



CHRISTIAN BROTHERS ACADEMY



COURSE OF STUDIES – 2022-2023





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Christian Brothers Academy admits students of any race, color, gender, color, ethnic origin, or sexual orientation and does not discriminate in the administration of its educational policies, admission policies, financial assistance programs, and athletic and other school sponsored programs.



Our mission at Christian Brothers Academy is centered around a Catholic Education based on the teachings of St. John Baptist de La Salle. This Catholic Lasallian tradition is at the very heart of the school's academic program and is the foundation of our educational community.

As a college preparatory school, Christian Brothers Academy provides a curriculum that presents a comprehensive view of the various branches of knowledge and their interrelations. The faculty strives to accentuate research and creativity to assist students in developing the powers of observation, imagination, reasoning, tolerance and judgment necessary for growth toward freedom and responsibility.

Students registered at Christian Brothers Academy have "defacto" expressed their willingness to live and abide by the rules of our academic program. Such regulations are meant to insure a quality academic experience for all students. Likewise, while parents are the first teachers of their children, the administration and faculty of Christian Brothers Academy are responsible for all students attending our institution.

General Requirements

1. Students should possess the required textbooks, notebooks, workbooks, calculators, paper, pens, pencils and other tools of learning for classes at all times.
2. Diligent attention should be paid to the teacher and the lesson.
3. Assigned work should be submitted promptly at the time specified by the teacher. Students should anticipate approximately 20 minutes of home study every night for each academic course.
4. Students absent from school must consult with their teachers concerning missed material and testing immediately upon their return to school. Email communication from home is also encouraged.
5. Students should demonstrate a sincere effort to get to school on time each day to attend all classes.
6. Students should observe the classroom rules for good order established by individual teachers.
7. Students are expected to follow the Academic Integrity Policy as outlined in the student handbook.
8. CBA has an Academic Eligibility Policy explained in the student handbook. Students involved in extracurricular activities must be in good academic standing.
9. Students have one complete letter day cycle (Days A-F) to add or drop courses. Students are not permitted to drop courses after 3:00 PM on the last letter day (F) of the first cycle.



GRADING AND REPORT CARDS

- CBA has six marking periods, which are divided into two semesters - fall and spring.
- At the beginning of each course, the instructor will outline his/her grading requirements and policies.
- CBA's passing grade is 70.
- Report cards are published approximately every six weeks. Paper copies are mailed home at the end of each semester. Other times, the report cards are viewable in the myCBA portal.
- Students and parents have continual access to grades online through the myCBA portal.
- Semester academic courses have a semester exam or project that accounts for 25% of the course semester average.
- NYS Regents exams are not factored into student course averages.
- CBA does not double test in courses that culminate in a Regents Exam. In those courses, the second semester average will consist only of the three marking period grades.
- A student who fails one or two classes on the final report card must attend and pass the course in summer school to continue at CBA.
- A student who fails three courses may not continue at CBA but may make a one-time appeal to the Academic Council. (Refer to the Student Handbook for specific details).
- A student who fails more than three courses may not continue at CBA.

CLASS RANK

- Given the academic rigor of the college preparatory curriculum, CBA does not rank its students.

TRANSCRIPTS

- Requests for transcripts and other application materials must be made in writing and submitted to the Guidance Office at least a week in advance of when needed.
- There is a \$2.00 fee for official transcripts being sent to colleges. There is no fee for scholarship applications.
- Unofficial copies of transcripts are available for all students in myCBA.

COURSE AVERAGES

- Semester grades for each course are determined by averaging the three marking period grades and semester exam.
- Final course averages are calculated by averaging the fall and spring semester grades.
- Semester grade point averages (GPA) are weighted, based on the difficulty and credit value of each course.
- To calculate your year GPA:
 - Weight each course's average
 - Add together weighted averages
 - Divide by the number of credits attempted
- Courses are weighted as follows:
 - 1/2 credit courses x .50
 - 3/4 credit courses x .75
 - 1 credit courses x 1.00
 - Honors courses x 1.03
 - AP courses x 1.05

HONORS

Students in grades 9-12 may obtain Honors based on semester grades. Averages are *NOT* rounded up to obtain honors. Students are recognized at our annual Honors Night Ceremony.

- High Honors: 93 semester GPA.
- Honors: 90 semester GPA.

NATIONAL HONOR SOCIETY

- An invitation for membership to the National Honor Society is extended to junior students who have a *5 or 6-semester cumulative* GPA of 93 or higher and to senior students who have a *7-semester cumulative* GPA of 93 or higher. The acceptance of each applicant is based on the four criteria: service, scholarship, leadership and character.
- Transfer students must be at CBA for a minimum of three semesters to qualify for National Honor Society.

CBA DIPLOMA REQUIREMENTS

Students must earn at least 28 credits in high school, regardless of course level. In addition, students must complete 32 hours of Christian Service during their senior year.

Subject Area	Minimum Number of Credits Earned in High School
Religion	3 (.75 per year)
English	4
Social Studies	4
Mathematics	4
Science	3
Languages Other Than English (LOTE)	2
Visual Arts, Music, or Performing Arts	1
Physical Education	2 (.5 per year)
Health	.5
Writing	.5
Electives	4
TOTAL	28*

** All students taking courses that have a corresponding Regents exam must take the exam to earn credit for the course. All students taking Advanced Placement (AP) courses must take the corresponding AP exam to earn credit for the course.*

*** In addition to the requirements for a CBA diploma, students are strongly encouraged to complete the requirements for a NYS Regents diploma with Advanced Designation.*



NEW YORK STATE DIPLOMA REQUIREMENTS

The criteria for a CBA diploma exceeds the credit requirements for New York State. The credit requirements for NYS diplomas (regular and advanced designation) are as follows:

Subject Area	Minimum Number of Credits Earned in High School
English	4
Social Studies—Distributed as follows: Global History and Geography (2) U.S. History (1) Participation in Government (.5) Economics (.5)	4
Science—Distributed as follows: Life Science (1) Physical Science (1) Life or Physical Science (1)	3
Mathematics	3
Languages Other Than English (LOTE)	1
Visual Arts, Music, or Performing Arts	1
Physical Education (participation required every semester)	2
Health	.5
Electives	3.5
TOTAL	22

In addition, students must pass the following Regents exams [with a minimum score of 65] to meet the diploma requirements:

Assessments Required for a Regents Diploma:

1 English (ELA), 1 Math, 1 Science, 1 Social Studies, plus 1 additional Regents exam.

Assessment Combinations for Advanced Designation (available at CBA):

- **Traditional Combination:** 1 English (ELA), 2 social studies (Global History & Geography, U.S. History & Government), 3 Math (Algebra, Geometry, Algebra II), 2 Science (1 life science, 1 physical science), plus the LOTE (Languages Other Than English) exam.
- **STEM (Science) Combination:** 1 English (ELA), 1 social studies (Global History & Geography or U.S. History & Government), 3 math (Algebra, Geometry, Algebra II), 3 science (at least 1 life science and 1 physical science), plus the LOTE (Languages Other Than English) exam.

Special Endorsements:

Honors: Earned when a student obtains a computed average of 90 on the Regents exams applicable to either a Regents or Regents with Advanced Designation diploma. The LOTE exam is not included.

Mastery in Math and/or Science: Earned when a student obtains a score of 85 or better on the 3 math and/or 3 science Regents exams.

Career Pathways

Christian Brothers Academy's academic philosophy is built upon a liberal arts tradition. The liberal arts tradition seeks to build life-long learners with an appreciation for a breadth of topics while developing the ability to critically think and analyze. Students are taught to articulate and communicate through the mastery of written and oratory skills. The CBA graduate is academically well-rounded and excels in his/her ability to write, speak and critically reason.

Within the liberal arts tradition, CBA offers numerous opportunities for students to prepare for particular fields of interest. CBA students may follow one of six pre-suggested "Pathways," or create their own course of studies to meet their educational needs and interests. Students' high school curricular choices provide the focus and foundation of academic skills and knowledge needed to pursue specific majors in college. We encourage students to choose courses, electives, and extra-curricular activities to enrich their education and provide a pathway to career and college opportunities. In addition, students are encouraged to explore career fields through their volunteer service activities. Students should also investigate summer internships, seminars, and programs that offer hands-on learning experiences as well as opportunities to interact with professionals in their field of interest. Students should consult with the Counseling and Student Services Department for additional opportunities for internships, seminars, summer programs, or additional hands-on learning experiences outside of the school curriculum.

The following "Pathways" have been pre-designed to prepare students to enter a specific area of study at the collegiate level. The "Pathways" contain suggested courses and extracurricular activities that were developed to increase college readiness in an area of study and align with the expectations of colleges in their admissions process. "Pathways" are suggested areas of study, but they should not take away from the goal of a well-rounded education that molds together the arts, spiritual development, and leisure activities.





PRE-MEDICINE, HEALTH AND BIOSCIENCES PATHWAY

Potential Career Areas:

Athletic Training, Dentistry, Environmental Science, Forensic Science, Global Health Policy, Health Systems Administration, Medicine, Nursing, Nutrition, Occupational Therapy, Pharmacy, Physical Therapy, Psychology, Scientific Research, Speech Therapy.

In addition to the standard graduation requirements, pre-medicine students are advised to consider taking the following courses:

- AP Biology
- AP Calculus AB
- AP Chemistry
- AP English Language & Composition
- AP Physics
- AP Psychology
- AP Statistics

- Advanced Physics Honors
- Anatomy & Physiology
- Calculus
- Latin I & Latin II
- Physics
- Sociology

- Public Health (Online Format)
- Renewable Energy (Online Format)
- Marine Biology (Online Format)
- Plus additional online electives (see page 41)*

In addition to these courses, students should consider involvement in the following extracurricular activities:

- Chess Club
- Envirothon Outdoor Competition Team
- Greenhouse Club
- Latin Club
- Math Competition Team
- Science Olympiad
- SciExcite
- VEX Robotics Competition Team



PRE-ENGINEERING, COMPUTER SCIENCE PATHWAY

Potential Career Areas:

Aerospace, Architectural, Biomedical, Civil, Computer, Electrical, Industrial, Petroleum and Software.
 Other Career Areas: Big Data Science, Computer Programming, Computer Forensics, Cyber Security, Film Animation, Graphic Design, Environmental Science, Information Technology, Smart Manufacturing, Web Design.

In addition to the standard graduation requirements, pre-engineering students are advised to take the following courses:

- AP Calculus AB
- AP Chemistry
- AP English Language & Composition
- AP English Literature & Composition
- AP Environmental Science
- AP Physics
- AP Statistics

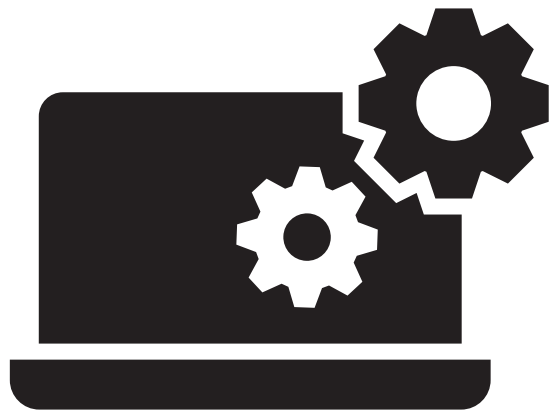
- Advanced Physics Honors
- Calculus
- Engineering I & II
- Physics
- Studio Art I & II
- Studio in Ceramics I & II

- AP Computer Science A (Online Format)
- Computer Programming: Alice (Online Format)
- Web Design (Online Format)

Plus additional online electives (see page 41)

In addition to these courses, students should consider involvement in the following extracurricular activities:

- Art Club
- Latin Club
- Math Competition Team
- VEX Robotics Competition Team
- Science Olympiad





PRE-BUSINESS PATHWAY

Potential Career Areas:

Accounting, Advertising, Economics, Event Planning, Finance, Information Technology, Human Resources, Economics, Market Research and Public Relations.

In addition to the standard graduation requirements, pre-business students are advised to explore the following courses:

- AP Calculus AB
- AP English Language & Composition
- AP English Literature and Composition
- AP French Language
- AP French Literature
- AP Psychology
- AP Statistics
- AP Spanish Language
- AP Spanish Literature
- AP US History
- AP World History
- AP US Government and Politics
- AP European History

- Calculus
- Communications & Public Speaking
- Introduction to Business/Introduction to Finance
- Spanish IV Honors

- Accounting (Online Format)
- AP Economics (Online Format)
- Business Law (Online Format)
- Intro to Hospitality and Tourism (Online Format)
- Web Design (Online Format)

Plus additional online electives (see page 41)

In addition to these courses, students should consider involvement in the following extracurricular activities:

- French Club
- Multicultural Club
- Social Media and Marketing Club
- Spanish Club
- Yearbook



PRE-LAW PATHWAY

Potential Career Areas:

Compliance, Criminal Justice, Human Resources, Law, Library Science, Lobbying, Politics, Public Policy, Real Estate, Social Services, Urban Planning.

In addition to the standard graduation requirements, pre-law students are advised to take the following courses:

- AP American History
- AP French Language
- AP French Literature
- AP English Language and Composition
- AP Psychology
- AP Spanish Language
- AP Spanish Literature
- AP US Government and Politics
- AP World History
- AP European History

- Communications & Public Speaking
- Creative Writing
- Forensic Science
- Latin I & II
- Living Shakespeare

Business Law (Online Format)

Plus additional online electives (see page 41)

In addition to these courses, students should consider involvement in the following extracurricular activities:

- Book Club
- Debate Club
- Mock Trial
- Model United Nations
- Multicultural Club
- Student Senate
- The Underground Literary Magazine
- Writer's Guild



RELIGION, EDUCATION & HUMAN SERVICES PATHWAY

Potential Career Areas:

Curator, Education, Counseling, Public Policy, Social Work, Vowed Religious Life, Women and Gender Studies.

In addition to the standard graduation requirements, religious studies students are advised to take the following courses:

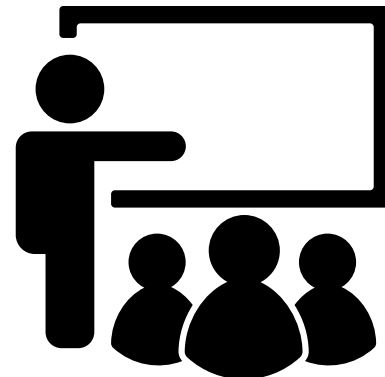
AP English Language and Composition
 AP English Literature & Composition
 AP Psychology
 AP US History
 AP US Government
 AP World History

Communications & Public Speaking
 Latin I
 Latin II
 Philosophy
 Sociology

Plus additional online electives (see page 41)

In addition to these courses, students should consider involvement in the following extracurricular activities:

Campus Ministry
 Debate Club
 Jubilee Liturgical Music Ministry
 Junior High Lasallian Service Group
 Lasallian Youth Service Group
 Peer Mentoring
 Upper Room Christian Faith Formation Group



CREATIVE ARTS PATHWAY

Potential Career Areas:

Advertising, Animation/Production, Arts Education, Broadcasting, Creative Writing, Dance, Graphic Design, Illustration, Journalism, Music, Photography, Theater.

In addition to the standard graduation requirements, visual and performing arts students are advised to take the following courses:

AP English Language and Composition
 AP English Literature and Composition
 AP Studio Art

Communications & Public Speaking
 Creative Writing
 Living Shakespeare

Music Theory with Computer Applications
 Orchestra
 Senior High Band
 Senior High Chorus

Advanced Studio Art
 Studio Art I & II
 Studio in Ceramics I & II

AP Music Theory (Online Format)
 AP Art History (Online Format)
 Contemporary Novels (Online Format)
 Digital Photography (Online Format)
 Journalism (Online Format)
 Music Appreciation (Online Format)
 Music Theory (Online Format)
 Theatre, Cinema, Film Production (Online Format)

Plus additional online electives (see page 41)

In addition to these courses, students should consider involvement in the following extracurricular activities:

Advanced Orchestra
 Anime Club
 Art Club
 Book Club
 Brothers' News Network Video Production
 Ceramics Club
 Fall Drama Club
 Jazz Ensemble
 Jubilee Liturgical Music Ministry
 Photography Club
 Salsa Club
 Select Chorus
 Social Media & Marketing Club
 Spring Musical Club
 The Monthly Brother Newspaper
 The Underground Literary Magazine
 Writer's Guild
 Yearbook





	7th Grade	8th Grade	9th Grade
English	English 7 <i>and</i> Writing 7	English 8	English 9 English 9 Honors <i>and</i> Writing 9
Fine Arts	Art 7	Music 8	
Health	Health 7		Health 9
Physical Education	Physical Education 7	Physical Education 8	Physical Education 9
Math	Math 7 Enriched Math 7 Accelerated	Math 8 Algebra Honors	Algebra Geometry Honors
Religion	Religion 7	Religion 8	Religion 9
Technology		Computer 8	
Science	Science 7	Biology	Earth Science Earth Science Honors
Social Studies	Social Studies 7	Social Studies 8	Global History I Global History I Honors
World Languages	French 7 Spanish 7	French I Spanish I	French II French II Honors Spanish II Spanish II Honors
Additional Fine Arts Offerings	Junior High Band Junior High Chorus Orchestra	Junior High Band Junior High Chorus Orchestra Visual Art 8	Senior High Band Senior High Chorus Orchestra Visual Art 9

	10th Grade	11th Grade	12th Grade
English	English 10 English 10 Honors	American Literature Advanced Placement (AP) Language and Composition	Contemporary Literature Living Shakespeare (Honors) Advanced Placement (AP) Literature and Composition
Fine Arts	Studio Art I Music Theory		
Physical Education	Physical Education 10	Physical Education 11	Physical Education 12
Math	Geometry Algebra II Algebra II Honors	Algebra II Pre-Calculus Analysis and Differential Calculus Honors	Intro to College Algebra Precalculus Calculus Advanced Placement Calculus
Religion	Religion 10	Religion 11	Religion 12
Science	Chemistry Advanced Chemistry Advanced Chemistry Honors	Electives	Electives
Social Studies	Global History II Global History II Honors Advanced Placement (AP) World History	Advanced Placement United States History United States History	Participation in Government/ Economics Advanced Placement United States Government and Politics
World Languages	Spanish III Spanish III Honors French III French III Honors		
Electives	Senior High Band Senior High Chorus Orchestra	Juniors must take 2 electives from the Junior Elective List	Seniors must take 2 electives from the Senior Elective List. Seniors may take a third elec- tive.
Additional Fine Arts Offerings	Senior High Band Senior High Chorus Orchestra	Senior High Band Senior High Chorus Orchestra	Senior High Band Senior High Chorus Orchestra



	<i>Junior Elective Courses</i>	<i>Senior Elective Courses</i>
	Juniors must take 2 electives from the Junior Elective List	Seniors must take 2 electives from the Senior Elective List and may add an optional third elective.
English	Communications/Public Speaking Digital Storytelling	Creative Writing Communication & Public Speaking
Fine Arts	Studio in Ceramics I Studio Art II	Advanced Studio Art Advanced Placement Studio Art Studio in Ceramics I Studio in Ceramics II
Math	Advanced Placement Statistics	Advanced Placement Statistics
Science	Advanced Placement Biology Advanced Placement Chemistry Advanced Placement Environmental Science Advanced Placement Physics Advanced Physics Honors Anatomy and Physiology Forensic Science Meteorology and Astronomy Physics	Advanced Placement Biology Advanced Placement Chemistry Advanced Placement Environmental Science Advanced Placement Physics C Advanced Placement Physics Advanced Physics Honors Anatomy and Physiology Forensic Science Meteorology and Astronomy Physics
Social Studies	Advanced Placement Psychology Philosophy Sociology	Advanced Placement European History Advanced Placement Psychology Philosophy Sociology
Technology	Engineering I: Drawing and Design	Engineering I: Drawing and Design Engineering II
World Languages	Spanish IV Honors AP Spanish French IV Honors Latin I	Spanish V Honors Advanced Placement French Language Advanced Placement Spanish Language Advanced Placement Spanish Literature Latin I Latin II
Additional Electives	Introduction to Business/Introduction to Finance <i>Online Courses – see page 41</i>	Introduction to Business/Introduction to Finance <i>Online Courses – see page 41</i>

CBA teachers and school administration begin the student placement process for each school year early in the second semester. Teachers' course placement recommendations are based on student performance (*not potential*) during the current year. All subject area teachers use the following criteria, to determine the most appropriate level for each student. Teachers review all placement recommendations at the end of the school year. Final course placement decisions rest with the department chairpersons and administration.

Course Placement Criteria

1. Students must demonstrate exceptional reading, writing and critical thinking skills to take an honors level course in English, social studies, or language. Writing and critical thinking skills must be above average to take an honors level course in mathematics or science. Students may be asked to submit a formal sample of their written work.
2. Students must consistently demonstrate independent learning qualities and readiness (self-starter, organization, preparedness) beyond the basic requirements of the class.
3. Students must demonstrate a strong work ethic and personal responsibility, as evidenced by conduct in class, homework grades, motivation and overall effort, to take an honors level course in the particular subject area the following year.
4. Students must demonstrate academic consistency, as evidenced by individual marking period, midterm and final exam grades.
5. Students must have at least a 93 average to be considered for an Honors level course for the next year.
6. Students must have **at least** an 85-90 average to remain in an Honors-level or AP course.
7. Students must have departmental approval for all Advanced Placement (AP) courses.



***Student Procedures for Course Selection***

1. Read and discuss this Course of Studies booklet with your parents, paying particular attention to the following:
 - CBA graduation requirements
 - New York State Regents diploma requirements
 - Course descriptions
 - Course placement criteria
2. Attend the guidance presentation on course placement and scheduling.
3. Review the "Course-Placement Form" during the counseling presentation. If you have any questions about course placements, please see your current teacher.
4. Review your required course placements and take the "Course-Placement Form" home for parental approval.
5. Return the approved and signed "Course-Placement Form" to the Counseling Office by the due date indicated.
6. If you or your parents have a question about placements, **YOU MUST FIRST SPEAK WITH YOUR TEACHER.** If after speaking with the teacher, you still have questions, or feel that a different placement should be considered, please contact the Assistant Principal for Academic Affairs by April 6, 2022. No changes will be made to course placements without teacher and administrative approval.

Additional Scheduling Information

1. Be aware that student performance for the remainder of the year, along with final exam grades, may cause a change in electives and/or course levels for the following year.
2. CBA reserves the right to cancel any class due to insufficient enrollment.
3. Every effort will be made to schedule students into their first-choice electives. In the event that a conflict occurs or a class is cancelled, students will automatically be scheduled into their alternative selections.
4. All schedule changes must be made before the end of the official add/drop period which is one cycle from the first day of classes.
5. Course changes will not be honored for teacher preference.
6. Final placement of students ultimately rests with the school administration.

LANGUAGE ARTS 7

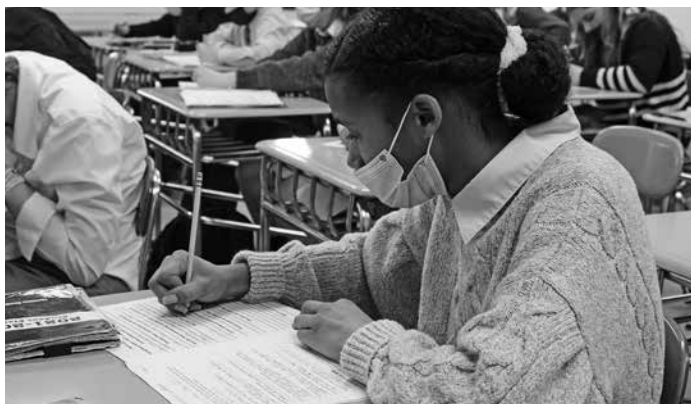
Full Year | 1 Credit | Grade 7

In this year-long course, students will be exposed to a variety of different types of literature. Students will interpret and analyze information from textbooks, nonfiction books and novels for young adults. Through defining and analyzing literary terms while studying various works, they will begin to comprehend and write at a higher level. Students are encouraged to express creativity and develop an appreciation of reading through the experiences provided in this course. Many projects throughout the year are designed to facilitate the integration of knowledge and ideas across the curriculum. By the end of this course, students will be able to express ideas in a range of mediums. They will be encouraged to hone the craft and structure of their learning. A focus on evidence-supported writing is the major theme in this class. Studies and work in a structured vocabulary program, are also an integral part of this course.

WRITING 7

One Semester | ½ Credit | Grade 7

The primary focus of this course is to show students the process of writing while examining the different styles of writing. Students will be taught how to write persuasively, descriptively, informatively and creatively. In addition, students will practice the skills necessary to edit their own work and act as peer editors for their classmates. The focus of this course is academic writing that includes research and source citation skills. Extensive practice and review of planning, outlining and organizing for writing an academic-worthy paper is also a main component of this class. Grammar, mechanics and usage rules are reviewed as well. This course is designed to aid students in their writing across all of CBA's curriculum.



LANGUAGE ARTS 8

Full Year | 1 Credit | Grade 8

This is a continuation of Language Arts 7 where students further their study of a variety of literary genres and begin to develop a higher level vocabulary and more in-depth critical thinking skills. Emphasis is placed on novel study, non-fiction and drama. Short story readings will include pieces by Poe and Hughes, *The Diary of Anne Frank*, as well as a variety of novels written by award winning authors such as Lois Lowry and John Steinbeck. Students complete units on vocabulary, note taking and text annotation. An in-depth research project is completed throughout the year in conjunction with the Counseling Department.

WRITING 9

One Semester | 1 Credit | Grade 9

Writing 9 is a one semester course focusing on academic writing skills. Students will practice using proper grammar and developing their own style through various writing assignments, focusing on clear description and effective use of evidence to craft clear arguments. This course is designed to supplement all high school courses requiring students to write clearly developed essays. Students will practice both MLA and APA formatting for research papers.

ENGLISH 9

Full Year | 1 Credit | Grade 9

The search for identity is a focus in this course, where students begin to apply a more critical analysis to literature in a variety of forms: drama, poetry, short story, novel and essay. Classic works such as *Romeo and Juliet*, *To Kill a Mockingbird*, *A Raisin in the Sun* and *The Lord of the Flies* are studied in depth. Attention is given to vocabulary as it relates to reading comprehension and precise writing. The course also emphasizes the skills of written composition, sentence structure, usage and spelling. Public speaking and presentation skills are developed throughout the course.

ENGLISH 9 HONORS

Full Year | 1 Credit | Grade 9

In addition to the topics in English 9, this honors level course will engage students in extensive reading, writing and critical thinking activities. Students must demonstrate high levels of motivation, organization and independence while applying themselves to a variety of



work including essays, creative writing, presentations, discussions and thorough analysis. Authors studied include Poe, Thurber, Connell, Saki and Hurst, among others. Longer works include *Inherit the Wind*, *Lord of the Flies*, *The House on Mango Street*, *A Raisin in the Sun*, *To Kill a Mockingbird* and *Romeo and Juliet*. Particular focus is placed on developing the writer's voice with an emphasis on style.

ENGLISH 10

Full Year | 1 Credit | Grade 10

The primary focus of this course is the critical interpretation of literature through the reading of novels, short stories, dramas, poems and pieces of nonfiction. Students read several works of extended fiction and drama, including *The Catcher in the Rye*, *Antigone*, *Julius Caesar* and *Things Fall Apart*, all viewed through the prism of the Heroic monomyth. In addition, students will continue to refine their critical thinking and writing skills through various essay and creative writing assignments. Students will practice public speaking skills through speeches and presentations.

ENGLISH 10 HONORS

Full Year | 1 Credit | Grade 10

In addition to the topics covered in English 10, this course combines literature and grammar with an intensive program in reading, adding titles such as *The Color of Water* to the reading list. Students are engaged in a variety of reading assignments, exposing them to many diverse authors and writing styles. Writing skills are stressed with a particular emphasis on critical essays. In addition, speaking skills are further developed with a focus on informative presentations.

ADVANCED PLACEMENT LANGUAGE AND COMPOSITION

Full Year | 1 Credit | Grade 11

The AP English Language and Composition course is a college-level course aimed at improving students' reading and rhetorical skills. Students will study the interactions between the writer's purposes, audience expectations and subjects, as well as the way generic conventions and the resources of language contribute to effective writing. This AP course emphasizes expository, analytical and argumentative writing, as well as reflective writing that fosters the ability to write in any context. The course culminates in students taking the AP Exam.

AMERICAN LITERATURE

Full Year | 1 Credit | Grade 11

English 11 surveys American Literature and acquaints students with works arranged chronologically within a historical context. Students read several works of extended fiction and drama including *The Scarlet Letter*, *The Crucible* and *The Great Gatsby*. There is also a strong non-fiction component as students study various pieces of historical writing. Students complete several research-based papers along with preparing for the SATs, the ACTs, as well as the NYS Regents exam. Emphasis is placed on student understanding, critical analysis and writing skills.

CONTEMPORARY LITERATURE

Full Year | 1 Credit | Grade 12

Contemporary Literature is an intensive study of current global literature that explores and focuses on literature of the 20th century to the present. The course is designed for students to compare classic and contemporary pieces as well look at modern pieces and make connections between the text and real life. Emphasis is placed on a year long inquiry based research project designed to promote students' critical thinking and analysis skills in relation to current topics and themes in literature as well as building writing skills necessary for college composition.



ENGLISH 12 HONORS: LIVING SHAKESPEARE

Full Year | 1 Credit | Grade 12

Living Shakespeare serves as the Honors level English class for seniors. The course is a year-long immersion into Shakespeare's world through an active approach. Areas of study span a wide range: Shakespeare's life; the cultural, social and political climate of Elizabethan England; theater in Shakespeare's time, with emphasis on the Globe Theater and its impact on Shakespeare's work; Shakespeare on film, including alternative productions of his plays; and Shakespeare's sonnets, comedies and tragedies, with a brief treatment of his historical/political plays. Particular attention is focused on *A Midsummer Night's Dream*, *The Comedy of Errors*, *Macbeth* and *Hamlet*. Students will conduct research, develop a college-level writing style and think critically. Most importantly, students will engage in the study of Shakespeare in a lively manner leading to an intimate understanding of his works and an appreciation for his artistry. To that end students will deliver sonnets, perform a monologue and engage in scenes throughout the course in a supportive and empowering environment.

ADVANCED PLACEMENT LITERATURE AND COMPOSITION

Full Year | 1 credit | Grade 12

Advanced Placement English Literature engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of texts from several genres from the sixteenth to the twenty-first centuries, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes as well as such smaller scale elements as the use of figurative language, imagery, symbolism and tone. Enrollment in this class signifies that a student has qualified for and has chosen to forego 12th Grade English and wishes to take a college level literature and composition class. The course culminates in students taking the AP Exam.

CREATIVE WRITING

Full Year | 1 Credit | Grade 12

The Creative Writing course has the development of student creative writing as its center. Students are expected to devote themselves to becoming better writers and poets. To achieve this the course involves the study of writing as a craft as well as the reading, analysis and discussion of poetry, literature and plays spanning several eras. Students will write personal narrative, poetry in several forms (narrative, sonnet, villanelle, visual-arts influenced, etc.), one-act plays, flash fiction and short stories. Students will support one another through workshop sessions that create a cohesive writing community, not just a class. Students will submit their work to various contests and for publication.





ART 7

One Semester | ½ Credit | Grade 7

This course is a foundation art course to develop visual intelligence, critical thinking, self-expression, project management and studio skills. Students will explore a variety of materials, themes and techniques in drawing, painting and ceramics in a hands-on, collaborative studio. An arts-based research approach to learning will encourage students to create, present, reflect, respond and refine their knowledge of the elements and principles of art and design and make historical and interdisciplinary connections. Students will also have the opportunity to participate in various art contests and exhibits.

VISUAL ART EXPLORATION

Full Year | ½ Credit | Grades 8 & 9

This elective course for curious and collaborative art students will provide ways to explore, express and solve problems creatively. Students will use a variety of materials including drawing, painting, printmaking, ceramics and new media. This course will stimulate imagination and strengthen knowledge of the elements of art, principles of design, processes and techniques. Students will explore historical and contemporary artists and cultures to inspire new relevant and meaningful works of art.

STUDIO ART I

Full Year | 1 Credit | Grade 10 & 11

This entry level art course is designed as the first step in a three year series in fine and applied art. It begins with a comprehensive study of basic drawing, form and value principles. These are explored in a variety of media which may include, but not limited to, graphite, charcoal, watercolor and acrylic. Understandings of composition, perspective, color theory and cohesive picture making are also primary goals.

STUDIO ART II

Full Year | 1 Credit | Grades 11 & 12

This secondary studio class continues to present and re-emphasize the principles introduced in Studio Art I. Not only will students continue honing their technical skills and craftsmanship, but they will also find an individual voice for themselves within the wide range and diversity that constitutes art being created today. By studying old master techniques and then being exposed to currently practicing artists, these students can begin to get a feeling for their own unique views and personal aesthetics. This will be seen most strongly in the development of an art portfolio.

Prerequisite: Studio Art I & teacher recommendation.

ADVANCED STUDIO ART AND DESIGN

Full Year | 1 Credit | Grades 12

This diversified art class continues to emphasize the formation of a college-ready portfolio, but also takes time to explore some of the more applied areas of art. Students will be free to experiment with photography, illustration, graphic design and assemblage sculpture.

Prerequisite: Studio Art II or teacher Recommendation.

ADVANCED PLACEMENT STUDIO ART AND DESIGN

Full Year | 1 Credit | Grade 12

Exceptional art students may opt to take AP Studio in lieu of Advanced Studio to complete their sequence in art as well as to attempt to acquire college credit. The goals of AP Studio Art are to bring the students' creativity, understanding of formal and conceptual issues and the development of their technical skills to mastery level. This highly intense class will require out-of-class studio time, group and individual field trips to local galleries and museums and disciplined personal focus. The course culminates in students taking the AP Exam.

Prerequisite: Studio Art sequence

**Junior High Art Club & Senior High Art Club
are offered as after school activities.**

STUDIO IN CERAMICS I

Full Year | 1 Credit | Grades 11 & 12

This course is designed for students interested in working with clay. Students will be introduced to hand building techniques, glazing, wheel throwing, kiln loading and firing and basic concepts of three dimensional designs. Ceramic students will create a variety of pieces from expressive sculpture to utilitarian pottery. As students advance, more freedom and exploration of original ideas will be encouraged.

Prerequisite: Studio Art I

STUDIO IN CERAMICS II

Full Year | 1 Credit | Grades 11 & 12

This second year ceramics course continues to explore the history of ceramics, hand building, wheel throwing and glazing techniques. Ceramics II is a more conceptual course. Students will have the opportunity to work out creative ideas through their knowledge of the elements and principles of design and originality of personal creative expression in clay will be encouraged. Students will expand competency in clay construction methods, surface treatments, glazing techniques and hands-on experience with kiln loading and firing.



INTRODUCTION TO MUSIC

One Semester | ½ Credit | Grade 8

This course offers a look at music and its progression over time leading up to music of today. Through classroom activities, students will learn how to listen for certain characteristics of the many genres of music and will be able to have meaningful discussions on those characteristics. Students may experience some of the classroom musical instruments in a "hands on" fashion. In addition, an emphasis will be placed on organizational skills which will help to provide a lifetime of benefits. A look at music as a science will also be explored.

MUSIC THEORY WITH COMPUTER APPLICATIONS

Full Year | 1 Credit | Grade 10

This full-year course will introduce students to the basic structure of music, including notation, scales, key signatures, chords, rhythm, harmony and melody. Students will utilize MIDI keyboards, computer programs and the internet to apply their knowledge. Students will also learn to compose, sequence and arrange songs using computer technology and various music software programs. Other applications integrating music and technology will also be studied. No previous musical experience is necessary, just a desire to learn.





JUNIOR HIGH CHORUS

Full Year | ½ Credit | Grades 7 & 8

Junior High Chorus provides students in grades 7-8 the opportunity to participate in a large vocal ensemble while acquainting students with a wide variety of choral literature that will develop musical concepts and performance skills. Eligibility is based on previous experience and a possible audition. Participation in yearly concerts is mandatory.

Alternate Days

JUNIOR HIGH BAND

Full Year | ½ Credit | Grades 7 & 8

Junior High Band provides a forum for students in grades 7-8 to achieve proficiency on an instrument through participation in rehearsals, lessons and concerts during the year. Eligibility is based on previous experience, a possible audition and/or recommendation from a previous instructor. Participation in yearly concerts is mandatory.

Alternate Days

ORCHESTRA

Full Year | ¾ Credit | Grades 7 - 12

Orchestra provides an experience for students in grades 7 - 12 to achieve proficiency on string instruments through participation in rehearsals and lessons. The orchestra offers students a hands-on opportunity to recreate some of the masterworks by those composers considered the greatest in music. Students will participate in yearly concerts as well as community events. Orchestra meets twice a week before regular school hours.

SENIOR HIGH CHORUS

Full Year | ½ Credit | Grades 9 - 12

Senior High Chorus provides students in grades 9-12 the opportunity to participate in a large vocal ensemble while acquainting students with a wide variety of choral literature that will develop musical concepts and performance skills. Eligibility is based on prior experience, a possible audition and/or recommendation from a previous teacher.

Alternate Days

SENIOR HIGH BAND

Full Year | ½ Credit | Grades 9 - 12

Senior High Band provides a forum for students in grades 9-12 to achieve proficiency on an instrument through participation in rehearsals, lessons and concerts during the year. Eligibility is based on previous experience, a possible audition and/or recommendation from a previous instructor. Participation in yearly concerts is mandatory.

Alternate Days

Jazz Band and Select Chorus are offered as after school activities. These musical groups are open to students in grades 7 - 12.



HEALTH 7

One Semester | ½ Credit | Grade 7

Health 7 is a one-semester introductory course that encourages students to become active partners in maintaining and improving their level of wellness. It assists students in shaping values and convictions that will be of benefit to them over their lifetimes. The course addresses the topics of nutrition, fitness, self-esteem, alcohol/drug education, communication skills, exercise, consumer awareness, tobacco use, disease prevention and basic first aid. Additional topics may be included.

HEALTH 9

One Semester | ½ Credit | Grade 9

Health 9 emphasizes personal wellness with an emphasis on informed decision making. This course will develop students' appreciation for a wellness approach to life and encourage them to set individual wellness goals. Topics include, but are not limited to mental health, nutrition, physical fitness, human sexuality, substance abuse, current health problems, media influence, stress management and basic first aid.



PHYSICAL EDUCATION 7/8

Full Year | ½ Credit | Grades 7 & 8

The grade 7 curriculum emphasizes increased motor and manipulative skills. The basic game rules for a variety of individual and team sports will be taught. The grade 8 curriculum further develops volleyball and basketball skills. Students develop a personal fitness plan and complete the Presidential Fitness Test. Cooperative sports, games and F.I.T. (frequency, intensity and time) principles are introduced. Students also learn how to properly use a heart rate monitoring device.

Alternate Days

PHYSICAL EDUCATION 9/10

Full Year | ½ Credit | Grades 9 & 10

The grade 9/10 curriculum focuses on game strategies and complex team play. Topics include, but are not limited to, soccer, softball, volleyball and badminton. Students continue to utilize the F.I.T. (frequency, intensity and time) principles to further develop and monitor their personal fitness level. The use of heart rate monitors is increased at these grade levels to help the student learn what level of physical activity is needed to reach a healthy fitness state.

Alternate Days

PHYSICAL EDUCATION 11/12

Full Year | ½ Credit | Grades 11 & 12

The goal of the 11/12 curriculums is to prepare students for a lifetime of continued physical activity. The course will focus on life-long sports and activities. Topics include, but are not limited to, tennis, golf, fitness walking, weight lifting and aerobics. As part of the course, students will design their own personal fitness program.

Alternate Days



ENRICHED MATH 7

Full Year | 1 Credit | Grade 7

This course follows a regular seventh grade program as outlined in the New York State Mathematics Curriculum. The emphasis of this course is to have each student demonstrate proficiency with basic computational skills in working with whole numbers, decimals, fractions, percents and integers, as well as to acquire facility with basic geometric skills, geometric concepts, statistics, coordinate geometry and probability. Basic algebra skills, problem solving and application are incorporated into the instruction of the different areas of mathematical concepts during the course of the year. Enrichment is added to this course.

MATH 7 ACCELERATED

Full Year | 1 Credit | Grade 7

This course builds on previous computational mathematics and expands to emphasize pre-algebra skills. Students will explore different concepts through investigative and problem solving techniques to develop critical thinking. The students will be prepared to begin the study of high school mathematics at the completion of this course.

Prerequisite: Department recommendation based on entrance exam scores

MATH 8

Full Year | 1 Credit | Grade 8

This course follows the New York State Mathematics Core Curriculum. Topics include mathematical reasoning, number and numeration, operations, modeling and multiple representations, measurement, geometry concepts, probability, patterns and functions. A scientific calculator is used in this course. Upon completion of this course, the student will be prepared to successfully begin the study of high school mathematics.

ALGEBRA 1 HONORS (ACC. 8TH)

Full Year | 1 Credit | Grade 8

This course is designed and offered to those eighth-grade students who have demonstrated superior achievement in mathematics in their previous mathematics course and who show the ability to learn at an accelerated pace. Prerequisite skills are integrated into new concepts and mathematics is applied to real-world situations. Topics covered include: linear expressions, equations, inequalities, functions, properties, graphs, arithmetic sequences, systems of equations and inequalities, exponents, exponential functions, geometric sequences, polynomials, quadratic functions, roots, radical expressions, the Pythagorean Theorem, statistics, graphical displays, and modeling functions. The Ti-Nspire CX II graphing calculator is required and integrated into this course. Students will take the NYS Algebra I (Common Core) Regents Exam in June.

Prerequisite: Department recommendation

ALGEBRA 1

Full Year | 1 Credit | Grade 9

Algebra focuses on developing a conceptual understanding of mathematics, applying mathematical modeling to real world applications and integrating prerequisite skills into new concepts. The list of topics to be covered in Algebra are the building blocks of Algebra, linear expressions, equations and inequalities, functions, notation, properties and graphs, arithmetic sequences, systems of equations and inequalities, exponents, exponential functions and geometric sequences, polynomials and quadratic functions and roots, radical expressions, equations and Pythagorean Theorem, statistics and graphical displays and modeling functions. The use of the graphing calculator is integrated into this course. Students will take the NYS Algebra I (Common Core) Regents exam in June.

GEOMETRY HONORS

Full Year | 1 Credit | Grade 9

This course is designed for recommended students of exceptional mathematical ability who have excelled in all previous math courses. The course goes beyond the normal geometry core curriculum to include more in-depth study of geometry concepts using advanced algebra.

The list of topics to be covered in Geometry Honors is congruence, proofs and constructions, similarity, proofs and Trigonometry, extending objects to three dimensions, connecting Algebra and Geometry through Coordinate Geometry and circles with and without coordinates. The use of a graphing calculator is incorporated into this course. Students will take the NYS Geometry (Common Core) Regents exam in June.

GEOMETRY

Full Year | 1 Credit | Grade 10

This course is designed for most tenth grade students. The topics include, but are not limited to, concepts of transformations, similarity NYS Common Core Regents Exam, plane geometry, trigonometry of a right triangle, constructions and a thorough study of geometric proofs. The use of a graphing calculator is incorporated into this course. Students will take the NYS Regents exam at the end of course completion.

ALGEBRA II HONORS

Full Year | 1 Credit | Grade 10

The honors-level course will explore Algebra II topics with a more in-depth approach and at a more accelerated pace. Topics include: relations, linear, radical, quadratic, polynomial, rational, exponential, logarithmic and trigonometric functions, complex numbers, probability, and statistics. Additional topics will be covered as time allows. The Ti-Nspire CX graphing calculator is required and integrated into this course. Students will take the NYS Algebra II (Common Core) Regents Exam in June.

ALGEBRA II

Full Year | 1 Credit | Grades 10 & 11

This course builds on Algebra I. Topics in this course include: relations, linear, radical, quadratic, polynomial, rational, exponential, logarithmic and trigonometric functions, complex numbers, probability, and statistics (including data analysis and inference). An effort is placed on real-world applications. The Ti-Nspire CX II graphing calculator is required and integrated into this course. Students will take the NYS Algebra II (Common Core) Regents Exam in June.

PRE-CALCULUS

Full Year | 1 Credit | Grades 11 & 12

This course is intended to strengthen the mathematical concepts encountered in the first three years of high school math, as well as preparation for calculus. Students will develop an understanding of the practical use for mathematics. The skills needed for further mathematics courses will be refined. This course is recommended for students who intend to continue with mathematics.

Teacher placement.

ANALYSIS & DIFFERENTIAL CALCULUS (HONORS)

Full Year | 1 Credit | Grade 11

The first semester of this course is an intensive study of the properties of polynomial functions, rational functions, exponential and logarithmic functions, conic sections. The second semester is the study of derivatives and their applications. All derivatives are studied from an algebraic, numerical, analytical and graphical approach. Students who successfully complete this course will take Advanced Placement Calculus the following year.

Prerequisite: Department recommendation

The mathematics department has math teams for both the junior high school and the senior high school. These teams compete in the Onondaga County Math League. These are great opportunities for students to join their classmates for a mathematical competition with other schools in the county.



INTRODUCTION TO COLLEGE ALGEBRA

Full Year | 1 Credit | Grade 12

This course is designed to offer students the opportunity to review and strengthen algebra concepts, with a focus on algebraic relationships, functions and graphs. Topics of studies include: algebraic equations, and inequalities; absolute value, radical, polynomial, rational, exponential and logarithmic functions; and system of equations and inequalities. Additional topics may include sequences, series and probability. The TI-Nspire CX II graphing calculator is used extensively in this course.

Teacher placement.



CALCULUS

Full Year | 1 Credit | Grade 12

This is an advanced course covering differential and integral calculus with related applications. This course is intended for students who have successfully completed a precalculus class in the junior year and who will be required or elect to take Calculus in college. These students have proven proficient in their math courses over the first three years. A graphing calculator is used in this course.

*Prerequisite: Pre-Calculus
(Not open to Analysis/Differential Calculus Students)*

ADVANCED PLACEMENT CALCULUS

Full Year | 1 Credit | Grade 12

This course is recommended for talented students who wish to pursue a math-related field in college. Advanced placement calculus is a fast-paced course, which is started in the junior year. It is an in-depth study of elements of differential and integral calculus with emphasis placed on the graphical, analytical, algebraic and verbal interpretations of concepts. The TI-83 Plus graphing calculator is used extensively in this course. College credit or advanced standing may be granted on the basis of the student's score on the AP exam.

Prerequisite: Analysis & Differential Calculus

ADVANCED PLACEMENT STATISTICS

Full Year | 1 Credit | Grades 11 & 12

The purpose of this course is to introduce junior and senior students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Strong writing skills are necessary for this course. Students are exposed to exploring data, sampling and experimentation, anticipating patterns and statistical inference. The graphing calculator will be used for data analysis. Students will take the Advanced Placement exam in May.

*Prerequisite: Successful completion of Algebra II/
Trigonometry and Approval of Department Chair*

INTRODUCTION TO FINANCE

One Semester | ½ Credit | Grades 11 & 12

Students will receive an introduction into their own personal finances. Topics will include, but are not limited to, loans, investment, taxes, insurance, and budgeting. Students will explore different strategies in order to set personal goals with regards to setting their own budget. Students will understand the mathematics behind these topics. During each unit, the students will write about their knowledge of the subject and make personal goals and/or predictions for their future self. They will also be tested on their knowledge of the mathematics used for any calculations.

RELIGION 7: BASICS OF THE FAITH

Full Year | ¾ Credit | Grade 7

Christian Brothers Academy recognizes the diverse membership of our student population by welcoming and encouraging each student to share their own faith tradition. This course is comprised of six subject areas associated with the Catholic Christian Community. They are: Personal Relationship with God, Self & Others; Prayer & Spirituality; Introduction to Scripture; Introduction to Sacraments; Liturgical Seasons; and The Life & Teachings of St. John Baptist de La Salle. Students are continually challenged to explore ways of applying these courses to their daily life.

RELIGION 8: INTRO. TO MORALITY

Full Year | ¾ Credit | Grade 8

Religion 8 explores Christian morality and its implications for daily living. Students will study topics including, but not limited to, Scripture, the Ten Commandments, the Beatitudes, discipleship, sin and forgiveness, conscience, freedom, respect for life, sexuality, justice and mercy and our role as prophets. Our Lasallian focus will be on Lasallian Blesseds and Saints. Students will also examine current issues and participate in class discussions on a variety of related topics.

RELIGION 9: THE HEBREW SCRIPTURES

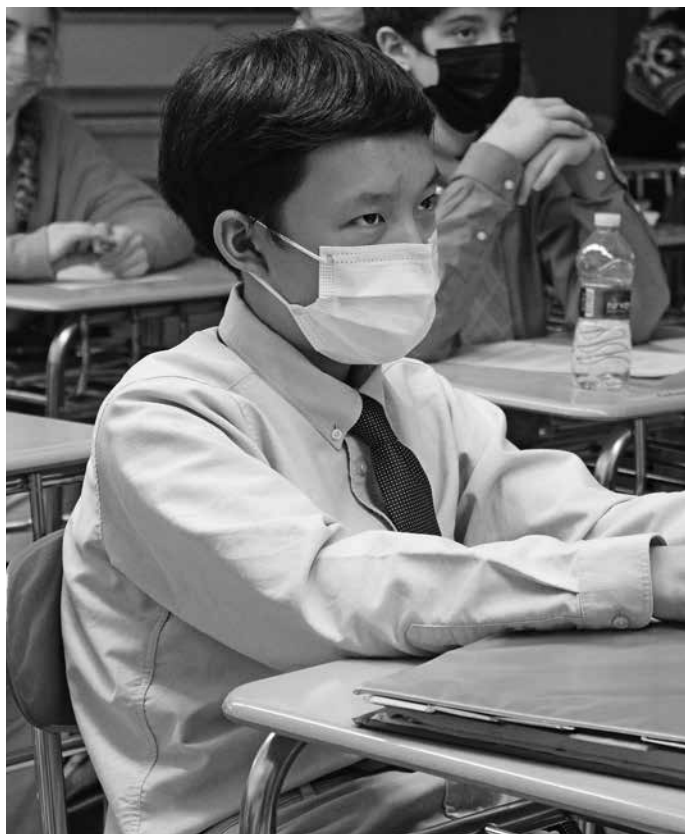
Full Year | ¾ Credit | Grade 9

This course examines the Hebrew Scriptures in light of the Christian Scriptures. It focuses on God's covenants through history, forming and expanding the people of Israel, culminating in our redemption by Jesus in the New Covenant. The course explores Existence of God, Trinity, Divine Revelation, Tradition & Scripture. It continues with Creation, Original Sin & Redemption through relationships with his people, including Adam & Eve, Noah, Abraham, Moses, David, the kings, prophets and finally Jesus. The Lasallian tradition of Prayer and Presence is considered in this course through God's revelation and relationship with figures in the Hebrew Scriptures. Emphasis is placed not only on biblical events but on the students' own life and understanding.

RELIGION 10: CHRISTIAN SCRIPTURES

Full Year | ¾ Credit | Grade 10

Religion 10 challenges students to relate the Person and the message of Jesus Christ as revealed in the Christian Scriptures to their everyday lives. Topics include the world and culture at the time of Christ and of the Apostles, all of the New Testament authors and books, the communities to which the books were written and how to understand those books in the light of the Hebrew Scriptures. There is a particular focus given to the Gospels and to the life and letters of St. Paul. Scriptural basis for Catholic expressions of faith and the Church's moral, social and theological teachings are considered. Meditations by St. John Baptist de la Salle are included in the course's Scriptural exegesis. Most importantly, students interact with the revealed Christ by contemplating and examining His words, actions and inspiration, as they relate to their own personal development.





RELIGION 11: MORALITY AND SOCIAL JUSTICE

Full Year | ¾ Credit | Grade 11

Religion 11 focuses on morality seen through a global lens. This course empowers students to examine society critically based on values from the Scriptures and moral theology including themes from Catholic Social Teaching. The course addresses specific topics including life issues, community, economic justice, the environment and peace. Students learn about the Lasallian vow of Association and the variety of global Lasallian ministries.

RELIGION 12: DISCERNING GOD'S PRESENCE

Full Year | ¾ Credit | Grade 12

Senior Religion helps students to gain a more mature perspective on the religious and faith themes of prior years and identify challenges to future growth. In written and verbal reflections on their faith, students address complex concerns, such as discerning the presence of God in their lives and in the world, faith formation and growth, modern cultural influences on faith, church history and people of other faiths. As students look to the future, they reflect on who they are and, as Lasallians, consider ways they can serve and give back to the community, especially to those in need.

PHYSICAL SCIENCE

Full Year | 1 Credit | Grade 7

This course focuses on the study of structure, organization and classification of matter and its properties. It also looks at the interactions of matter and energy, the interrelationships of motion, forces, work, power, machines and energy. The course emphasizes problem solving using creativity, logic and concept development. In addition, students are introduced to and develop laboratory skills in class.

BIOLOGY

Full Year | 1 Credit | Grade 8

The study of biology is integral to an understanding of life on this planet. While the course is designed to meet all the requirements of the NYS Regents curriculum in the Living Environment, it also provides an in-depth examination of core biological principles above and beyond the Regents requirements. Topics include plant and animal biology, modern genetics, evolution, and ecology. A focus on critical thinking and real world application of biological concepts permeates the curriculum. This course requires extensive laboratory work. Students are required to fulfill the laboratory component and to take the NYS Regents Exam upon completion of the course.

EARTH SCIENCE

Full Year | 1 Credit | Grade 9

Earth Science deals with identifying the processes that take place on Earth and understanding the factors that influence the entire earth system. This course is designed to meet and exceed the standards required by the NYS Regents curriculum. This course of study is designed to encourage students to understand the processes of change in earth and space through first-hand observation and inference. Throughout the various units, including Mapping, Geology, Dynamic Earth, Weathering & Erosion, Hydrology, Meteorology, Earth's History and Astronomy, emphasis is placed on scientific inquiry and laboratory exercises which will satisfy the requirements for the NYS Regents curriculum. Students will take the NYS Regents Exam upon completion of the course.

EARTH SCIENCE HONORS

Full Year | 1 Credit | Grade 9

This course goes beyond the basics required by the New York State Regents curriculum for Earth Science. It provides for a deeper investigation of all topics and units. Topics include, but are not limited to, measuring the earth, earth motions, energy, seasons, weather, water, energy and climate, erosion and deposition, and geologic history. Students are required to fulfill the laboratory component and to take the NYS Regents Exam upon completion of the course.

CHEMISTRY

Full Year | 1 Credit | Grades 10 & 11

This is an introductory course that focuses on the basic fundamental principles of Chemistry, including chemical reactions, bonding, and atomic structure. An emphasis on practical chemistry in areas like Environmental Chemistry and Consumer Chemistry will allow students a look into the real world of chemistry. This non-Regents course will prepare students to take other introductory level sciences as non-science majors in the future. Students' analytical thinking and problem-solving skills will be enhanced through this course.

ADVANCED CHEMISTRY

Full Year | 1 Credit | Grade 10

Chemistry is concerned with the nature of matter and its interaction with energy at the atomic and molecular levels. The course includes units on the math of chemistry gas laws, matter and energy, atomic and molecular structure, bonding, kinetics, equilibrium, acids and bases, redox and electrochemistry and organic chemistry. Students will take the NYS Regents exam at the end of course completion. Laboratory component is required.

ADVANCED CHEMISTRY HONORS

Full Year | 1 Credit | Grade 10

Chemistry is concerned with the nature of matter and its interaction with energy at the atomic and molecular levels. The course includes intense study of chemistry gas laws, matter and energy, atomic and molecular structure, bonding, kinetics, equilibrium, acids and bases, redox and electrochemistry and organic chemistry. This course will prepare students for advanced studies in chemistry. Students will take the NYS Regents exam at the end of course completion. Laboratory component required.



PHYSICS

Full Year | 1 Credit | Grades 11 & 12

Physics is an introductory level algebra-based physics course. Topics covered include kinematics, dynamics, momentum, energy, circular motion, static electricity, circuits, mechanical waves, light and modern physics. This course provides students with a foundation in physics with an emphasis on producing and interpreting graphical representations of physical systems. Labs are performed regularly and are an integral part of the course.

ADVANCED PHYSICS HONORS

Full Year | 1 Credit | Grades 11 & 12

This course focuses on the interaction of matter and energy in the universe. It includes topics regarding kinematics, energy, electricity and wave phenomena. The course depends heavily on mathematical understanding and problem-solving skills. It will provide a base for students considering careers in science and engineering fields, including graphical modeling, data analysis and laboratory writing. Students will be required to complete laboratory work and will be prepared to take the Regents Exam at the end of the course.

FORENSIC SCIENCE

Full Year | 1 Credit | Grades 11 & 12

Forensic science is the application of scientific studies to criminal or civil legal cases. This class will focus on the science used in such cases. Topics include, analyzing fingerprints, collecting evidence, DNA profiling, forensic anthropology, and much more. In addition, historical and modern forensic cases will be analyzed, laboratory experiments will be conducted and mock cases will be solved using the knowledge gained from lecture and laboratory experiments.

ANATOMY & PHYSIOLOGY

Full Year | 1 Credit | Grades 11 & 12

This course is an introductory level course in human anatomy and physiology. The structure and function of each of the human body systems will be studied in detail. The course begins with a refresher in cell biology and a microscopic study of human body tissues followed by a systems approach with emphasis on the skeletal, muscular, nervous, circulatory, digestive, respiratory and reproductive systems. Dissection is an integral part of the course. Dissection of the cat will be required along with various organ dissections such as the heart, eye and brain. This course is excellent preparation for those students planning on further studies in the life sciences and health careers.

METEOROLOGY AND ASTRONOMY

Full Year | 1 Credit | Grades 11 & 12

This is a full-year course split into two distinct and separate areas of study per semester that will further students' knowledge and appreciation of Earth Science.

Meteorology – focus on the various physical processes underlying atmospheric and weather phenomena, including concepts related to global climate change and the impacts of weather and climate on society. Particular attention will be devoted to the analysis and interpretation of local weather with the goal of creating weather reports. Topics of study will include: the makeup of the atmosphere, heat balance, temperature and humidity, atmospheric stability, air pressure and wind, air masses and weather patterns, severe weather, instrumentation, forecasting, and the history of climate change.

Astronomy - an observational science that deals with origin, evolution, and interactions of our universe, galaxy, solar system, and the various objects found therein. Students will develop the skills to observe and record objects in the sky aided by various elements/instruments of observational technology. Topics of study will include: the history of astronomy, objects of our solar system, stars and stellar evolution, galaxies, and current explorations/space missions.

ADVANCED PLACEMENT PHYSICS

Full Year | 1 Credit | Grades 11 & 12

This course emulates two first-year college-level algebra-based classes in Newtonian mechanics, electricity and magnetism and wave phenomena. It covers similar material to the honors physics class in an accelerated pace in order to prepare for the AP Physics 1 exam. The course requires advanced mathematical understanding and problem-solving skills. It will provide a base for students considering careers in science and engineering fields, including graphical modeling, data analysis and laboratory writing. Students will be required to complete laboratory work and will be prepared for both the AP Physics 1 and NYS Regents exam at the end of the course.

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE

Full Year | 1 Credit | Grades 11 & 12

A rigorous interdisciplinary course embracing topics from geology, biology, environmental studies, chemistry, geology, history and law. The course requires students to identify and analyze natural and anthropogenic environmental problems, evaluate the relative risks associated with these problems and examine solutions for resolving or preventing them.

This Advanced Placement curriculum is fast paced and far reaching. Research and reading will be assigned over summer, winter and spring breaks. The course culminates in the students taking the Advanced Placement exam.



ADVANCED PLACEMENT PHYSICS C: MECHANICS

Full Year | 1 Credit | Grade 12

Advanced Placement Physics C: Mechanics is equivalent in scope to University Physics I and its lab component at the college level. Topics covered include kinematics, dynamics, vector algebra, energy, momentum, oscillations and rigid body rotation. Advanced Placement Physics C adds a layer of mathematical complexity to junior level physics, relying heavily on the use of Calculus throughout the course. Taking this course gives students a strong head start in succeeding in a STEM degree program. Labs are performed regularly and are an integral part of the course.

Prerequisite: Students must have taken Honors or Advanced Placement Physics as juniors and must be enrolled in Calculus or AP Calculus in order to register for AP Physics C.

ADVANCED PLACEMENT CHEMISTRY

Full Year | 1 Credit | Grade 11 & 12

The course topics are similar to Regents chemistry, but at a level appropriate to freshman college students including atomic structure, stoichiometry, aqueous solution chemistry, molecular geometry and bonding, kinetics, thermodynamics, equilibria, electrochemistry and nuclear chemistry. Students will be prepared to take the Advanced Placement examination in chemistry at the end of this course. Laboratory component required.

ADVANCED PLACEMENT BIOLOGY

Full Year | 1 Credit | Grade 11 & 12

This course is designed to prepare students for the AP Biology exam in May while at the same time developing within each student an appreciation of and an excitement about the study of biology. This course is equivalent to a two-semester introductory biology course for biology majors at the college level. The course stresses major topics including biochemistry, cell biology, evolutionary biology, traditional and modern genetics, ecology and physiology. Just as in a college biology course, laboratory experiences play an integral role in helping students develop the skills and conceptual knowledge necessary to be successful in this course and in the future.



SOCIAL STUDIES 7: INTRODUCTION TO U.S. AND NEW YORK STATE HISTORY

Full Year | 1 Credit | Grade 7

The Social Studies 7 curriculum follows the New York State syllabus. Our heritage as Americans and residents of New York State are reflected in the units covered throughout the year. The course will begin with a unit on geography where students will review map skills, as well as understand and interpret charts and diagrams. The first semester will consist of topics such as the first Americans, exploration, colonization and independence, while the second semester will focus on the forging of a new nation, the early presidents, territorial growth and expansion, and the Civil War.

SOCIAL STUDIES 8: U.S. HISTORY II

Full Year | 1 Credit | Grade 8

The Social Studies 8 curriculum continues the story of the American people. It begins with a short review of the Civil War and its impact. The course will then examine the Reconstruction Era and move into the industrialization and growth of the United States during the Gilded Age. Moving forward, the course will investigate the emerging role of the United States as a world power and its involvement in the Age of Imperialism. The course will study America's role in World War I and World War II, along with the Roaring Twenties and the Great Depression. The course culminates with America's post-World War II responsibilities in the "Cold War" and moves through the decades of the '60's, '70's etc., through the 2000's. Students will discover the changing nature of the American people in the Twenty-First Century and citizenship in today's world.

GLOBAL HISTORY AND GEOGRAPHY I

Full Year | 1 Credit | Grade 9

This course is designed to explore the history and various regions and civilizations at a given time. Beginning with the Ancient World through the Eighteenth Century, the student will focus on common themes that recur across time and place and several historical eras. Students will investigate global connections and linkages such as cultural diffusion belief systems, conflict and trade. Students will develop skills in historical writing as well as analyzing primary and secondary resources.

GLOBAL HISTORY & GEOGRAPHY I HONORS

Full Year | 1 Credit | Grade 9

This course is a more extensive treatment of the Global I course with greater emphasis on the use of information to draw inferences, conclusions and generalizations. More attention will also be given to the diverse values and beliefs of people, pointing out the differences and similarities of world cultures. Advanced writing skills are also required.

GLOBAL HISTORY AND GEOGRAPHY II

Full Year | 1 Credit | Grade 10

This course continues to investigate global connections and linkages from the Age of Revolutions to the modern era. The student will acquire an understanding of the prominent forces, ideas and movements that have shaped the various regions and civilizations of the modern world. The political, economic and social interdependence of the world today will help lead the student to an understanding of the challenges facing humankind. Students will take the NYS Regents exam at the end of course completion.

GLOBAL HISTORY & GEOGRAPHY II HONORS

Full Year | 1 Credit | Grade 10

This course is a more extensive treatment of Global II with greater emphasis on the use of information to draw inferences, conclusions and generalizations. More attention will be given to the institutions and values that have shaped the present. Advanced writing skills are also required. Students will take the NYS Regents exam at the end of course completion.



ADVANCED PLACEMENT WORLD HISTORY

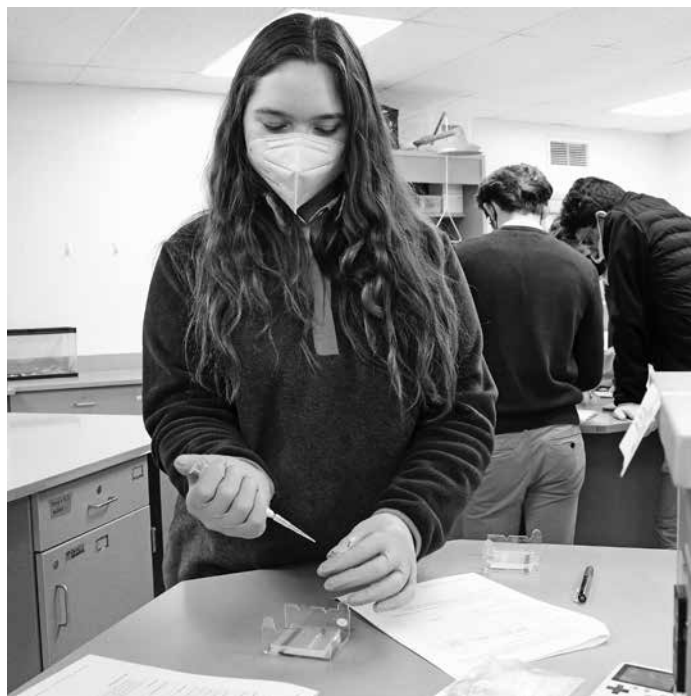
Full Year | 1 Credit | GRADE 10

This course focuses on the understanding of human history from 1250 AD to the modern day. The course allows students to focus on the events, personalities, processes and developments that have influenced human culture and development. AP World History is developed around specific themes such as the transformation of social structures, human interaction and conflict and the interaction between humans and their environment. Students will develop such skills as analyzing primary and secondary sources, writing and analytical analysis. Summer reading will be required. The course culminates with the AP exam.

UNITED STATES HISTORY AND GOVERNMENT

Full Year | 1 Credit | Grade 11

This course will include a chronological survey of the United States history in general, but the emphasis will be on the United States as a developing and as a fully developed industrial nation. Constitutional issues will be explored in depth, as well as the problems of a dynamic and industrial society in an increasingly complex world.



ADVANCED PLACEMENT UNITED STATES HISTORY

Full Year | 1 Credit | Grade 11

This is a college level course open to juniors who have demonstrated a high aptitude and interest in history. The course will follow the syllabus approved by the College Entrance Examination Board. Students will be expected to demonstrate knowledge of basic chronology and major events. In addition, students are expected to master the principle themes in American history, to analyze historical evidence and to analyze and express historical understanding in writing. Summer reading will be required. The course culminates in students taking the AP Exam.

PARTICIPATION IN GOVERNMENT

One Semester | ½ Credit | Grade 12

The course emphasizes the interaction between citizens and government at the local, state and federal levels. Students will apply the principles and practices of our government in a program that will call upon them to be participants in the process of public policy formation and action. An emphasis will be placed on political parties, voting and voting behavior, polls and the media and the legislative and executive branches of government.

ECONOMICS AND ECONOMIC DECISION MAKING

One Semester | ½ Credit | Grade 12

This course provides students a basic knowledge of economic principles and skills. Concepts taught include supply and demand, scarcity, market economy, American business and the national economy. Emphasis will be placed on the Federal Reserve System and operations of the American stock market. Students will develop a greater understanding of America's unique economic system in addition to its place in the global economy.



ADVANCED PLACEMENT PSYCHOLOGY

Full Year | 1 Credit | Grades 11 & 12

The Advanced Placement Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings. The course is designed to mirror an entry-level college course and will entail a rigorous academic curriculum. The students will be exposed to psychological principles in the areas of motivation and emotion, learning and intelligence, consciousness, sensation and perception, developmental psychology, psychological disorders, personality and stress among other topics. They will also learn about the ethics and methods psychologists use in their science and practice through various research projects, psychological experiments and class presentations.

ADVANCED PLACEMENT UNITED STATES GOVERNMENT AND POLITICS

Full Year | 1 Credit | Grade 12

This course establishes a study of general concepts about American governmental institutions, as well as the analysis of specific examples within these areas. It also focuses on the groups, beliefs and ideas that constitute U.S. politics. The class will focus on six major topics of study including Constitutional foundations of the American government, America's political culture, civic participation, the institutions of our National government, public policy and civil rights. Summer reading will be required. The course culminates in students taking the AP Exam.

Prerequisite: AP United States History

SOCIOLOGY

Full Year | 1 Credit | Grades 11 & 12

Sociology is designed to introduce students to the sociological study of society. Sociology focuses on the systematic understanding of social interaction, social organization, social institutions and social change. Major themes in sociological thinking include the interplay between the individual and society; how society is both stable and changing; the causes and consequences of social inequality; and the social construction of human life.

PHILOSOPHY

Full Year | 1 Credit | Grades 11 & 12

The course will be a survey of several major areas of Western analytic philosophy including, but not limited to: metaphysics, epistemology, ethics, philosophy of the mind, philosophy of language, philosophy of religion, philosophy of science, and political philosophy. In order to accomplish this, students will engage with many philosophers throughout the ages and wrestle with many challenging topics such as the mind-body problem (philosophy of the mind), the essence of reality (metaphysics), ethics, the innate goodness or evil of humanity, free will, the origins of evil, epistemology (how do we know the things we know), the existence of God, and the question of justice (political philosophy).

ADVANCED PLACEMENT EUROPEAN HISTORY

Full Year | 1 Credit | Grade 12

This course is a survey of modern European history from the fifteenth century to the present. The course is designed to prepare students for the Advanced Placement examination in European history. In addition to the study of the principal themes of modern European history, students will continue to develop the skills necessary for analysis of historical evidence and writing. Both a chronological and thematic approach will be used to explore European political, economic and intellectual history. Summer reading will be required.



INTRODUCTION TO COMPUTER SCIENCE AND CODING

One Semester | ½ Credit | Grade 8

This project-based course provides our students with the skills and tools they will need for lifelong use of the computer as an educational tool. The students gain a working knowledge of the software packages included in Microsoft Office, such as Excel, Word and Power Point. It will also provide practice for students on learning how to use the internet effectively in an ethical manner and further develop keyboarding skills. The course is designed to further the student's appreciation for computer science and serve as an introduction to coding.



ENGINEERING I: 3D MODELING & ADDITIVE MANUFACTURING

Full Year | 1 Credit | Grades 11 & 12

Engineering I gives students an introduction to some of the tools commonly used in the fields of mechanical and civil engineering. In the course students learn how to create three dimensional objects using Autodesk Inventor and 3D printers. Students learn to 3D model by completing basic task-oriented projects of increasing sophistication. As skills are acquired, students complete unique higher level design projects that give them opportunity to use their creativity. The course finishes with an advanced product design project in which students produce and market a product of their own creation. Engineering I is recommended for students interested in pursuing a degree in any of the engineering disciplines.

ENGINEERING II

Full Year | 1 Credit | Grade 12

Engineering II builds upon the mechanical engineering skills learned in Engineering I and adds an introduction to electrical and computer engineering concepts. Students develop their mechanical engineering skills in the first part of the course through engineering design challenges in which they must create mechanical devices to perform assigned tasks. In the second part of the course students delve into the study of direct current, op amp and logic circuits, advancing towards the use of Arduino microcontrollers. The course finishes with large scale electro-mechanical design project. Engineering II is recommended for any student who has taken Engineering I and is planning on pursuing a degree in any of the engineering disciplines.



INTRODUCTION TO FRENCH

One Semester | ½ Credit | Grade 7

This one semester course is an introduction to the French language and culture. Students will focus primarily on vocabulary and basic phrases. They will learn the fundamental sounds of the French language. There is an introduction to basic grammar concepts as well as some study of places where French is spoken.

FRENCH I

Full Year | 1 Credit | Grade 8

This course will continue the study of French language with an emphasis on the skills of listening, speaking, reading and writing. Students will continue the study of grammar and vocabulary while expressing themselves in the past and future tenses. Additionally, elements of the French culture and civilization is explored. Students will earn one high school credit upon successful completion of the course, the final exam, and the NYS LOTE Proficiency exam.

FRENCH II

Full Year | 1 Credit | Grade 9

The goal of this course is to further develop skills and basic grammatical concepts learned in French I. This course will focus primarily on improving students' writing, speaking and listening comprehension skills. In addition, students will be introduced to a variety of cultural elements. Students will master the foundations of the French language to have a strong basis to build upon the following year.

FRENCH II HONORS

Full Year | 1 Credit | Grade 9

This course is designed for students to increase the skills acquired in French I. Students will continue to expand and improve their communication skills, primarily writing and speaking. Listening skills will also be targeted. Students will be expected to do more in-depth reading by the second semester. Elements of culture will also be presented.

FRENCH III

Full Year | 1 Credit | Grade 10

Using the four language skills of speaking, listening, reading and writing and cultural appreciation acquired in the first two years as a springboard, French III aims to reinforce and extend these skills through grammar review, compositions, conversation, oral presentations, film, music, literature and readings that explore historic and contemporary topics from the French-speaking world. This course is designed to provide students with the necessary communicative skills and cultural knowledge to facilitate the transition to upper-level courses.

FRENCH III HONORS

Full Year | 1 Credit | Grade 10

French III Honors aims to enhance oral-aural skills, vocabulary development and writing skills. The course provides an introduction to literary analysis, vocabulary development and writing skills. Oral presentations, film and multi-media resources are used to introduce new vocabulary and the more advanced elements of French grammar and syntax. Considerable emphasis is placed on students' individual efforts with respect to grammar and vocabulary review and acquisition. Audio exercises are used to strengthen the students' grasp of vocabulary as well as oral and written expression.

FRENCH IV HONORS

Full Year | 1 Credit | Grade 11

This Pre-AP course offers a detailed study and extensive practice of French standards of composition and conversation. In the first semester, students will focus on advanced French composition emphasizing stylistics and grammar with an intensive practice in various forms of written expression in French. The second semester will focus on advanced-level French conversational skills including oral presentations.

ADVANCED PLACEMENT FRENCH

Full Year | 1 Credit | Grade 12

AP French will review and refine all skills in the French language: speaking, oral comprehension and grammatically correct written expression. A sensitivity to and utilization of idiomatic expressions will be underscored in view to present a viable candidate for the AP Exam. Students are expected to work extensively outside of the classroom and to be committed to and experiment with the French language.

INTRODUCTION TO SPANISH

One Semester | ½ Credit | Grade 7

This one semester course is an introduction to the Spanish language and culture. The course focuses on the four basic skills of listening, speaking, reading and writing. Students will learn to express themselves in basic social situations. In addition, the course introduces culture and civilization of the countries where Spanish is spoken. Students will be expected to use basic conversational phrases.

SPANISH I

Full Year | 1 Credit | Grade 8

This course deepens and builds on knowledge previously gained by continued development of the four basic skills: listening, speaking, reading and writing. The focus is on communication in social settings and is expanded to include expression in the past and future tenses. Further elements of culture and civilization are presented. Students will earn one high school credit upon successful completion of the course, the final exam, and the NYS LOTE Proficiency exam.

SPANISH II

Full Year | 1 Credit | Grade 9

The aim of the course is to increase the level of skills acquired in Level 1 to an acceptable level of proficiency. Speech patterns are taught by use of supplementary materials, dialogues and/or conversations. Intermediate grammar constructions are introduced. The development of the language is presented within the context of the contemporary Spanish-speaking world and its culture.

SPANISH II HONORS

Full Year | 1 Credit | Grade 9

The aim of the course is to increase the skills acquired in Spanish I. Major points of grammar will be covered by the end of the course, as well as increased communication in writing and speaking. Listening skills will be further targeted. Students will be expected to do more in-depth reading within the context of the contemporary Spanish-speaking world and its culture.

SPANISH III

Full Year | 1 Credit | Grade 10

This course continues to develop the requisite skills of this level in speaking, listening, reading and writing through the use of authentic sources. Students hone these skills through a variety of activities such as paired and small group speaking practice, skits, projects and presentations. The course aims to expand and deepen the students' knowledge and comfort level in Spanish. Special emphasis is placed on culture and civilization through contemporary reading selections.

SPANISH III HONORS

Full Year | 1 Credit | Grade 10

Spanish III Honors provides a rapid expansion of vocabulary and grammar. It is therefore a pivotal year in language acquisition. Continued development is attained via a conceptualized thematic approach using authentic content and context as a way to inspire and improve language learning. The course stresses reading comprehension, oral-aural skills and composition style. Students complete a full grammar review, engage in various types of writing and deliver oral presentations on a regular basis. Students also read a variety of literary text (poetry, short stories, essays and news articles) from the Spanish-speaking world.

SPANISH IV HONORS

Full Year | 1 Credit | Grade 11

This course is the first in a 2-year sequence designed for advanced placement. The goal of this course, conducted almost entirely in Spanish, is to expand the knowledge of the Spanish language and culture and to practice the skills and strategies necessary for advanced placement. The course provides a smooth transition from a general language acquisition and comprehension-based program to a course stressing language production in Spanish. The first semester focus is advanced grammar and composition. Students will read, summarize and analyze authentic selections. The focus of the second semester is advanced conversation. Students discuss authentic selection, current events and other cultural topics. Pre-AP Spanish requires advanced levels of grammatical accuracy and vocabulary.

Prerequisite: Successful completion of Spanish III Honors and teacher recommendation.

SPANISH V HONORS ADVANCED SPANISH THROUGH LITERATURE, CULTURE AND FILM

Full Year | 1 Credit | Grade 12

Advanced Spanish through Literature, Culture and Film seeks to develop advanced language in its context of use while exploring the rich Cultural mosaic of the Spanish-speaking world. Students will explore the link between literature, culture and film through writing and conversation via an exciting selection of literary and cinematic production from the Hispanic world. The selected literature and films, focusing on some of the most distinctive themes of the last 50 years, will provide the basis for critical discussions of cultural meanings and social relations. Conducted entirely in Spanish, students will participate in class activities that simulate real-life situations that will help students gain confidence communicating in Spanish.

Students will develop language proficiency through vocabulary building exercises, grammar instruction and review, readings of original texts by contemporary authors, examination of contemporary film, and the exploration of the link between literature, culture, film and language through writing and conversation. The course will examine a wide spectrum of topics and disciplines for the purpose of improving students' language skills and introducing them to key aspects of Hispanic culture.

Prerequisite: Successful completion of Spanish IV Honors or Spanish IV and teacher recommendation.

ADVANCED PLACEMENT SPANISH LANGUAGE

Full Year | 1 Credit | Grade 12

This challenging course is taught in Spanish and students are expected to speak Spanish in and out of the classroom. Students at this level are expected to be able to freely create and communicate with language in different tenses (present, past, future, etc.) and moods (indicative and subjunctive). To enhance their vocabulary and reading skills as well as to develop Spanish literature appreciation, students read advanced level short stories, passages, articles and novels. Students will be prepared and required to take the AP Spanish examination in May.

Prerequisite: Successful completion of Spanish IV Honors and teacher recommendation.

To complement classroom learning and instruction, students may have the opportunity to travel and study abroad in France, Spain, Italy and England during spring/winter recess.



ADVANCED PLACEMENT SPANISH LITERATURE

Full Year | 1 Credit | Grade 12

This is an elective course designed for students desiring to further their Spanish studies by studying the language through the rich cultural heritage of literature written in Spanish. Students trace seven centuries of Hispanic Literature exploring different genres and literary trends. There are many opportunities for comparative learning, as well as individual projects. Students should expect to communicate in Spanish throughout the course in order to help build crucial communicative skills.

Prerequisite: Successful completion of AP Spanish Language and teacher recommendation.

LATIN I

Full Year | 1 Credit | Grades 11 & 12

This is an elective course offered to those students who have completed their World Language requirement. The course will develop a foundation in the basics of Latin grammar and vocabulary. There will be a focus on the appreciation for the structure of the Latin language and of the Latin derivatives present in the English language. This course will also include discussions of the culture of the Romans and various aspects of their contribution to western civilization.

LATIN II

Full Year | 1 Credit | Grade 12

For students who have successfully completed Latin I, this elective increases understanding and use of Latin grammar. Knowledge of Latin vocabulary and the Latin derivatives present in the English language will be further developed to enlarge the student's English vocabulary. Students will be expected to conduct more in-depth discussions and research of the Roman and Greek cultures.

Additional Electives

INTRODUCTION TO BUSINESS

One Semester | ½ Credit | Grades 11 & 12

This one-year course will provide an overview of business practice for students considering a future in the business world or other related fields and, for those who want to know how commerce is conducted. The course will survey the following topics as they relate to business practices: Types of Businesses, Leadership & Management, Customer Service, Sales, Accounting and Personal Finance, Human Resources, Marketing and Advertising. In addition, students will learn how to start a business, write a business and marketing plan, develop a resume and create a budget. This class will be group and individual project and research paper oriented. Guest speakers from the community will be invited to make presentations to supplement the class topics.

COMMUNICATIONS

One Semester | ½ Credit | Grades 11 & 12

This course is an introduction to basic models and approaches to interpersonal, small group and public communication. Topics will include perception, self-concept, self-disclosure, conflict, verbal and nonverbal communication, critical listening skills and social media. Students will gain insight into the role communication plays in their interpersonal relationships. (Communications is the other semester to Public Speaking).

PUBLIC SPEAKING

One Semester | ½ Credit | Grades 11 & 12

This course will give students the opportunity to develop and strengthen skills in preparing and presenting public oral presentations in a variety of situations, as well as sharpening skills in critical listening. Students will research, outline and deliver a variety of speeches (informative, persuasive, demonstrative, special occasion, etc.), as well as act as critics of their own, fellow students' and famous speakers' work. (Public Speaking is the other semester to Communications)



CBA Juniors and Seniors may enroll in a variety of courses through an online learning platform. These courses allow students to prepare for college by experiencing an additional Advanced Placement course of experiment in a potential future area of study that is not offered in a traditional format. These courses are taught by certified teachers and monitored by an online learning specialist and the CBA Assistant Principal for Academic Affairs.

QUICK GUIDE — https://www.caybores.org/cms/lib/NY50000529/Centricity/Domain/20/CayBOCES_Flyer_E-Learning_Guide_22-23.pdf

COURSE DESCRIPTIONS — <https://www.caybores.org/cms/lib/NY50000529/Centricity/domain/20/2022-2023%20files/2022-2023%20course%20descriptions%20ALL%20COURSES.pdf>

The following full-year courses will be offered in the 2022-2023 academic year:

Accounting	Business Ownership	Introduction to Forestry
African American History	Earth-Space Science	Marine Science

The following semester courses will be offered in the 2022-2023 academic year. (Students MUST TAKE TWO semester-long courses.)

Advertising & Sales Promotion	Human Geography	Product Design & Innovation
Anthropology	International Business	Programming with Alice
Archeology	Introduction to Forestry	Programming with Scratch
Art Appreciation	JavaScript	Psychology
Art History	Journalism	Renewable Energy
Art in World Culture	Law and Order	Renewable Technologies
Business Law	Leadership Skills	Social Media
Careers in Criminal Justice	Medical Terminology	Sociology
Digital Photography	Medieval History	Space Exploration
Entrepreneurship I & II*	Music Appreciation	Sports & Entertainment
Foundations of Programming	Mythology	Theatre Studies
History of the Holocaust	National Security	Web Design
Hospitality (Restaurant)	Paleontology	World Religions
Hospitality (Traveling)	Personal Psychology	
Human Development	Principles of Public Service	

*Both Entrepreneurship I & II are .5 credit; student can take one or both.

The following AP courses are offered through an online format:

AP Art History	AP Human Geography	AP Macroeconomics
AP Calculus BC	AP Microeconomics	AP Music Theory
AP Computer Science A		

Please visit the eLearning Academy on the Cayuga/Onondaga BOCES website at <https://www.caybores.org/> for more information and full course descriptions.

CHRISTIAN BROTHERS ACADEMY

Christian Brothers Academy is a Lasallian Catholic college preparatory high school and middle school serving young men and women of diverse faiths and cultures.

The administration, faculty, staff and the entire CBA family provide students with a safe, nurturing environment that fosters spiritual, intellectual, physical, emotional and social growth.



CBA challenges students to achieve excellence in all aspects of their lives, encouraging them to live as moral, responsible, contributing and successful members of society.



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