects based on the folk art of the Spanish Culture.

Prerequisite: Successful completion of Art 1 and teacher approval.

WC7511 - Ceramics .50 credits College Prep Grade 10, 11, 12

A hands-on exploration of clay through hand building techniques that covers slab building, hand building, pinch pots, building with coils and introduction to glazing and firing ceramics.

Prerequisite: Successful completion of Art 1 and teacher approval.

WC7521 - Ceramics I .50 credits College Prep Grade 10, 11, 12

A hands-on exploration of clay. Covers slab building, hand building, proportion and figurative work, surface treatment, glazing techniques, the firing process and the history of ceramic sculpture. This course utilizes scale to explore creative expression through the form in space in clay.

Prerequisite: Successful completion of Art 1 and Ceramics I and teacher approval.

MUSIC

WC7031 - Instrumental Brass 1credit CollegePrep 9 -12

This course is intended for students who want to learn a brass instrument. The options include Trumpet, French Horn, Trombone, Baritone Horn, and Tuba. Students will focus on tone production, technique, ear training, and reading music. Students must participate in a minimum of 4 concerts per school year as well as school functions that require music. This course can be taken all 4 years.

WC7071 - Music Theory & Composition 1credit CollegePrep 9-12

Have you ever wanted to compose a song? Or write your own music? This course focuses on learning basic melodic forms and techniques as well as Music Theory (rhythms, notes, chords, intervals, key signatures, time signatures, etc.) Students will compose a melody every week and become familiar with using the piano (or their primary instrument) as a guide for composing. Ear training exercises and Theory based assignments are also part of this course as they will guide the creative process.

WC7081 - Piano Lab 1credit CollegePrep 9-12

This course will teach students basic piano skills as well as simple melodies to play in the right hand and chords in the left. Students will focus on technique, right and left hand coordination, ear training, and reading music.

WC7091 - Concert Band/Orchestra 1credit CollegePrep 9-12

This course focuses on the full ensemble of all instrumentalists. Students will learn to play together in an ensemble and work on blend, section performing, repertoire selection, and conducting. Students must participate in a minimum of 4 concerts per school year as well as school functions that require music.

WC9421 – Theology 4

1 credit

College Prep

Grade 12

Church History: This course is intended to provide a survey of the influence of the Church of Christ on humanity from the time of Jesus to the present Roman Catholic Church of the 21st century. Its particular focus is the ongoing presence of the Holy Spirit who has guided the Church down through the ages. It also addresses the vital role of the Church in the world today. Its purpose is to instill in the student a love for the Church and a desire to be an active follower of Jesus.

Marriage, Family, and Christian Vocation: This course is intended to develop the idea that a Christian vocation is the call to live in Christ Jesus. It examines the way in which marriage, priesthood, religious life, and single life all contribute to the building up of the Kingdom of God. It explores Christian marriage and family in both their theological and practical dimensions. Its purpose is to assist the student in preparing to respond to his/her Christian vocation in life. Special attention is given to the Sacramental aspects of Matrimony and Holy Orders.