

GROSS CATHOLIC

2024 - 2025 CURRICULUM GUIDE



Daniel J. Gross Catholic High School is a faith and family based community committed to developing Christian leaders through educational excellence in the Marianist tradition.



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Characteristics of a Marianist Education

Educate for formation in faith

Provide an integral, quality education

Educate in family spirit

Educate for service, justice, and peace and the integrity of creation

Educate for adaptation and change



General Registration Information

Credit:
As a general rule, classes meeting on a daily basis for two semesters yield one full credit each year. Classes that meet for one semester only yield one half credit each year.

GPA:
Grade Point Average - determined by averaging the numerical value of letter grades received in any given grading period.

Cumulative GPA:
Determined by averaging the last semester average with that of previous semesters at Gross Catholic High School

- Honors/Advanced Placement (AP) Courses/Dual Enrollment:**
AP/Dual Enrollment American History
AP/Dual Enrollment American Government
AP/Dual Enrollment Biology
AP/Dual Enrollment Calculus
AP/Dual Enrollment Spanish 5
AP/Dual Enrollment World History
AP Chemistry
AP Computer Science
AP Physics
AP Statistics
Honors Biology
Honors Chemistry
Honors English 1
Honors English 2
Honors English 3: American Lit
Honors Precalculus/Trigonometry
Dual Enrollment English 4: British Lit
Dual Enrollment Medical Terminology
Dual Enrollment Prevention and Care of Athletic Injuries
Dual Enrollment Health Careers
Dual Enrollment Medical Law and Ethics
Dual Enrollment Information Systems and Literacy
Dual Enrollment Computer Science and Security
Dual Enrollment Java Programming
Dual Enrollment Creative Writing
Dual Enrollment Intro to Business (Online)
Dual Enrollment Personal Finance
Dual Enrollment Intro to Art & Design
Dual Enrollment Drawing
Dual Enrollment French (Online)
Dual Enrollment Intro to Psychology (Online)
Dual Enrollment Introduction to Professional Education
Dual Enrollment Educational Foundations
Dual Enrollment Human Relations

Students enrolled in Dual Enrollment courses have the potential to earn college/university credit based on the course grades, exam score and individual college/university guidelines.

Students enrolled in AP courses have the option of taking the AP exam and may potentially earn college/university credit based on the exam score and individual college/university guidelines.

Honor Roll:
High Honors is awarded to students maintaining a 3.75 or higher average for the quarter, with no "D's", "F's" or "U's". Honors is awarded to students maintaining a 3.25 - 3.74 average for the semester, with no "D's", "F's" or "U's".

Teacher Recommendation:
In order to register for some courses, a student must receive a recommendation from either a previous teacher or the teacher currently assigned to the class.

Failures:
Failures in required courses are generally made up by repeating the courses at Gross Catholic. There are multiple mediums to take recovery classes. The method of taking classes must be agreed upon by counselors, principal and parents.

Required Minimum Class Load:
Freshmen, Sophomores & Juniors: 3.5 credits per semester
Seniors: 3.0 credits per semester

Dropping a Class:
Students may withdraw from a course prior to the sixth week of the semester. The withdrawal will be recorded on the student's transcript, but will not affect the GPA. Any student who withdraws from a course after the sixth week of the semester will receive an "F" for the course and it will be factored into the student's GPA.

Transcripts:

Transcripts are the permanent records of all semester grades and college entrance test scores. These include grades, grade point averages, class rank, credits earned, attendance figures, and standardized test scores. This record is the property of the school and the student may request a copy. Copies may be released only by mutual consent from the student and/or legal guardian and school officials. Transcripts contain only information regarding the academic assessment of a student.

Waiving Credits:

Under no circumstances may a state requirement be waived. However, those requirements unique to Gross Catholic may be waived by petitioning in writing for a waiver to the principal. An independent committee will judge the valid and unique reasons for a waiver. Required courses are seldom waived and exceptions must have valid reasons.

Transfer Credits:

Every effort will be made to match courses taken at other high schools with courses offered at Gross Catholic. If an honors course is not offered to Gross Catholic students, honors weight will not be awarded for the transfer credit, but the course will be designated as an honors course on the permanent transcript.

Schedule Change:

After a student has completed the registration process, there will be a \$10.00 "change of schedule fee" payable at the time of the requested change unless the change is advised through mutual consent by the school and the student.

Student Records:

Records are considered confidential and contain standardized test scores, general background information, and the student's grades.

Graduation Requirements

- Theology: 4.0
- English: 4.0
- Mathematics: 3.0
- World Language: 2.0
- Life Science (includes Biology, Adv. Biology, AP Biology, Anatomy & Physiology): 1.0
- Earth Science (includes Physical Science, Earth Science, Environmental Science, Chemistry, AP Chemistry, Physics, AP Physics): 1.0
- Science Elective (listed above): 1.0
- World History: 1.0
- American History: 1.0
- American Government: 0.5
- Social Studies Elective (includes World Geography, Sociology, Psychology, Criminal Justice, Economics): 0.5
- Personal Finance: 0.5
- Intro. to Physical Education & Health: 0.5
- Physical Education Elective (includes Individual & Team Sports, (Intro) Strength & Conditioning): 0.5
- Drama / Visual Arts / Performing Arts (includes Drama, Yearbook, Band, Choir, and all Art classes): 0.5
- Technology (includes Intro to Technology, Intro to Yearbook, and Engineering Design & 3D Modeling): 0.5
- Electives: 4.0

Total Required Credits : 25.5
Dux Esto / Marianist Mission Program: 2 Service Events Per Year
(It is recommended that students who plan to attend college take four years of science and math.)

Marianist Mission Program

The Gross Catholic Marianist Mission Program promotes and creates leaders in the Marianist tradition. Students are educated for service, justice and peace by offering their time and talents in service to God and others. The Marianist Mission Program promotes growth in discipleship and responsibility while encouraging students to become active Christian leaders who help transform our community. These stated objectives support the 5 Characteristics of a Marianist Education.

How does the Marianist Mission Program work?

- Each student is required to participate in 2 Marianist mission Program events each year.
- All students are required to complete this participation prior to the Cougar Cup/Field Day.

As a school working to educate for compassion and leadership, we are dedicated to modeling and assisting students with their Marianist Mission hours. Faculty/staff will work alongside our students to complete the required service.

- Four freshmen days will be coordinated by Campus Ministry during the summer. All freshmen must attend one of these events. The purpose of these Mission Days are twofold: care for our community and make new friends at Gross Catholic. Service conducted on this day will count for one event of service.
- Cougars on Mission Day. All students, faculty and staff will work at various service locations around the Omaha Metro. Service locations/activities will be coordinated by Campus Ministry. Attendance at Cougars on a Mission Day is required and counts as a regular day of school. Service conducted on this day will count for one event of service.
- The theme of the sophomore retreat is servant leadership. All sophomores will complete four hours of service while on their class retreat. Service conducted on this day will count for one event of service.
- Juniors and Seniors will select one service event coordinated by Campus Ministry. Service conducted on this day will count for one event of service.
- Should a student or parent have any questions regarding the process, they should contact the principal.
- Gross Catholic High School Administration reserves the right to determine appropriate implementation of the Marianist Mission Program.

All students are encouraged to engage in additional service. Gross Catholic will continue to advertise service opportunities on the Marianist Mission Program Google Classroom.

In addition, all Houses will complete service as part of the Homeroom curriculum. These projects are part of the House curriculum and do not count towards completion of the Marianist Mission Program. Completion of the Marianist Mission Program will be noted on student transcripts. Below is the breakdown of service events for each grade level.

Freshman:
Freshman Mission Day (Attend at least 1 out of 4 days offered)
Cougars on a Mission Day

Sophomore:
Sophomore Retreat - Servant Leadership
Cougars on a Mission Day

Junior:
Marianist Mission Program Event
Cougars on a Mission Day

Senior:
Marianist Mission Program Event
Cougars on a Mission Day



Technology Program

We have tremendous pride in our educational technology program and are in the process of standardizing student hardware devices. Beginning with the class of 2027, students will be required to purchase the same laptop device from the school. By using a standardized device, many advantages are provided to the student such as improved reliability, expanded usage, and increased equity.

We have a full time technology director on staff to handle the warranty issues for the class of 2027. The laptops purchased from the school by the class of 2027 will include a 4 year accidental damage contract. All repairs will be covered except for battery and charger cord replacement.

All devices will come with a protective case, but families may wish to purchase a bag to carry the laptop to and from school.

Classes 2025 to 2026
Students in classes 2025 to 2026 will continue to use their current Bring Your Own Device which should be a laptop or a tablet that the student has purchased and must maintain. The device must connect to the school wifi network. Cell phones are not considered an effective device.

Each teacher is responsible for letting students know which devices are suitable for each particular lesson. It is the responsibility of the student to use the device appropriately for education. Cell phones are normally not allowed to be used in classrooms unless the teacher specifically deems them necessary for a lesson.

Students in classes 2025 to 2026 will be assisted by the technology coordinator to repair laptops when possible. A high school is an environment where devices can easily be damaged. Each family of students in classes 2025 to 2026 may want to set aside some money in case the device needs repair.

Web Filter
Gross Catholic has a top-notch web filter in place that blocks inappropriate sites. Our web filter does not work outside of school. Parents may want to investigate appropriate web filters for their home network.

Capabilities	Apps based tablet	Laptop (PC or Mac)	Slate/Tablet with keyboard and pen
Internet research	X	X	X
Supports many education apps	X	X	X
Voice, video & audio recording, conferencing and collaboration	X	X	X
Supports small amounts of typing	X	X	X
Supports music composition, playing in, composing on	X	X	X
Supports typing of longer assignments. Multitasks for complex research and knowledge building		X	X
Supports fully functional software for web and graphic design, and advanced CAD		X	X
Supports computer programming, Software for math, music, chemistry		X	X
Note taking with digital pen, fluent mind mapping and complex visual thinking			X



Course Descriptions

THEOLOGY

Theology 1

Semester 1: The Revelation of Jesus Christ in Scripture - The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible they will come to encounter the living Word of God, Jesus Christ. In the course they will learn about the Bible, authored by God through Inspiration, and its value to people throughout the world. If they have not been taught this earlier, they will learn how to read the Bible and will become familiar with the major sections of the Bible and the books included in each section. The students will pay particular attention to the Gospels, where they may grow to know and love Jesus Christ more personally

Semester 2: Who Is Jesus Christ? - The purpose of this course is to introduce students to the mystery of Jesus Christ, the living Word of God, the Second Person of the Blessed Trinity. In this course students will understand that Jesus Christ is the ultimate Revelation to us from God. In learning about who he is, the students will also learn who he calls them to be.

Grade Level: 9 Credit: 1.0
Term: Full Year Prerequisite: None
Status: Required

Theology 2

Semester 1: The Mission of Jesus Christ: The Paschal Mystery - This course is designed to help students comprehend all that God has done for us through Jesus Christ. Throughout the semester, students will explore the goodness of creation and ascension, humanity’s fall from grace, the promise of a messiah, Christ the redeemer, and the Passion, Death, and Resurrection of Jesus Christ. In addition, the course will include a discussion of the moral implications of the Paschal Mystery, the application of prayer to our daily lives, and an examination of the challenges believers of Christ face when trying to understand the Paschal Mystery.

Semester 2: Jesus Christ’s Mission Continues in the Church - The goal of this course is to help students understand that in and through the Church they encounter Jesus Christ. Students will examine the fact that the Church was initiated through the Apostles and sustained through the Holy Spirit. They will then explore images of the Church in Sacred Scripture and Sacred Tradition before discussing the four Marks of the Church. The course will then conclude with an analysis of the Church’s mission and purpose in the World.

Grade Level: 10 Credit: 1.0
Term: Full Year Prerequisite: None
Status: Required

Theology 3

Semester 1: Sacraments as Privileged Encounters with Jesus Christ - The objective of this course is to help each student to learn about the seven sacraments of the Roman Catholic Church by exploring the history, Scriptural foundations and current practices of the sacraments to promote a deeper appreciation for and awareness of these ritual invitations to encounter the love of the living Christ.

Semester 2: Christian Moral Theology - This course will present a moral framework whereby the student is challenged to accept the role of being a responsible Catholic. Christian virtues and values, Gospel teachings, and the Ten Commandments will be used to help the student explore what it means to be made in the image and likeness of God. Students will understand the theological and moral virtues as a means of conscience formation. Christian morality, with discussion on specific moral issues, is presented as a guide to help the student achieve his or her potential in the light of Catholic Church teachings and directives.

Grade Level: 11 Credit: 1.0
Term: Full Year Prerequisite: None
Status: Required

Theology 4

Semester 1: Living as a Disciple of Jesus Christ in Society - Relates the teaching of Jesus and His Church to the struggles for justice and peace in our lives today. Students will consider the Christian vision of a just world and with God's help the call to personal transformation using the process called the Pastoral Circle. Students will complete an action project that includes ten hours of responding to injustices in the community at large.

Semester 2: Responding to the Call of Jesus Christ - Through a study of Christian lifestyles the student will gain a clearer understanding of the four lifestyle paths; marriage, consecrated life, single and ordained clergy. Students will be challenged to develop Christian values, in light of Jesus' two greatest commandments, and carry these values and attitudes into their future vocations and relationships. Particular attention will be focused on Catholic Christian marriage, emphasizing its scriptural and sacramental character as well as Church teachings, doctrine, and guidance.

Grade Level: 12 Credit: 1.0
Term: Full Year Prerequisite: None
Status: Required

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ENGLISH

English Fundamentals 1

Provides basic instruction in language, literature, and composition. It is intended for students who would benefit from a basic review of and/or intensive instruction in English; including grammar, usage, sentence structure and paragraph development. Students will complete many practice exercises which will help to improve their grasp of written English and to prepare them for future composition courses. Students will also be introduced to basic literary terms as well as the different genres of literature.

Students will read selected literary works including short stories, novels, poems, and plays and discuss literal and inferential details to reinforce their basic comprehension. Placement is based on test scores and recommendations. Students can expect nightly homework/reading and may complete readings or other assignments over school break.

Grade Level: 9 Credit: 1.0
Term: Full Year Prerequisite: Dept. recommendation
Status: Meets Requirement

English 1

Consists of a program of reading, writing, speaking and listening in an orientation to literature, focusing on a variety of literary genres. Emphasis is also placed on a review of grammar and basic writing skills, especially the five paragraph essay. This course is for freshmen who can progress at normal grade-level pace. Placement is based on test scores and elementary school recommendation. Students can expect nightly homework/reading and may complete readings or other assignments over school break.

Grade Level: 9	Credit: 1.0
Term: Full Year	Prerequisite: None

Status: Required

Honors English 1

Consists of an advanced program of literature and writing with a review of grammar. Assignments will be made from a literary anthology, a grammar text, novels, and dramatic works. This course is for freshmen who have demonstrated by test scores and teacher recommendation that they can progress at an accelerated rate. Since literature is studied at an accelerated pace, an essential qualification for this course is a love of reading. Students can expect nightly homework/reading and may complete readings or other assignments over school break.

Grade Level: 9	Credit: 1.0
Term: Full Year	Prerequisite: Above average test scores & teacher recommendation

Status: Meets Requirement

English Fundamentals 2

Continues the study of language, literature, and composition, including grammar, usage, sentence structure, and paragraph and essay development. Students will complete practice exercises to improve their fluency of written English and to prepare for future composition requirements. Students will also review basic literary terms, learn new terms, read selections from different genres of literature, including short stories, novels, poems, plays, and the classics of Greek mythology. Students will be encouraged to use literal and inferential details to go beyond basic reading comprehension. This class follows English 111, and placement is based on test scores and recommendations. Students can expect nightly homework/reading and may complete readings or other assignments over school break.

Grade Level: 10	Credit: 1.0
Term: Full Year	Prerequisite: None

Status: Required

English 2

This course is for sophomores who can progress at a normal grade-level page. It consists of several segments: expository writing; grammar, usage, and mechanics; mythology and its heroes; Shakespearean drama; nonfiction; and selected works of classic and modern fiction. Expository writing skills of planning, organizing, and writing are taught and integrated with the study of the literary topics of heroism, justice and sin and redemption. Students can expect nightly homework/reading and may complete readings or other assignments over school break.

Grade Level: 10	Credit: 1.0
Term: Full Year	Prerequisite: None

Status: Required

Honors English 2

This course is for sophomores who have demonstrated an exceptional ability and interest in language arts and literature, who can read and comprehend above grade level, who have mastered basic skills, and who can work independently. There is an emphasis on reading and writing, including expository, descriptive, narrative, and personal writing. The literature covered in class is taken from the classics of Greek antiquity, Shakespeare, and class and modern novels, as well as poetry from various literary periods. Students are expected to employ upper level skills beyond basic recall and comprehension: analysis, synthesis, and evaluation of literature. Students who have transferred into Gross Catholic or from English 120/130/140 and who enroll in 122/132/142 must successfully complete summer work or a teacher-approved substitute activity as a condition of their enrollment. Students can expect nightly homework/reading and may complete readings or other assignments over school break.

Grade Level: 10	Credit: 1.0
Term: Full Year	Prerequisite: Freshman English teacher recommendation; successful completion of summer work

Status: Meets Requirement

English 3: American Literature

Takes a historical approach to American literature, covering the major authors, characteristics, and literary movements. In addition, students will write a formal research paper, critical essays, and successfully complete a unit of writing for colleges and careers. This course is for juniors who can progress at normal grade-level pace. Students can expect nightly homework/reading and may complete readings or other assignments over school break.

Grade Level: 11	Credit: 1.0
Term: Full Year	Prerequisite: None

Status: Meets Requirement

Honors English 3: American Literature

Covers an in-depth study of American literature. It will take a thematic as well as historical approach, covering the major authors, characteristics and literary movements. In addition, students will be writing formal research papers, historical analysis, and completing a unit of writing for colleges and careers. This course is for juniors who have demonstrated an exceptional level of excellence in writing and literature and the ability to work independently. Students who have transferred into Gross Catholic or are from English 120/130/140 and who enroll in 122/132/142 must complete summer work or have a teacher approved substitute activity as a condition of their enrollment. Students can expect nightly homework/reading and may complete readings or other assignments over school break.

Grade Level: 11	Credit: 1.0
Term: Full Year	Prerequisite: Teacher recommendation & completion of summer work

Status: Meets Requirement

English 4: British Literature

Consists of a chronological approach combining selected works from British literature, modern literature, and world literature. Students work on improving their writing through critical analysis, personal response, and creative writing. This course is for seniors who can progress at normal grade-level pace. Students can expect nightly homework/reading and may complete readings or other assignments over school break.

Grade Level: 12 Credit: 1.0
Term: Full Year Prerequisite: None
Status: Meets Requirement

Dual Enrollment English 4: British Literature (UNO/Metro)

Covers an in-depth study of British literature. The course takes a chronological approach, covering the major authors and literary movements; it will also include poetry and selected major classics of world literature and modern literature. This course is for seniors who have demonstrated an exceptional level of excellence in language arts and literature. College credit may be earned if the student earns a minimum score on the optional AP exams offered in the spring or dual credit program through the College of St. Mary’s. Students who have transferred into Gross Catholic or are from English 120/130/140 and who enroll in 122/132/142 must complete summer work or a teacher approved substitute activity as a condition of their enrollment.

Grade Level: 12 Credit: 1.0
Term: Full Year Prerequisite: Teacher recommendation
Status: Meets Requirement

Dual Enrollment Creative Writing (UNO/Metro)

This course is an introduction to the practice of three genres of creative writing: poetry, fiction, and creative nonfiction. Students will be encouraged to develop their own voice in all three genres in a workshop setting. Published works will be read and discussed, not in order to write an essay or pass an exam, but to improve the student's craft.

Grade Level: 10, 11, 12 Credit: 0.5
Term: One Semester Prerequisite: Sophomore, Junior or Senior
Status: Meets Requirements



BUSINESS

Accounting

This course will focus on teaching students the accounting cycle for a sole proprietorship (while introducing students to accounting concepts for partnerships and corporations). Lessons will be taught from the vantage point of a small business owner and students will be given overall perspective in other areas of running their own company. Discussions on business ethics will be included throughout the semester. This course is recommended for those interested in a career in a business-related field or those who are interested in accounting as a course of study in college.

Grade Level: 10, 11, 12 Credit: 0.5
Term: One Semester Prerequisite: None
Status: Elective

Business Management / Entrepreneurship

Designed for the budding entrepreneur, this class explores the many facets of owning and operating a small business. Topics include becoming an entrepreneur, small business basics, starting a small business, and business ethics. This course is recommended for driven students who are considering business as a course of study in college.

Grade Level: 11, 12 Credit: 0.5
Term: One Semester Prerequisite: Enrollment in the Business Academy
Status: Elective

Introduction to Business-Dual Enrollment (Online) (Metro)

Students learn core concepts and common practices in the business environment. Practical learning experiences examine the challenges and opportunities in today’s business organizations. Students develop a portfolio in the exploration of business careers and academic planning. Topics include business ownership, ethics and social responsibility, entrepreneurship, marketing, management, human resources, legal and regulatory environment, economics, global business, operations, accounting, and finance.

Grade Level: 10, 11, 12 Credit: 0.5
Term: One Semester Prerequisite: None
Status: Elective

Personal Finance-Dual Enrollment (Metro)

Students engage in the analyzing and directing his/her family and/or self’s financial affairs. Emphasis is placed on the basic information needed to choose between financial alternatives and on comparison of consequences of decisions. Included are topics such as budgeting, consumer credit, insurance, taxes, record keeping, saving and investing.

Grade Level: 10, 11, 12 Credit: 0.5
Term: One Semester Prerequisite: None
Status: Meets Requirement

Sports Marketing

This specialized course offers students an opportunity to gain knowledge and develop skills related to the growing sports and entertainment industry. Sports marketing addresses concepts including event planning, athlete/talent acquisition, facilities/location management, merchandise sales, and branding. This course is designed for the serious student looking for an elective that will challenge his/her creative, organizational, and teamwork skills.

Grade Level: 11, 12 Credit: 0.5
Term: One Semester Prerequisite: Enrollment into Business Academy
Status: Elective

WORLD LANGUAGES

Spanish 1

Stresses the four basic communication skills of listening, speaking, writing and reading. Students will study the cultures of the people who speak Spanish. Students need good listening and study skills in order to be successful.

Grade Level: 9, 10, 11, 12 Credit: 1.0

Term: Full Year Prerequisite: None

Status: Meets Requirement

Spanish 2

Students will continue to develop the skills of speaking, reading, writing, and listening. The goal of this class is to enable students to communicate using appropriate language and verb tenses while making use of all four skills. Students will study the cultures of the people who speak Spanish.

Grade Level: 9, 10, 11, 12 Credit: 1.0

Term: Full Year Prerequisite: Spanish 1

Status: Meets Requirement

Spanish 3

Continued development of communication skills in Spanish. Students will explore the civilization and culture of the Spanish- speaking world through literature. Students will study a variety of topics dealing with practical day to day language. They will use the language in conversation, discussions, and projects.

Grade Level: 10, 11, 12 Credit: 1.0

Term: Full Year Prerequisite: Spanish 2 with a "C" or above and Teacher recommendation

Status: Meets Requirement

Fall into Literature in Spanish

Research shows that reading increases language fluency, vocabulary, and sentence structure. Students will enjoy interesting short stories and novels in different genres that offer a look at character challenges and solutions and cultural insights while traveling by story to different countries. Another focus will be on listening to, summarizing, discussing, and writing about our short stories and novels.

Grade Level: 11, 12 Credit: 0.5

Term: Semester Prerequisite: Spanish 3

Status: Meets Requirement

Spring into Literature in Spanish

Research shows that reading increases language fluency, vocabulary, and sentence structure. Students will enjoy interesting short stories and novels in different genres that offer a look at character challenges and solutions and cultural insights while traveling by story to different countries. Another focus will be on listening to, summarizing, discussing, and writing about our short stories and novels.

Grade Level: 11, 12 Credit: 0.5

Term: Semester Prerequisite: Spanish 3

Status: Meets Requirement

Spanish 4

Will enable students to communicate in Spanish while using specialized grammar and vocabulary. Students will strive to achieve a higher level of performance using all communications skills. Students will improve reading skills while studying short stories and a novel. Students will practice communication skills in class and receive frequent written and oral projects. Students will explore the civilization and culture of the Spanish speaking through literature and online resources.

Grade Level: 11, 12 Credit: 1.0

Term: Full Year Prerequisite: Spanish 3 with a "C" or above and Teacher Recommendation

Status: Meets Requirement

Spanish Language & Culture- Advanced Placement/ Dual Enrollment (Metro)

AP Spanish Language and Culture is designed to provide advanced high school students with a challenging opportunity to study the language and culture of the Spanish-speaking world that is approximately equivalent to an upper-intermediate college Spanish course. This course strives to promote both fluency and accuracy in language use and not to overemphasize grammatical accuracy at the expense of communication. It provides students with opportunities to demonstrate proficiency in all communication modes: speaking, listening, reading, and writing. This course develops students' awareness and appreciation of culture in both contemporary and historical contexts. In order to best facilitate the study of language and culture, the course is taught in Spanish.

Grade Level: 12 Credit: 1.0

Term: Full Year Prerequisite: Spanish 4 with a "C" or above and Teacher recommendation

Status: Meets Requirement

French 1- Dual Enrollment (Online) (MCC FREN 1110)

Students will be introduced to the French language and culture. This class will stress the four basic communicative skills of listening, speaking, writing, and reading. Students need good listening and study skills in order to be successful.

Grade Level: 10, 11, 12 Credit: 1.0

Term: Full Year Prerequisite: None

Status: Meets Requirement

French 2- Dual Enrollment (Online) (MCC FREN 1120)

Students will build upon the language skills learned in level one using the basic communicative skills of listening, speaking, reading and writing. The students will continue to learn about the French speaking people and the unique attributes of their cultures.

Grade Level: 10, 11, 12 Credit: 1.0
Term: Full Year Prerequisite: French 1
Status: Meets Requirement

French 3- Dual Enrollment (Online) (MCC FREN 2110)

The student will refine usage of the four basic communicative skills of listening, speaking, reading and writing. Students will communicate using more specialized vocabulary, grammar, and structures. The students will continue to learn about the culture and history of France and other French speaking regions.

Grade Level: 11, 12 Credit: 1.0
Term: Full Year Prerequisite: French 2 with a “C” or above & Teacher recommendation
Status: Meets Requirement

French 4- Dual Enrollment (Online) (MCC FREN 2120)

This course will enable students to communicate in French while using specialized grammar and vocabulary. The students will refine skills and will strive to achieve a higher level of performance using all communication skills. Emphasis will especially be placed on oral communication.

Grade Level: 11, 12 Credit: 1.0
Term: Full Year Prerequisite: French 3 with a “C” or above & Teacher recommendation
Status: Meets Requirement



SOCIAL STUDIES

American Government

Students will become acquainted with the structure and function of government with emphasis on the federal, state, and local levels. Content areas include the Constitution and civil rights, the presidency, Congress, federal courts, and the Nebraska Unicameral. Students must read from the textbook, and participate in classroom discussions, lectures, and simulations.

Grade Level: 12 Credit: 0.5
Term: One Semester Prerequisite: None
Status: Meets Requirement

American Government- Advanced Placement/Dual Enrollment (UNO/Metro)

Study of the Constitutional underpinnings of democracy in the U.S., political beliefs and behavior of individuals, political parties and interest groups, the Congress, presidency, federal courts, and the bureaucracy, civil liberties and civil rights. Students should have an interest in the American political process, and the ability to do honor level work as demonstrated in previous Social Studies classes. Students have the option to take the Advanced Placement Test for college credit.

Grade Level: 12 Credit: 0.5
Term: One Semester Prerequisite: Teacher recommendation
Status: Meets Requirement

American History

Investigates the major historical topics and events in the development of the United States during the last part of the 19th century and throughout the 20th century. The first semester will focus on the Age of Imperialism during the 1890’s – early 1900’s to the Great Depression years. The second semester will encompass the time period from World War II to the key historical events of the 1990’s. Reading, writing, and research will be emphasized in studying a variety of historical themes.

Grade Level: 11 Credit: 1.0
Term: Full Year Prerequisite: None
Status: Meets Requirement

American History-Advanced Placement/Dual Enrollment (UNO/Metro)

During the first semester, the following topics will be covered: the indigenous and pre-contact era, the exploration of North America, the establishment of the American Colonies, the road to the American Revolution, the American Revolution, the writing of the Constitution and early American government, the early 1800’s including early Presidents, war or 1812, and the rise of Democracy, the mid 1800’s including slavery, western expansion, sectionalism in the United States, and path and end of the Civil War. During the second semester the following topics will be covered- Reconstruction, politics of the late 1800’s, Imperialism, progressivism, World War I, 1920’s, Great Depression, New Deal of the 1930’s, World War II, The Cold War, the 1950's, 1960's, 1970's, 1980's, and present-day history. The year-long course covers a breadth and depth of information that examines the nation’s political, diplomatic, intellectual, cultural, social, and economic theory. Students who enroll for dual credit in the fall will earn credit for UNO HIST 1110. Students who enroll for dual credit in the spring will earn credit for UNO HIST 1120. In addition to meeting all curricular requirements for the UNO course, this course meets all requirements of the advanced placement test.

Grade Level: 11 Credit: 1.0
Term: Full Year Prerequisite: Teacher recommendation
Status: Meets Requirement

Economics

Students will have an introduction into the basics of economics including economic concepts, microeconomics and macroeconomics. Focus will be applied to the concepts of scarcity, opportunity costs, trade-offs, productivity, free market systems (a reinforced discussion from Personal Finance), and economic institutions. Microeconomics studies the relationship between individual consumers and producers in a capitalist system. The curriculum map will then turn to macroeconomics as it relates to inflation, unemployment, GDP, and trade balances/imbalances

Grade Level: 11, 12 Credit: 0.5

Term: One Semester Prerequisite: None

Status: Meets Requirement

Introduction to Criminal Justice

Students will learn about the various aspects of the criminal justice system. The focus of the class will be how the police, courts, and correctional system work together to reduce and prevent crime, prosecute those accused of breaking the law, and punish those who break the law in order to protect the public and reduce crime. This class is recommended for any student who is planning to major in criminal justice or is interested in working in the criminal justice field.

Grade Level: 10, 11, 12 Credit: 0.5

Term: One Semester Prerequisite: None

Status: Meets Requirement

Introduction to Psychology- Dual Enrollment (Online) (Metro)

This course is an introduction to the science of psychology, including the application of critical thinking to the study of learning theory, memory, personality, growth and development, biological and neurological aspects, abnormal behavior, therapies, intelligence, motivation, emotion, sensation, perception, and theoretical perspectives.

Grade Level: 10, 11, 12 Credit: 0.5

Term: One Semester Prerequisite: None

Status: Meets Requirement

Psychology

An introduction to the basic concepts of psychology. The course will give an overview of psychology in the areas of research, behavior, learning, and human development. Recommended for students planning a people-oriented career in psychology, social service, health, or the criminal justice system.

Grade Level: 10, 11, 12 Credit: 0.5

Term: One Semester Prerequisite: None

Status: Meets Requirement

Sociology

This course is an introduction to basic sociological concepts along with the study of current issues and trends in American society. The primary focus of this course is on topics which have relevance to high school students. Such topics include cultural values and laws that shape our behavior, adolescent behavior, social deviance and control, racial and ethnic relations, and family life. This course is for students who are interested in a variety of issues that face today's society.

Grade Level: 10, 11, 12 Credit: 0.5

Term: One Semester Prerequisite: None

Status: Meets Requirement

World Geography

This course will begin with an introduction to the Five Themes of Geography and the development of map skills. Throughout the semester political maps of each region will be completed. The remainder of the semester will be spent studying the different regions of the world, specifically looking at the physical environment, culture and people, economic activities, and political issues of each region.

Grade Level: 9, 10, 11, 12 Credit: 0.5

Term: One Semester Prerequisite: None

Status: Meets Requirement

World History

Study of the major themes during the modern era of world history. Topics of study begin with Renaissance and Reformation and conclude with the World War II era. The emphasis of this course is to discuss the political, social, and economic changes associated with the major events of the modern era.

Grade Level: 10 Credit: 1.0

Term: Full Year Prerequisite: None

Status: Required

World History-Advanced Placement/Dual Enrollment (UNO/Metro)

This course is an examination of selected societies since the beginning of the modern era. In addition to meeting all curricular requirements of the UNO course, the course meets all requirements of the advanced placement exam. The following topics in World History will be covered covering the years of 1200-Present: The Global Tapestry, Networks of Exchange, Land Based Empires, Transoceanic Interconnections, Revolutions, Consequences of Industrialization, Global Conflict, Cold War and Decolonization, and Globalization. The course will be centered upon the lectures and discussions led by the instructor, supplemented by the students' reading of the assigned materials. This course also fulfills a UNO General Education requirement and is aligned with the following General Education Student Learning Outcomes (SLO's).

Grade Level: 10 Credit: 1.0

Term: Full Year Prerequisite: Freshman English teacher recommendation, Recommendation of World Geography

Status: Meets Requirement



MATHEMATICS

Pre-Algebra

Reviews basic mathematical operations and introduces algebraic concepts. The course will provide a review of whole numbers, decimals, and fractions within the context of algebraic concepts, e.g., variables, similar terms, and exponents. Students will begin to learn methods of solving equations, performing operations on signed numbers, and using formulas. The course will use real life situations to illustrate how Algebra fits into the real world.

Grade Level: 9 Credit: 1.0
Term: Full Year Prerequisite: Placement exam scores and teacher recommendation
Status: Meets Requirement

Algebra 1

The study of the structure of the real number system and the basic concepts involved in this structure; algebraic terminology, the number lines, variables, polynomials, factoring, problem solving, rational, irrational numbers, and graphing linear equations. Recommendations are based on entrance test scores and eighth grade teacher input.

Grade Level: 9, 10 Credit: 1.0
Term: Full Year Prerequisite: Placement exam scores and teacher recommendation
Status: Meets Requirement

Algebra 2

Expands the student's knowledge of Algebra and develops further applications of previous courses, while preparing them for future Mathematics classes. Includes all of Intermediate Algebra as well as polynomial, radical, and rational functions. Graphing calculators are required and used extensively throughout the course.

Grade Level: 10, 11, 12 Credit: 1.0
Term: Full Year Prerequisite: Algebra 1, Geometry and teacher recommendation
Status: Meets Requirement

Essential College Algebra

This class is patterned after the post-secondary algebra class required for many college majors. It will cover topics including: linear, quadratic, and polynomial functions and their graphs, systems of linear equations, factoring, polynomial operations, operations with rational expressions and solving rational equations, exponential and logarithmic functions, statistics, graphic representations of statistics, and probability. It is not possible to earn college credit by taking this class.

Grade Level: 11, 12 Credit: 1.0
Term: Full Year Prerequisite: Intermediate Algebra, or Algebra 2, and teacher recommendation
Status: Meets Requirement

Geometry

Students will study the rules of logic and the construction of formal proofs. The properties of parallel lines, triangles, polygons, and circles will also be explored. Right triangle trigonometry is introduced, as well as planar and space measurements. Algebra is incorporated into the solution of problems throughout the course.

Grade Level: 9, 10, 11 Credit: 1.0
Term: Full Year Prerequisite: Placement exam scores and teacher recommendation
Status: Meets Requirement

Intermediate Algebra

Concentrated study of the structure and theory of the real number system. Includes a review of first-year Algebra, but with more emphasis on understanding structure. Equation solving and its application to the solution of real word problems are also emphasized. The concepts of relations and functions are developed, including linear and quadratic relations and functions.

Grade Level: 10, 11, 12 Credit: 1.0
Term: Full Year Prerequisite: Algebra 1, Geometry and Teacher Recommendation
Status: Meets Requirement

Precalculus with Trigonometry [1464]

Pre-Calculus combines previous study of algebra, geometry, and mathematical functions into a preparatory course for calculus. This course is for students who are pursuing a four-year math program. The course includes a thorough examination of Algebra, Trigonometry and graphing methods necessary to complete Calculus and provides an in-depth study of all types of functions. Extensive use of graphing calculators is implemented throughout the curriculum.

Grade Level: 10, 11, 12 Credit: 1.0
Term: Full Year Prerequisite: Algebra 2 with “B” or higher and teacher recommendation
Status: Meets Requirement

Precalculus with Trigonometry- Honors
Honors Pre-Calculus combines the previous study of algebra, geometry, and mathematical functions into a preparatory course for calculus. The course is for students with high ability who are pursuing a four-year math program. The course focuses on mastery of critical skills and exposure to new skills necessary for success in subsequent math courses. The course includes a thorough examination of Algebra, Trigonometry and graphing methods necessary to complete Calculus and provides an in-depth study of all types of functions. Extensive use of graphing calculators is implemented throughout the curriculum. Recommended for students who plan to study math or science in college.

Grade Level: 10, 11, 12 Credit: 1.0
Term: Full Year Prerequisite: Algebra 2 with "A" or higher and teacher recommendation
Status: Meets Requirement

Calculus I -Advanced Placement/Dual Enrollment (UNO)
This course emphasizes the study of functions and graphs of functions, limits, derivatives and applications of derivatives, and integration. In addition to meeting the curricular requirements of the UNO course, this course meets the requirements for the advanced placement exam.

Grade Level: 11, 12 Credit: 1.0
Term: Full Year Prerequisite: Honors Pre-Calculus with Trig and teacher recommendation
Status: Meets Requirement

Statistics-Advanced Placement
This course is equivalent to a non-calculus based introductory college statistics course. The course will pursue the four major themes outlined by the College Board: Exploring data and observing patterns within data, design of statistical studies, modeling of statistical phenomena, and making judgements about the reliability of these models. In a specific and conscious effort to prepare students for the Advanced Placement Statistics Exam, emphasis is placed on the application of statistics and appropriate statistical methods to practical situations through the use of appropriate technological aids. Recommended for students who wish to prepare for college level statistics.

Grade Level: 11, 12 Credit: 1.0
Term: Full Year Prerequisite: Honors Pre-Calculus with Trig and teacher recommendation
Status: Meets Requirement

SCIENCE
Biology
Life science course that deals with the following topics: cell and cell chemistry, principles of heredity, bacteria, multicellular plants, vertebrate animals, invertebrate animals and human anatomy, environmental issues, and classification. Recommended for freshmen with average reading ability.

Grade Level: 9 Credit: 1.0
Term: Full Year Prerequisite: None Status: Meets
Life Science Requirement

Biology- Fundamentals
Life Science course that deals with the following topics: cell and cell chemistry, principles of heredity, bacteria, multicellular plants, vertebrate animals, invertebrate animals and human anatomy, environmental issues, and evolution. Recommended for freshmen with a low placement exam score or who have historically struggled in math, science, and/or reading courses.

Grade Level: 9 Credit: 1.0
Term: One Year Prerequisite: Placement test scores and Middle school teacher recommendations
Status: Meets Requirement

Biology- Honors
Students will be required to do in-depth work covering various topics, including but not limited to cells and cell chemistry, genetics and heredity, taxonomy, bacteria, plants, vertebrate and invertebrate animals, human anatomy, and ecosystems. Recommended for freshmen with above average reading and reasoning skills.

Grade Level: 9 Credit: 1.0
Term: Full Year Prerequisite: Above average reading scores and teacher recommendation
Status: Meets Life Science Requirement

Biology- Advanced Placement/Dual Enrollment (UNO)
This class is designed to be the equivalent of a college-level introductory biology course. Students will study a wide variety of biological topics through lectures, laboratory activities, and research projects. These topics include biochemistry, cellular biology, metabolism, molecular biology, population genetics, diversity of microorganisms and larger organisms, and ecology. This course is recommended for students who are interested in pursuing further studies in science and/or medicine. The option of taking the Advanced Placement Exam at the end of the school year to potentially receive college credit is also available.

Grade Level: 11, 12 Credit: 1.0
Term: Full Year Prerequisite: Biology and Chemistry with "A" or "B"
Status: Meets Life Science Requirement

Chemistry

This course provides an overview of the principles of chemistry and their application. Students will develop their skills of recording and interpreting scientific data, calculate simple chemical relationships, and solve problems related to chemistry topics. Topics include properties of elements and compounds, atomic structure, chemical bonding and reactions, and energy of reactions. This course is for students with a general interest in chemistry and science with average reading ability and math skills.

Grade Level: 10, 11, 12 Credit: 1.0

Term: One Year Prerequisite: Adv. Bio with "C" or above or Biology with "B" or above

Status: Meets Earth Science Requirement

Chemistry- Honors

This course provides an in-depth overview of the principles of chemistry and their application. Students will develop skills of designing laboratory procedures, determining relationships in data using mathematical and graphing skills, and investigate chemistry topics in order to solve problems. Topics include properties of elements and compounds, atomic structure, chemical bonding and reactions, and energy of reactions. This course is for students with above average reading and math skills who are looking to prepare for advanced placement science courses, and who are looking at a career in STEM.

Grade Level: 10, 11, 12 Credit: 1.0

Term: One Year Prerequisite: Algebra 1 with "B" or above or Geometry and teacher recommendation

Status: Meets Earth Science Requirement

Chemistry-Advanced Placement

This course is designed to be the equivalent of a college general chemistry course. Topics which are covered include atomic theory and structure, bonding, gasses, solutions, reactions, stoichiometry, equilibrium, as well as thermodynamics. AP Chemistry includes both a lecture portion as well as an extensive laboratory portion. This course is for students who plan further study in the areas of science, mathematics, or engineering. The option of taking the advanced placement exam in the spring to receive college credit is available.

Grade Level: 11, 12 Credit: 1.0

Term: One Year Prerequisite: Algebra 2 and Chemistry

Status: Meets Earth Science Requirement

Earth Science

Students will examine broad-based aspects of the four branches of Earth Science: geology, oceanography, meteorology, and astronomy. This course includes units on plate tectonics, earthquakes and volcanoes, the rock cycle, weathering and erosion, the cycle of water, atmosphere and climate, our solar system, and the universe. Student progress is monitored through unit tests, student projects and presentations.

Grade Level: 11, 12 Credit: 0.5

Term: One Semester Prerequisite: None

Status: Meets Earth Science Requirement

Environmental Science

Students will study various areas of science and math as they relate to real world environmental issues. Topics discussed may include human and animal interactions with the environment, pollution issues, alternative energy, populations, and natural resources management.

Grade Level: 11, 12 Credit: 0.5

Term: One Semester Prerequisite: None

Status: Meets Earth Science Requirement

Physical Science

The first semester of this course begins with an introduction to scientific disciplines, methods, and measurements. The remainder of the semester covers basic chemistry, including states and properties of matter, atomic structure, the periodic table, chemical bonding, and the pH scale. The second semester covers basic physics, including motion, forces, energy, work, simple machines, and the electromagnetic spectrum. Students will study these topics through lectures, laboratory activities, and research projects.

Grade Level: 10 Credit: 1.0

Term: Full Year Prerequisite: None

Status: Meets Earth Science Requirement

Physics

Topics to be covered include the laws of motion, force, momentum, forms of energy, and light. Concepts will be stressed with a mathematical emphasis on problem solving. This course is recommended for the student planning a college major in a math or science-related field, such as engineering or health care, or students seeking to understand their physical environment from a mathematical point of view.

Grade Level: 11, 12 Credit: 1.0

Term: One Year Prerequisite: Geometry with an "A" or Algebra 2

Status: Meets Earth Science Requirement

Physics-Advanced Placement

This course includes topics in both classical and modern physics. Knowledge of algebra and basic trigonometry is required. Basic ideas of calculus may be introduced in connection with the physical concepts such as acceleration and work. Understanding basic principles and applying these principles to solve problems is the major goal of this course. This course is for students that plan further study in the areas of science, mathematics, or engineering. An option of taking the advanced placement test in the spring for college credit is available. It is recommended that students be enrolled in or have successfully completed Calculus.

Grade Level: 11, 12 Credit: 1.0

Term: One Year Prerequisite: Physics with "B" or higher OR AP Chemistry with "B" or higher

Status: Meets Earth Science Requirement

Anatomy and Physiology

This is an upper-level biology course that focuses on the structure and function of the human body using lectures, laboratory activities, and research projects. Anatomical terms, body tissues, and the major organ systems (integumentary, skeletal, muscular, nervous, sensory, endocrine, cardiovascular, immune, respiratory, digestive, urinary, and reproductive) are all studied. This course is recommended for students who are interested in pursuing further studies in medicine, and for students who are interested in learning more about how the human body works.

Grade Level: 11, 12 Credit: 1.0
Term: One Year Prerequisite: Physical Science with an "A" or Chemistry with a "B" or above
Status: Meets Life Science Requirement



INFORMATIONAL TECHNOLOGY

Architectural Engineering

In this course students will apply concepts of science and engineering to structure and building design which will include building informational 3D modeling. Students will be introduced to important concepts of engineering through projects and teamwork. This course is recommended for students interested in exploring architectural and structural engineering.

Grade Level: 10, 11, 12 Credit: 0.5
Term: One Semester Prerequisite: Engineering Design
Status: Elective

Computer Programming and Security

In this course students will explore computer programming, network configuration, data access and security. Students will be introduced to text based scripting such as JavaScript and Python, and will learn to manage Linux based systems such as the Raspberry Pi. This course is recommended for all students since computer knowledge is required in all career fields.

Grade Level: 9, 10, 11, 12 Credit: 0.5
Term: One Semester Prerequisite: Algebra with "B" or above
Status: Elective

Computer Science-Advanced Placement

This course focuses on computer program development and computer program design issues. Students will learn well-known algorithms and data structures; read program documentation and write well-structured solutions in the Java language. This course is intended to serve as an introductory course in college level computer science for students intending to major in computer science in college, as well as students planning to major in other disciplines that require computer programming skills.

Grade Level: 10, 11, 12 Credit: 1.0
Term: Full Year Prerequisite: Algebra 2 with "B" or higher, Visual Program & Computer Programming recommended
Status: Elective or teacher recommendation

Digital Photography

Students will learn how to use a Digital Single Lens Reflex camera. Students will demonstrate understanding of both the camera and basic composition skills through a series of specific assignments and quizzes. Various photo projects will be presented using Google Slides. The final project will include a Google Slides photo story. Students will also explore the history of photography and various aesthetic movements. Access to a digital camera (even a point-and-shoot) is beneficial, but not necessary. A limited number of DSLR and point-and-shoot cameras are available for check-out.

Grade Level: 9, 10, 11, 12 Credit: 0.5
Term: One Semester Prerequisite: None
Status: Elective

Engineering Design and 3D Modeling

In this course students will explore design processes, sketching and drawing, measurement, and modeling. Students will be introduced to the basics of engineering design and documentation including 3D modeling and printing. This course is recommended for students that are interested in an introduction to the engineering career field.

Grade Level: 9, 10 Credit: 0.5
Term: One Semester Prerequisite: Enrolled in Algebra 1
Status: Meets Technology Requirement

Graphic Design

Students in Graphic Design will learn how to use Adobe Illustrator to create various art and design projects on the computer.

Grade Level: 9, 10 Credit: 0.5
Term: One Semester Prerequisite: None
Status: Elective

Introduction to Technology

Recommended for the student with limited technology experience, particularly in keyboarding and Google Workspace (i.e., docs, sheets, slides). This course will focus on the fundamental elements of digital citizenship, the 4 C's of 21st Century skills (communication, collaboration, critical thinking, and creativity), and digital resource usage and ethics. Students will be expected to further develop proper keyboarding techniques, improve their typing speed and accuracy, increase familiarity with Google Workspace and other digital media, and understand copyright and fair use. In this course, students will create digital products similar to those most utilized at Gross Catholic and learn initial troubleshooting and critical thinking skills. All assignments and assessments are completed online.

Grade Level: 9 Credit: 0.5
Term: One Semester Prerequisite: PC or MAC device, preferably not tablets
Status: Meets Technology Requirement

Robotics Engineering

In this course students will apply concepts of science and engineering to machine design, electronics, and microprocessor control systems. Students will be introduced to important concepts of engineering through robotics based projects and teamwork. This course is recommended for students interested in exploring mechanical, electrical, and computer engineering.

Grade Level: 10, 11, 12 Credit: 0.5
Term: One Semester Prerequisite: Engineering Design
Status: Elective

Visual Programming and Game Design

In this course students will explore visual programming and graphic design. Students will be introduced to programming methods and will develop simple applications and games. This course is recommended for all students since basic computer programming concepts are required in all career fields.

Grade Level: 9, 10, 11, 12 Credit: 0.5
Term: One Semester Prerequisite: Algebra with "B" or above
Status: Elective

Yearbook Production

Covers all facets of publication of the school yearbook, including interviewing and reporting, writing, editing, photography, layout, artwork, and desktop publishing. Each student shares responsibilities in publishing a section of the yearbook. This is for students who wish to be on the yearbook staff.

Grade Level: 10, 11, 12 Credit: 1
Term: Full Year Prerequisite: Teacher recommendation
Status: Meets Requirement/Elective

PERFORMING ARTS

Acting 1

In this course, together we will explore your strengths and areas of opportunity for growth as actors. This class will connect you with strategies and techniques to improve and hone your skills as an actor. Students will be expected to be involved in all Dux Esto Drama productions for the semester in some capacity (either tech or performance). There is a written and performance component to this course. All levels of actors are welcome. This course is recommended for anyone with an interest in performance.

Grade Level: 9, 10, 11, 12 Credit: 0.5
Term: One Semester Prerequisite: None
Status: Elective

Beginning Instrumental Music

The class will work towards learning how to play songs individually and as a group. This course is also a prereq for the Modern Music Ensemble and/or Liturgical/ Praise and Worship Band. Students will get at least one private or small group lesson per week and have class time to practice their instrument. Students will learn all the basic techniques and instrument care needed to participate in a high school band program. A limited number of school instruments are available to rent, free of charge. If no school instrument is available, students will need to rent an instrument from a local music store.

Grade Level: 9, 10, 11, 12 Credit: 1.0
Term: Full Year Prerequisite: None
Status: Elective

Concert Band

A musical ensemble specifically for students who play wind instruments. Rehearses separately from the Percussion Ensemble, but collaborate together for Concert Band performances. Performances will include the Pep Band at Gross Catholic athletics, Concert Band concerts, and small ensemble and solo opportunities at concerts and local festivals.

Grade Level: 9, 10, 11, 12 Credit: 1.0
Term: Full Year Prerequisite: None
Status: Elective

Concert Choir

Consists of learning the basics of proper singing, learning to read music, and performing for various concerts. Students must attend and participate in all scheduled rehearsals and performances, and complete occasional assignments. Recommended for students interested in singing and studying vocal music.

Grade Level: 9, 10, 11, 12 Credit: 1.0
Term: Full Year Prerequisite: None
Status: Elective

Jazz Band

Consists of performing the various styles of music in the jazz idiom. Students also learn improvisation. This course is for Concert Band students who wish to play in a jazz-oriented group. Students who play guitar, bass, or piano and are not in Concert Band may audition for membership.

Grade Level: 10, 11, 12 Credit: 0.5
Term: One Semester Prerequisite: Teacher recommendation
Status: Elective

Latino Music Ensemble

The Latino Music Ensemble is a performance centered group that will focus on traditional to new Latin music. The group will be comprised of a wide range of instruments from guitars, bass, percussion, voice, strings, winds voice and the possibility of many others.

Grade Level: 9, 10, 11, 12 Credit: 0.5

Term: One Semester Prerequisite: None

Status: Elective

Music Technology and Production

This class will focus on the tools and techniques of creating music in a live setting as well as electronically. Students will learn how to set up and run sound and recording equipment and get familiar with programs such as Ableton and Garageband. This class is for anyone interested in creating digital music or recording live music.

Grade Level: 9, 10, 11, 12 Credit: 0.5

Term: Full Year Prerequisite: None

Status: Elective

Percussion Ensemble

A musical ensemble specifically for students who play percussion instruments. Members will perform with the Concert Band for performances in addition to a small ensemble focused around the varying percussion instruments. Performances will include the drumline and pep band at Gross Catholic athletics, small ensemble concerts as the Percussion Ensemble, large ensemble concerts with the Concert Band, and solo opportunities at concerts and local festivals.

Grade Level: 9, 10, 11, 12 Credit: 1.0

Term: Full Year Prerequisite: None

Status: Elective

Stagecraft

In this class, we will learn about designing and building the set for a theatrical production. This will include learning about building materials, power tool/hand tool safety and designing set pieces and props. Students will build the set for the spring GC Theatre production during class. This is for anyone interested in participating in theater from the technical and production standpoints.

Grade Level: 9, 10, 11, 12 Credit: 0.5

Term: One Semester Prerequisite: None

Status: Elective

Tap & Jazz Dance

In this course, students will become acquainted with the basic techniques in tap dance, as well as anatomical awareness that is pervasive throughout their lives. Gaining movement skills and finding confidence and enjoyment through movement are a focus of this class. No previous dance experience is necessary. Dancers of all skill levels are encouraged to take this course.

Grade Level: 9, 10, 11, 12 Credit: 0.5

Term: One Semester Prerequisite: None

Status: Elective

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VISUAL ARTS

2D Design - Dual Enrollment (Metro)

Students participating in Intro to Art and Design will build foundational visual arts knowledge, literacy and creative skills concentrating on the elements of art (line, shape, value color and texture) and the principles of design (rhythm, movement, balance, proportion, variety, emphasis and unity). Projects will be 2D using a variety of materials including pencil, paint, ink, collage, printmaking, etc. Emphasis will be placed on visual communication, idea building, and critical analysis in the context of historic and contemporary art and design.

Grade Level: 9, 10, 11, 12 Credit: 0.5

Term: One Semester Prerequisite: None

Status: Elective

Drawing -Dual Enrollment (Metro)

Through several beginner-level drawing lessons and exercises, students will enhance their drawing, creative and critical thinking skills. Students will use a variety of materials and a range of subjects. The course will focus on using line, shape, form, value, scale and texture with the intent of developing dexterity and perception. Emphasis is also placed on visual communication, idea building, and critical analysis in the context of historic and contemporary art and design.

Grade Level: 10, 11, 12 Credit: 0.5

Term: One Semester Prerequisite: Art 1 and teacher recommendation

Status: Elective

Introduction to Design

Students in Introduction to Design will continue developing their visual arts knowledge, literacy skills, and creativity concentrating on the principles of design (rhythm, movement, balance, proportion, variety, emphasis, and unity). Projects will be both 2D and 3D utilizing several materials.

Grade Level: 10, 11, 12 Credit: 0.5

Term: One Semester Prerequisite: Art 1 and teacher recommendation

Status: Elective

Painting

Using mostly acrylic paints, students will practice painting techniques, color theory, and creating the illusion of space, representing a variety of subject matters. By completing several paintings, students will expand their imagination and interpretation of the world around them.

Grade Level: 10, 11, 12 Credit: 0.5

Term: One Semester Prerequisite: Art 1 and teacher recommendation

Status: Elective

Painting-Advanced

Students in advanced painting will expand their skills to complete artwork that is both challenging and thought-provoking. Large- scale painting, painting on objects, and using non-traditional materials are possible projects we will be undertaking in this class.

Grade Level: 10, 11, 12 Credit: 0.5

Term: One Semester Prerequisite: Art 2 and teacher recommendation

Status: Elective

Pottery 1

Students in Pottery 1 will be introduced to the 3D medium clay to craft several finished works. Pinch, coil, slab, and wheel-thrown construction methods, as well as common tools and processes, will be used to create both functional and sculptural works of art.

Grade Level: 9, 10, 11, 12 Credit: 0.5

Term: One Semester Prerequisite: None

Status: Elective

Pottery 2

Students in Pottery 2 will develop and enhance skills learned in Pottery 1 to create artworks that are more thoughtful and complicated.

Grade Level: 10, 11, 12 Credit: 0.5

Term: One Semester Prerequisite: Pottery 1 and teacher recommendation

Status: Elective

Studio Art (Art 4)

Students in Studio Art are encouraged to build a portfolio of a variety of work in several materials. They will develop goals and a plan for their work, and document their progress. This is a course for students who have taken several art classes and are thinking of pursuing a creative career.

Grade Level: 11, 12 Credit: 0.5

Term: One Semester Prerequisite: Advanced and teacher recommendation

Status: Elective

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PHYSICAL EDUCATION

Introduction to Physical Education & Health

This ninth grade course is designed to involve the student in activities that promote fitness through a variety of activities. The health section will focus on timely topics which will aid the student in making decisions that will promote a healthy lifestyle.

Grade Level: 9 Credit: 0.5

Term: One Semester Prerequisite: None

Status: Required

Individual and Team Sports

The course is designed for grades 10 - 12 and will provide the student with instruction and participation in many different team and individual sports. This course will focus on games, regulations, and strategy as well as skill development. Students interested in maintaining an active lifestyle should sign up for this course. This course may only be taken once as an elective.

Grade Level: 10, 11, 12 Credit: 0.5

Term: One Semester Prerequisite: None

Status: Elective

Introduction to Strength & Conditioning

This is an introductory class with the focus on weight training and conditioning. Emphasis will be placed on safety, proper technique and improving the general fitness level of the student.

Grade Level: 9, 10, 11, 12 Credit: 0.5

Term: One Semester Prerequisite: None

Status: Elective

Strength & Conditioning

The main focus of the class will be on weight training and conditioning to help enhance athletic performance by gaining strength, improving flexibility, and coordination.

Grade Level: 9, 10, 11, 12 Credit: 0.5

Term: One Semester Prerequisite: None

Status: Elective

Introduction to Professional Education- Dual Enrollment (Metro)
An overview of education in the United States viewed in terms of history, philosophy, finance and governance, this course encourages critical thought regarding the role of education in our multicultural society, the role of the teacher, and educational practices in schools. The course is designed to help students explore education as a prospective career.
Grade Level: 10, 11, 12 Credit: 0.5
Term: One Semester Prerequisite: None
Status: Elective

Study Skills
Study Skills is designed for students to understand the relationship between study habits, academic performance, and organizational skills that will enhance academic performance through self-management of materials and time. Skills based activities covered are Reading, Writing, Math and English.
Grade Level: 9, 10, 11, 12 Credit: 1
Term: Full Year Prerequisite: None
Status: Elective

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METROPOLITAN COMMUNITY COLLEGE

Metro Navigator:
Tara Nettifee (mccnavigator@gcgmail.org)

CollegeNOW! and Kickstart Online Institute

Gross Catholic is partnering with Metropolitan Community College in an effort to provide affordable opportunities for students to earn college credit. The CollegeNOW! and Kickstart Online Institute are two online programs offered by MCC. Both programs offer opportunities for college-ready students to earn college credit. These courses do not earn high school credit and are not documented on the student’s Gross Catholic transcript. The credits earned will be documented on a Metro transcript that can be sent to colleges/universities as transfer credits. To see all the course offerings and to learn more about our partnership with Metropolitan Community College, [click here](#).

MCC Career Academies

MCC’s Career Academy program is designed to provide high school juniors and seniors with opportunities to jump start their post- secondary education. MCC Career Academies increase student knowledge in various career fields prior to high school graduation, so more informed career choices can be made. Through a MCC Career Academy, students gain practical skills for specific career areas, knowledge of safety procedures, job-seeking skills, interpersonal skills for the workplace, and exposure to a college environment. (Complete information can be found here: www.mcc.neb.edu/careeracademy)





BUSINESS ACADEMY



Gross Catholic High School's Business Academy offers tracks in Marketing and Entrepreneurship. Roughly 1 in 5 college students choose a Business major. This academy allows students to get a head start by earning college credit right here at the school.

Who should enroll in the Business Academy?

The Business Academy is for students who are interested in pursuing a career in any business related field. Students will be able to choose from two tracks; Marketing and Entrepreneurship.

Prerequisites (both tracks)

Freshman and Sophomore years:

- Algebra I
- Intro to Technology

Marketing Required Courses

- Personal Finance (DE)
- Intro to Business (DE)
- Human Relations (DE)
- Creative Writing (DE)
- Sports Marketing (DE)
- Field Experience

Field Experience:

During the student's senior year, they will gain field experience with Gross Catholic's Marketing Department and local professionals.

Entrepreneurship Required Courses

- Personal Finance (DE)
- Intro to Business (DE)
- Human Relations (DE)
- Business Management
- Accounting
- Field Experience

Field Experience:

TBD

**\$125
Academy
Fee**

***Intro to Business and Human Relations are exploratory courses that students can take as early as their Sophomore year to determine if the Business Academy would be a good fit.**

Interested students will complete an interest form. Students should see Mrs. McNamara if they are interested in joining an academy.



EDUCATION ACADEMY



Gross Catholic High School's Education Academy offers students real world experience in the classroom. Teachers are instrumental in shaping the lives of our children, which is why it is so important to expose students to the profession. Students will gain first-hand knowledge and teaching tips from area professionals.

Who should enroll in the Education Academy?

The Education Academy is for students who are interested in pursuing a career in education, or a related field working with children.

Prerequisites

Freshman and Sophomore years:

- Intro to Art (DE) or Drawing

Required Courses

- Intro to Psychology or Intro to Sociology (DE)
- Intro to Professional Education (DE)
- Human Relations (DE)
- Intro to Education Methods (DE)
- Field Experience

Field Experience

During senior year, students will gain field experience at a variety of local schools, both Catholic and public. Students will engage in supervised experiences examining selected aspects of teaching and the learning environment. This will include content, planning, instruction, and professionalism.

**\$125
Academy
Fee**

***Intro to Professional Education and Human Relations are exploratory courses that students can take as early as their Sophomore year to determine if the Education Academy would be a good fit.**

Interested students will complete an interest form. Students should see Mrs. McNamara if they are interested in joining an academy.



HEALTH SCIENCES CAREER ACADEMY



Gross Catholic High School's Health Sciences Career Academy offers real world experience giving students an opportunity to learn more about careers in the healthcare field by working side by side with professionals. Students can choose either the Nursing Track or Physical Therapy/Athletic Training Track.

Who should enroll in the Health Science Academy?

The Health Science Academy is for students who are interested in pursuing a career in nursing, physical therapy, athletic training or other related healthcare fields.

Prerequisites

Freshman and Sophomore years:

- Biology
- Chemistry or Physical Science
- 2 math courses

NURSING

Required Courses:

- Medical Terminology I (DE)
- Medical Terminology II (DE)
- Anatomy & Physiology
- Certified Nurse Assistant (CNA)
- Field Experience

Field Experience:

During the student's senior year, they will gain field experience at Bergan Mercy Hospital. Students will log two hours per day (Monday-Thursday) in 22 different areas of the hospital including: Medical/Surgical, Rehab Department, Orthopedic and Cancer Care (Oncology).

**\$125
Academy
Fee**

***Medical Terminology I and II are exploratory courses that students can take as early as Sophomore year to determine if the Health Science Career Academy would be a good fit.**

Interested students will complete an interest form. Students should see Mrs. McNamara if they are interested in joining an academy.

PHYSICAL THERAPY/ ATHLETIC TRAINING

Required Courses:

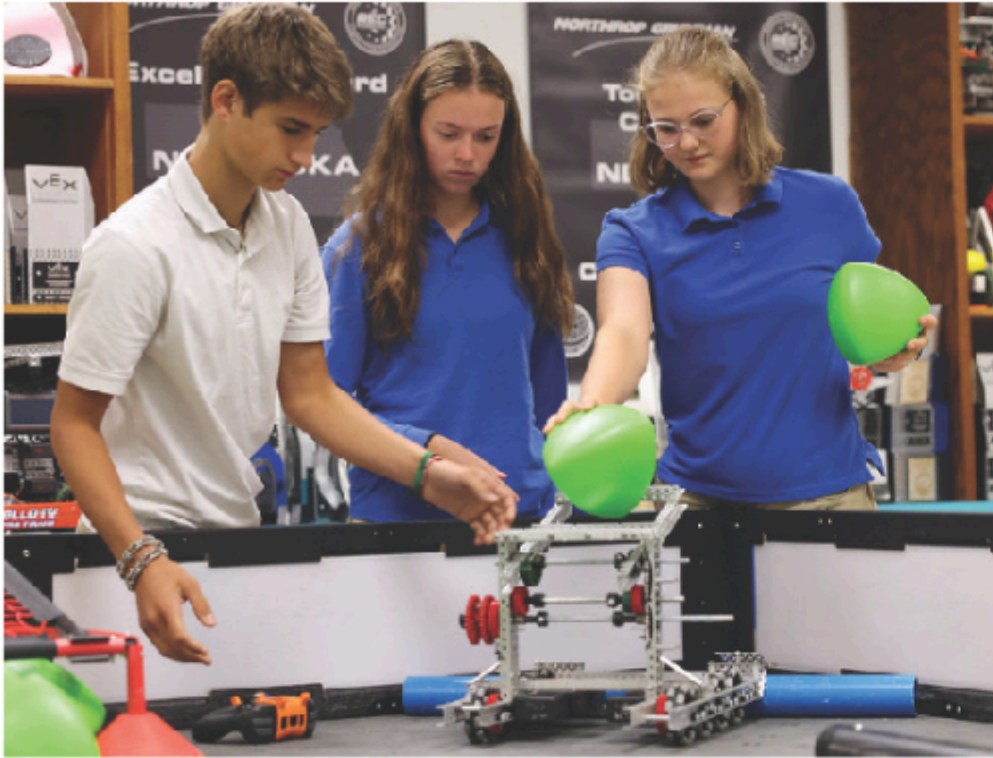
- Medical Terminology I (DE)
- Medical Terminology II (DE)
- Anatomy & Physiology
- Care & Prevention of Injuries (DE) or Sports Medicine 1 and 2
- Field Experience

Field Experience:

During senior year, students will gain field experience at athletic events. This valuable year-long internship presents them the opportunity to explore career pathways, giving them an edge in the job market by networking with professionals. There is also an option to explore Physical Therapy during second semester.



STREAM ACADEMY



Partnering with local colleges and community organizations, Gross Catholic High School is offering a Career Academy in the STREAM fields giving students an opportunity to develop and apply skills in science, technology, religion, engineering, art and mathematics/computer science.

Who should enroll in the STREAM Academy?

The STREAM Academy is for students who are interested in pursuing a career in science, technology, engineering, math and computer science.

Prerequisites

Freshman and Sophomore years:

- Drawing (DE)
- Intro to Technology

Computer Science Track Required Courses

- Engineering Design and 3D Modeling or Game Design
- Intro to Computer Science I (DE)
- Intro to Computer Science II (DE)
- Field Experience

Field Experience

During senior year, students will gain field experience through local, regional and National competitions in STEM related areas. Examples include:

- Society of American Military Engineers (SAME)
- VEX Robotics
- Air Force Association's CyberPatriot

**\$125
Academy
Fee**

***Engineering Design and 3D Modeling and Game Design are exploratory courses that students can take as early as Sophomore year to determine if the STREAM Academy would be a good fit.**

Interested students will complete an interest form. Students should see Mrs. McNamara if they are interested in joining an academy.