

COURSE GUIDE 2022-23

LANSING CATHOLIC HIGH SCHOOL COURSE GUIDE

Dear Parents,

Our mission at Lansing Catholic, to form your child spiritually, intellectually and socially into faithful disciples of Jesus Christ, cannot be accomplished without you, your child's primary educators. In this spirit of partnership, I offer this course guide to assist you as you work with our team of education professionals to determine the course selections that will enable your child to discover and develop his or her God-given talents in the intellectual sphere.

As St. Paul reminds us the path for each individual is unique:

To each individual the manifestation of the Spirit is given for some benefit. To one is given through the Spirit the expression of wisdom; to another the expression of knowledge according to the same Spirit; to another faith by the same Spirit; to another gifts of healing by the one Spirit; to another mighty deeds; to another prophecy; to another discernment of spirits; to another varieties of tongues; to another interpretation of tongues. But one and the same Spirit produces all of these, distributing them individually to each person as he wishes. (1 Cor 12:7-11)

Moreover, our school's motto and mission highlight the pursuit of true wisdom as central to student development and success. The purpose of our intellectual formation is to foster an authentic sense of wonder and curiosity within our students so that they have a sense of ownership in their intellectual formation through which they may gain knowledge, wisdom and a comprehensive understanding of the integrated Christian life. In addition, we strive to provide a wide range of courses and services that support the unique and varying gifts of each student as he or she pursues these intellectual gains.

The subsequent pages include information about our school's graduation requirements, academic policies, course request processes and course descriptions. At the end of this guide, you can also find sample four-year plans for specific career paths or interests. Please review this information with your child as you determine course requests for next school year. If you have any questions, please contact me or your student's school counselor. We are here to help and support you throughout this process.

Sincerely in Christ,

A handwritten signature in black ink, appearing to read "Krystyn Schmerbeck". The signature is fluid and cursive, with a large initial "K" and "S".

Ms. Krystyn Schmerbeck

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INTRODUCTION

Mission Statement

The Lansing Catholic High School community forms students spiritually, intellectually, and socially into faithful disciples of Jesus Christ.

Motto

Docens Modum Vivendi - Teaching a Way of Life

Accreditation

Lansing Catholic High School (LCHS) is accredited by the Michigan Association of Non-Public Schools (MANS). LCHS is also subject to the policies of the Diocese of Lansing Department of Education.

GRADUATION REQUIREMENTS

Students are required to successfully complete the following 24 credits for graduation:

Department	Required Credits	Specific Classes
Theology	4.0 credits	
English	4.0 credits	
Mathematics	4.0 credits	1.0 credit - Algebra 1 1.0 credit - Geometry 1.0 credit - Algebra 2 1.0 credit - Seniors must take 1.0 credit of math during their senior year
Science	3.0 credits	1.0 credit - Physical Science 1.0 credit - Chemistry 1.0 credit - Biology
Social Studies	3.0 credits	1.0 credit - World History 1.0 credit - US History 0.5 credit - Economics 0.5 credit - Government
World Languages	2.0 credits	2 credits of the same language (French, Latin or Spanish)
Fine Arts	1.0 credit	
Physical Education	0.5 credit	PE Class or a PE Waiver (for participation in 4 years of Marching Band or 2 seasons of school sponsored athletics)
Health	0.5 credit	
Rhetoric	0.5 credit	(This requirement was formerly known as Speech.)
Electives	1.5 credits	

Click [here](#) to review sample four-year plans, which we use as guidelines for constructing each student's plan for growth and academic success.

PROCEDURAL INFORMATION

Enrollment

Each school year, parents must complete an online enrollment packet through the FACTS Family Portal to re-enroll their student for the following school year. Parents will verify information, select a tuition payment plan, and pay a non-refundable enrollment fee in the online portal. Students will not be able to finalize their course requests for the following school year until the online enrollment is complete including payment of the enrollment fee.

Course Requests

Families may view and submit course requests through the FACTS Family Portal in February and March. Determining appropriate course requests is a team effort! Students will work with parents, teachers and counselors to request courses that will support finding and developing their God-given talents, while also working toward graduation requirements and personal college- or career-readiness goals. Some courses require a teacher recommendation and/or supplementary forms including all AP, Honors, virtual, and dual enrollment courses. As required, students must submit appropriate forms and follow deadlines in order to secure course requests. Priority registration in courses is by grade level with seniors first followed by juniors, sophomores, and freshmen while also taking into account graduation requirements.

Changes to Course Requests & Schedules

Student schedules are carefully planned for graduation requirements as well as student interests and abilities. *Students are expected to remain in the courses for which they are enrolled.* In general, student schedules may be adjusted to complete a schedule, meet graduation requirements, or to correct a mistake with prerequisites. Schedules will not be adjusted for preference of a teacher, to be with friends, for a particular period of the school day, or failure to complete the required summer coursework.

JANUARY	
FEBRUARY	<ul style="list-style-type: none"> Parents complete online enrollment in the FACTS Family Portal Parents & student(s) enter course requests into the FACTS Family Portal Students meet with counselors to approve and finalize course requests
MARCH	
APRIL	<ul style="list-style-type: none"> Parents & student(s) review course requests
MAY	<ul style="list-style-type: none"> End of May: Final chance to request a change or recommendation override
JUNE	<ul style="list-style-type: none"> First Friday in June: Course Requests are locked
JULY	<ul style="list-style-type: none"> End of July: Schedules are available to view in the FACTS Family Portal
AUGUST	<ul style="list-style-type: none"> First Monday in August: Changes to course schedules open; fee is \$20/class*
SEPTEMBER	<ul style="list-style-type: none"> First Thursday in September: Schedules locked until Thanksgiving Break
OCTOBER	
NOVEMBER	
DECEMBER	<ul style="list-style-type: none"> Schedule changes for 2nd semester electives; fee is \$20/class* Schedules locked when semester exams begin

*The course change fee will only be applied if and only if the course change request can be accommodated in the master schedule and will be applied through FACTS incidental billing.

Withdrawals from Course

Students who drop a class after the fifth week, but before the start of the tenth week of the semester will receive a “W” (withdrawn) on their report card and transcript, which does not affect the GPA nor class rank. When a class is dropped after the tenth week of a semester, an “E” (failure) will appear on the report card and transcript, which will affect the student’s GPA and class rank.

Student Status

All students must enroll in at least three courses each semester of attendance. Exceptions to this policy are managed through the Principal in conjunction with the Registrar and Dean of Academics. Some special programs such as vocational education require attendance off campus. These situations are based on individual student needs and are also managed through the Counseling Department.

Learning Support Team

The Learning Support Team is composed of Academic Guidance as well as Individualized Student Support professionals who work to ensure that all students are able to grow as disciples through academic advising, advocacy and assistance. This team works with students for their transition in and out of high school, course requests, college/career planning, accommodations, support plans, and counseling for academic, social and mental health.

College Athletics - NCAA Eligibility

Students considering college athletics need to register with the NCAA. Please refer to www.eligibilitycenter.org for important information for students considering college athletics. Not all high school courses are considered qualifying courses. Students should consult their counselor and work with the athletics department, if they wish to pursue college athletics, in order to ensure the execution of an appropriate four year plan for their high school coursework.

GRADING

Grading Scale / Grade Point Average (GPA)

Letter Grade	Percentage	GPA
A	91.5%-100%	4.00000
A-	89.5%-91.4%	3.67000
B+	87.5%-89.4%	3.33000
B	81.5%-87.4%	3.00000
B-	79.5%-81.4%	2.67000
C+	77.5%-79.4%	2.33000
C	71.5%-77.4%	2.00000
C-	69.5%-71.4%	1.67000
D+	67.5%-69.4%	1.33000
D	61.5%-67.4%	1.00000
D-	59.5%-61.4%	0.67000
E	0%-59.4%	0.00000

Regular Grade Checks

Parents and students are able to view live grades through the FACTS Family Portal and are encouraged to check grades on a regular basis. One progress report will be sent by email to parents and students approximately halfway through each quarter's marking period and posted in the FACTS Family Portal. Eligibility checks for participation in extracurricular activities (e.g. athletics, drama program, clubs etc.) will occur at the middle and end of each quarter. Students with failing grades in two or more classes becomes ineligible for extracurricular activities in accordance with the guidelines set forth in our student handbook.

Learning Assistance Program (LAP)

LCHS conducts weekly grade checks in order to identify those students in need of additional support. Any student with a grade below 70% in two or more classes will be assigned to attend the mandatory after-school Learning Assistance Program (LAP). Students are required to attend until they have brought these grades up to 70% or higher.

Report Cards

Report cards for each quarter are available electronically in the FACTS Family Portal approximately one week after the end of each quarter. Any concerns about the validity of a grade reported at the end of any marking period must be brought to the attention of the teacher and Registrar prior to the third week of the next quarter or third week after the end of the school year. If no grievance is presented to the Registrar within the three-week period, the school assumes all grades are correct and will remain as reported. Parents or guardians will be notified of a failing grade by the teacher prior to the issuance of a semester report card by progress report, email and/or phone call.

Semester Grades

GPA's are based on semester grades. Grades are calculated by semester according to the following formula:

<u>1st Semester</u>	<u>2nd Semester</u>
1st Quarter = 40%	3rd Quarter = 40%
2nd Quarter = 40%	4th Quarter = 40%
Semester Exam = 20%	Semester Exam = 20%

If a final exam waiver is used, then the semester grade is determined as 50% from each quarter grade.

Weighted GPA's

Students enrolled in Honors and/or AP courses will have their GPA's from those individual classes weighted as follows: Honors course GPA's are multiplied by 1.08 and AP course GPA's are multiplied by 1.11.

Incompletes

A teacher may give a grade of Incomplete ("I") when a student has been unable to complete coursework due to serious illness or other exceptional circumstances occurring at the end of the marking period. Should this occur, it is incumbent upon the student, upon his/her return, to meet with his/her counselor and teacher(s) in order to complete the required contract and plan for completing the required work. When the work is completed, the grade will be changed. Should a student fail to complete the required work as prescribed in the incomplete contract, the incomplete grade will be changed to a failing ("E") grade. Failure to take a required exam in any course will result in a "0" for that exam grade. For purposes of eligibility for participation in student activities and athletics, incomplete grades are considered failing grades.

Credit Deficiencies

If a student receives a failing grade in a course required for graduation, then the student will be required at the family's expense to attend summer school or repeat the course the following school year if their schedule allows. Failed courses appear on transcripts as an "E" and zero credit is awarded. If the student repeats the course, the transcript will reflect both grades. Student retention at a grade level or in general at LCHS is an administrative decision made by the Principal in consultation with the Dean of Academics, and parents/guardians.

Summer School

Students may make up credit deficiencies through LCHS's summer school program. Summer school may be required for certain students to remain on track for graduation. Extra fees apply for summer school and are not included in a student's regular tuition fees. Summer school fees are payable to LCHS and must be paid before the student is enrolled.

EXAMS

Exams are worth 20% of a student's semester grade. Semester exams occur in December for 1st semester and June for 2nd semester. Each course exam is 75 minutes with 1-2 exams per exam day. Some courses may require a final paper, project, or presentation instead of a traditional exam. (GPAs are based on semester grades.)

Senior Exam Waiver Policy for Second Semester

Seniors in good standing¹ and who have maintained an A average in a course may waive their second semester exam. Exam waivers do not apply to Theology courses, AP courses, semester courses or any course in which a project, presentation or paper replaces the exam grade.

Freshman, Sophomore, & Junior Exam Waiver Policy for Second Semester

Students have the privilege to earn one exam waiver that can be used for a year-long course in which the student has earned at least a B for Semester 1, Quarter 3 and Quarter 4. This waiver enables the student to opt out of the second semester exam in one course, resulting in a semester grade that is an average of the two quarter grades. Exam waivers do not apply to Theology courses, AP courses, semester courses or any course in which a project, presentation or paper replaces the exam grade. Exam waivers are distributed from the main office a week prior to exams and must be signed by the student, parent, and teacher before returning the form to the Registrar for record keeping prior to the start of exam week. A student earns a second semester exam waiver by meeting the following additional criteria for behavior and service hours:

- No in-school or out-of-school suspensions.
- All detentions are served.
- All fees are paid and all accounts are current, including library books, tuition, and school-issued uniforms and equipment.
- The following service hours are completed, logged, verified and approved in the x2vol system:
 - Freshmen - 10 hours
 - Sophomores - 30 hours
 - Juniors - 50 hours
 - Seniors - 80 hours (i.e., completion of all required hours for graduation).

RECOGNITIONS

Academic Letters, Patches & Pins

An academic letter is the combination of a varsity letter and an academic lamp patch to denote academic achievement. Varsity letters and an academic lamp patch are presented to sophomores and upperclassmen who have attained a minimum cumulative weighted 3.5 GPA for three consecutive semesters. A student may receive only one varsity letter. If a student already has earned a varsity letter, then the student will receive only the academic lamp patch. A student must maintain a weighted 3.5 or higher GPA in order to be eligible for an academic award. Students who maintain a 3.5 or higher GPA and have already received a varsity letter and academic patch will be presented with an academic lamp pin in subsequent school years.

Class Rank

Class rank is determined by a student's cumulative grade point average (GPA) at the end of each semester (in January & June). A student's GPA will include all grades earned up to and including the first semester of the student's senior year. The GPA is calculated to the nearest thousandth of a point.

¹ Good standing refers to students who have not been on any form of probation nor been suspended during the school year, do not owe any fees or fines (including late tuition), and are in compliance with the requirements for graduation (credits and service hours complete).

Academic Awards for Undergraduates

The student who has earned the highest percentage in a given course will receive an academic certificate award at the ceremony following our last all-school Mass of the year.

Seniors - Academic Awards

Each academic department selects a senior who has shown high academic promise within the subject area for an award. Senior academic awards will be presented at the Senior Baccalaureate Awards Ceremony in May.

Seniors - Baccalaureate Mass & Awards

A Baccalaureate Mass for seniors followed by an awards ceremony traditionally takes place on a Wednesday in May at St. Mary Cathedral in Lansing, Michigan. Students must be in good standing² to participate in Baccalaureate.

Seniors - Graduation Commencement & Diplomas

LCCHS confers diplomas on students who have completed all graduation and service requirements and who are in good standing². Seniors must be able to meet all graduation requirements no later than August 1 to participate in the graduation commencement ceremony in May. Students who have not met all credit or service requirements prior May's graduation must sign an agreement with a school administrator and counselor, indicating the means by which credit and/or service requirements will be completed before August 1. In this case, the diploma is conferred once all terms of the agreement including course credits and service hours are completed.

Seniors - Certificate of Completion

Lansing Catholic High School may choose to award a Certificate of Completion in lieu of a diploma to students with Student Support Plans (SSPs) who are exiting private education. A student will receive their Certificate of Completion in the same fashion as a diploma, through a graduation ceremony following their senior year. To earn a Lansing Catholic High School Certificate of Completion, a student must:

- Earn at least 80% of the Lansing Catholic High School graduation credit total.
- Have a meeting with the Principal, Student Services Coordinator, student, and parents to review grades, credit status, needs, and possible solutions. A student's Student Support Plan meeting may serve as this criteria.
 - A determination to switch the student to a Certificate of Completion must be done through mutual agreement at this meeting.
 - The decision to switch to a Certificate of Completion must take place prior to a student's 10th grade year, or the student's 16th birthday.

² Good standing refers to students who have not been on any form of probation nor been suspended during the school year, do not owe any fees or fines (including late tuition), and are in compliance with the requirements for graduation (credits and service hours complete).

COURSE OFFERINGS

The academic program at Lansing Catholic is based on the Diocese of Lansing standards. Our academics are rooted in the timeless wisdom of the Catholic Intellectual Tradition, understood and communicated within the technological, scientific, and social developments of the present day. More than the accumulation of knowledge, our academic programs challenge students to pursue true wisdom. This pursuit enables them to develop and cultivate an authentic Christian vision of the world and their own lives as a unified whole, created by God and destined for eternal life. Our rigorous course of study invites students to discover their talents across a range of disciplines, while also developing personal virtues and 21st century skills that will equip them for success in future endeavors.

Honors and Advanced Placement® Courses

Honors and Advanced Placement® (AP®) courses are more rigorous than our standard classes and are designed for hardworking students who excel in a particular discipline. Honors and AP® courses offer an intensive study covering more material, moving at a faster pace, and going more in-depth.

AP® courses provide students with the opportunity to take college level courses at LCHS taught by an LCHS teacher. The expectation is that students enrolled in an AP® course take the AP® exam in the spring. Families are responsible for paying the cost of each AP® exam (approximately \$100 each). Colleges and universities may award college credit at their discretion if a student achieves a qualifying score on the national AP® exam given each spring.

Independent Study Courses

Independent study courses are reserved for students doing advanced work in a subject in which they have a firm foundation and are expected to be successful while working independently. Independent study courses must be approved by teacher, counselor, and school administration.

Departmental Course Offerings

Please scroll down or click the links below to explore our course offerings for the 2022-2023 school year.³

[One Page Overview of Courses](#)

[Theology](#)

[English](#)

[Mathematics](#)

[Science](#)

[Social Studies](#)

[Fine & Applied Arts](#)

[World Languages](#)

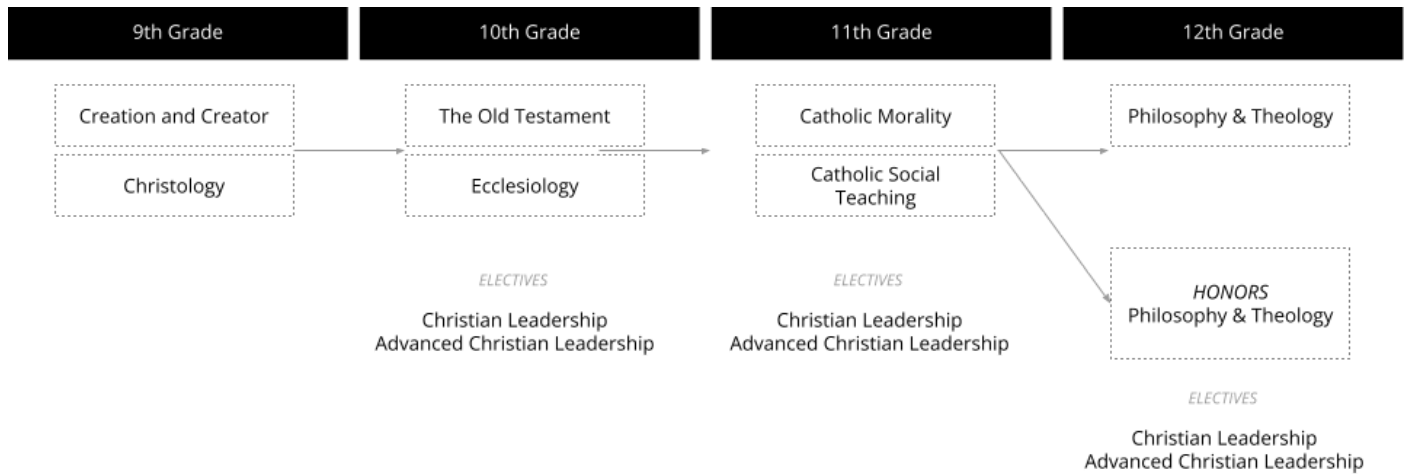
[Additional Lansing Catholic Course Offerings](#)

[Dual Enrollment Opportunities](#)

³ Not all courses are offered each school year. In addition, placement in elective classes is not guaranteed on account of variance in course requests, teacher availability and number of seats.

Theology

The Theology department of Lansing Catholic High School forms students as faithful disciples of Jesus Christ through prayer and the study of Scripture and Tradition according to the mind of the Catholic Church.



Wonder & Awe: Creation & the Creator (SM1)
Grade: 9 Credits: 0.5

The freshman first semester Theology course is designed to help students explore questions of creation and the Creator. Students will be introduced to philosophy as they seek answers to key existential questions and recognize how the beauty and order of creation reflect the Creator.

Jesus Christ in Scripture: The Fullness of Revelation (Christology) (SM2)
Grade: 9 Credits: 0.5

In their second semester, students will build on the *Wonder and Awe* course as they look more specifically at the person of Jesus Christ. Students will recognize that Jesus is the fullness of revelation as He shows us who God is - creator, redeemer, and sanctifier, and who we are as God's sons and daughters.

The Old Testament (SM1)
Grade: 10 Credits: 0.5

This class takes an in-depth look at the beginning of Salvation History to see the heart of a loving Father who wants to draw mankind back to Himself. We will focus on Covenants and how God led His people in preparation for the coming of Jesus Christ.

The Mission of the Church (Ecclesiology) (SM2)
Grade: 10 Credits: 0.5

Following the Mission of Christ, second semester Theology examines how the Mission of Jesus Christ continues through the Catholic Church. It is both a study into what the Church is and a call to participate more fully in Her mission to create disciples of Jesus Christ.

Catholic Morality (SM1)
Grade: 11 Credits: 0.5

In this course, we will study the foundations and practice of moral reasoning within the Catholic intellectual tradition. From the perspectives of both natural reason and divine revelation, we will examine how making morally good decisions ultimately leads to human flourishing.

Catholic Social Teaching (SM2)
Grade: 11 Credits: 0.5

As a sequel to Catholic Morality, we will study the social implications of the Gospel. Using the fundamental principles of Catholic social teaching, we will examine topics related to human dignity, rights and justice, the proper use of technology, and other contemporary issues.

Philosophy & Theology

Grade: 12

Credits: 1.0

This year-long course encourages students to a deeper level of reflection on the relationship between faith and reason. By reading, questioning, and discussing the great minds of philosophy, both Christian and non-Christian, the students will understand the reasonableness of the claims of the Catholic Church and have an understanding of God's perfect vision for the human person, modeled after the perfect human person, Jesus Christ.

Honors Philosophy & Theology

Grade: 12

Credits: 1.0

Prerequisites: Teacher Recommendation

This year-long honors course encourages students to a deeper level of reflection on the relationship between faith and reason. By reading, questioning, and discussing the great minds of philosophy, both Christian and non-Christian, the students will understand the reasonableness of the claims of the Catholic Church and have an understanding of God's perfect vision for the human person, modeled after the perfect human person, Jesus Christ. The honors option for this course involves more intensive study, written assessments, and more project-based learning.

Christian Leadership (SM1)

Grade: 10, 11, 12

Credits: 0.5

Prerequisites: Teacher Recommendation

This course will establish the foundation for being a Christian leader as students explore the meaning of Christian discipleship, deepen their own prayer lives, practice discerning the voice of God, and gain experience giving their testimonies and leading small group sessions. Christian Leadership fulfills the required Speech/Rhetoric credit for graduation as of the fall of 2022.

Advanced Christian Leadership (SM2)

Grade: 10, 11, 12

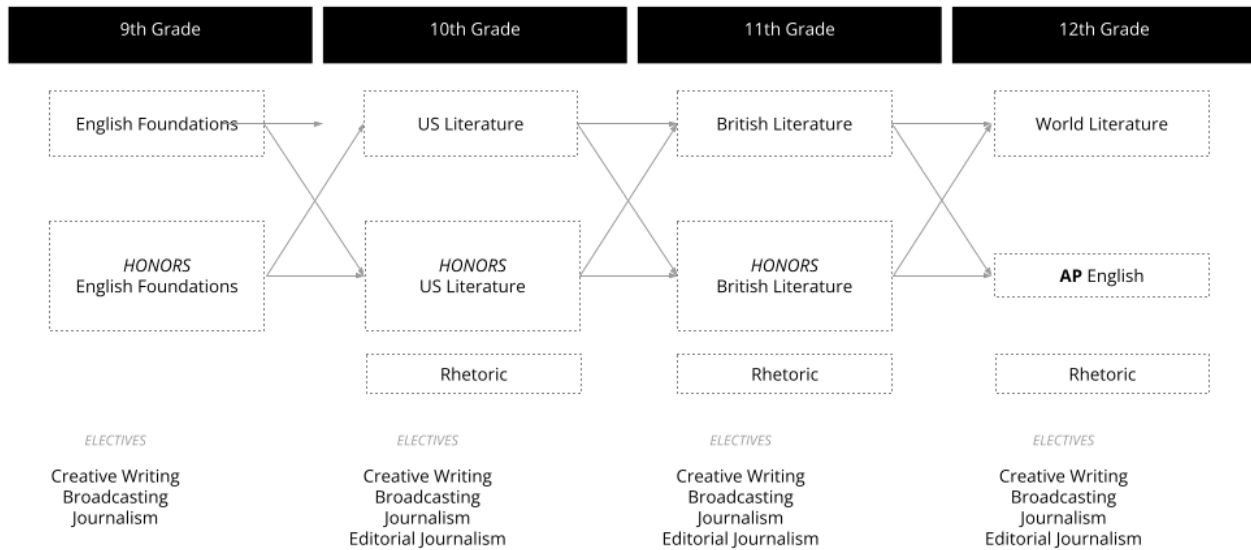
Credits: 0.5

Prerequisites: Teacher Recommendation

In this course, students will take a more active role as faith leaders within the Lansing Catholic High School community while continuing to study and build upon what it means to be a Christian leader following the first semester Christian Leadership course.

English

The mission of the English Department of Lansing Catholic High School is to prepare students to be competent communicators through instruction in a broad array of literature that allows students to understand society more fully, grasp their Christian role in that society, and demonstrate that understanding through speaking and writing.



*Rhetoric is a graduation requirement that should be taken junior or senior year.
Broadcasting may be taken to fulfill the Rhetoric or fine arts requirement.
Creative Writing, Journalism and Editorial Journalism may be taken to fulfill fine art credit.*

English Foundations

Grade: 9 Credits: 1.0
Prerequisite: None

This course introduces the reading, writing and speaking skills that are needed for high school and beyond. Students read literature across a variety of genres and critically analyze this literature in speech and writing. The teaching of grammar and composition skills is fundamental to the course.

Honors English Foundations

Grade: 9 Credits: 1.0
Prerequisite: 8th Grade Teacher Recommendation

In this course, students continue the development of their reading, writing and speaking skills. Students read and critically analyze literature across a variety of genres, and are introduced to the research paper. The teaching of grammar and composition skills is fundamental to the course.

United States Literature

Grade: 10 Credits: 1.0
Prerequisite: English Foundations (or honors equivalent)

This course provides grounding for students in American literature from our earliest beginnings to contemporary times. Novels, short stories, poetry, drama and essays comprise the genres studied. Students will benefit from intensive writing practice as they continue to write three and five paragraph essays as well as an extensive research paper.

Honors United States Literature

Grade: 10 Credits: 1.0
Prerequisites: English Foundations (or honors equivalent) & Teacher Recommendation

This course explores the values and ideas expressed through literature that help form the cultural identity of the nation. Students survey a variety of genres and schools of thought from the beginning of the New England Renaissance up to contemporary literature. Composition and research are integral parts of this course.

British Literature

Grade: 11 Credits: 1.0
Prerequisites: US Literature (or honors equivalent)

This course in British Literature follows the history of the development of the English language, British history, and British literature from Anglo-Saxon origins through the plays of Shakespeare to the poetry of the 20th and 21st centuries. The course includes a variety of writing opportunities, preparation of an extensive research paper, and further development of the student’s command of grammar, syntax, and English usage.

Honors British Literature

Grade: 11 Credits: 1.0
Prerequisites: US Literature (or honors equivalent), & Teacher Recommendation

This course offers students a thorough understanding of the aesthetic, philosophical and formal development of the British literary canon from the Anglo Saxon era to modernism. Students develop literary analysis skills through the application of diverse critical methods to a variety of writing styles.

World Literature

Grade: 12 Credits: 1.0
Prerequisites: British Literature (or honors equivalent)

Students will explore World Literature through novels, poetry, and drama. Students focus on critical reading and writing and serve the spiritual mission of the school. This course culminates in a capstone reflection paper on lessons learned while at Lansing Catholic.

AP® English: Literature and Composition

Grade: 12 Credits: 1.0
Prerequisites: An A in British Literature (or honors equivalent) & Teacher Recommendation

AP® English engages students in the careful reading and critical analysis of literature, which deepens student understanding of the ways writers use language to provide both meaning and pleasure for readers. Students will read works from several genres and periods. Writing is an integral part of the course and writing assignments will focus on the critical analysis of literature and will include expository, analytical, and argumentative essays. The course culminates in the AP® examination in May.

Rhetoric

Grade: 10, 11, 12 Credits: 0.5
Prerequisites: None

The focus of this course is on rhetoric and civil discourse to equip our students to speak effectively on contemporary issues. This course, as part of our graduation requirement, builds student capacity to understand the elements of speech and practice communicating orally. This graduation requirement was formerly named Speech.

Creative Writing

Grade: 9, 10, 11, 12 Credits: 0.5
Prerequisites: None

This workshop course provides students with the opportunity to develop their literary talents. They experiment with various forms of poetry and prose as well as practice giving constructive feedback to others. Students submit their writing to publications and contests, as well as share their work with the rest of the workshop. This course counts as Fine Arts credit unless that requirement has been met, in which case it counts as elective credit.

Broadcasting (1st hour only)

Grade: 9, 10, 11, 12 Credits: 0.5 or 1.0
Prerequisites: None

Broadcasting is an audio video communications course centering on the daily planning and production of a live Lansing Catholic HS news program. Students will participate and gain experience on both sides of the camera from writing, programming, and producing a daily show to anchoring and interviewing. Short video creation and editing will also be introduced along with an emphasis on improving verbal communication skills. Students will gain experience with professional live video streaming equipment along with creating and editing short video segments. An emphasis is placed on building confidence and developing public speaking skills. This course can be taken for one or two semesters and is repeatable for additional elective credit. This course counts as Fine Arts credit, unless that requirement has been met and then is elective credit. The Broadcasting class fulfills the required Speech/Rhetoric credit for graduation as of the fall of 2020.

Journalism

Grade: 9, 10, 11, 12 Credits: 0.5 or 1.0
Prerequisites: None. Digital Photography is recommended, but not required.

This course is designed to help students become proficient in the areas of new writing, editing, photography, layout/design and other elements of production. Students will function as part of a student-led agency, exploring strategies for researching, producing and sharing high-quality news, as well as digital, visual, and editorial content. As part of the course, students will also produce a quality yearbook on time and within budget and learn the basics of graphic design, photo editing, sales, and project management. This course counts as Fine Arts credit, unless that requirement has been met and then is elective credit.

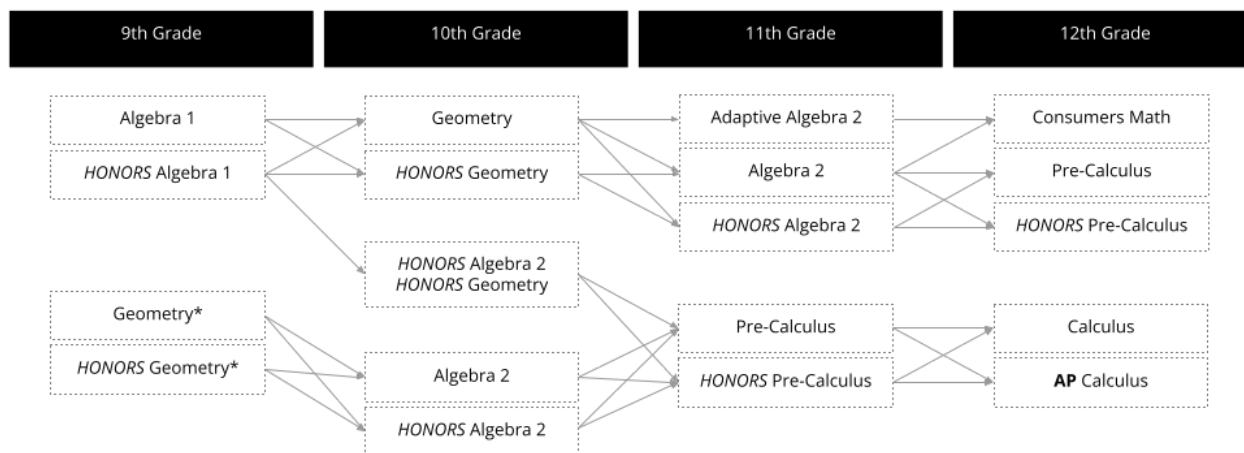
Editorial Journalism

Grade: 10, 11, 12 Credits: 0.5 or 1.0
Prerequisites: Journalism and Teacher Recommendation

This course is for experienced yearbook and journalism staffers. Students will lead project teams, sell ads, develop pages, do copywriting, be involved with publicity, take photos and fill editorial positions. This course counts as Fine Arts credit, unless that requirement has been met and then is elective credit.

Mathematics

The mission of the LCHS Mathematics Department is to collaboratively develop the critical and mathematical reasoning skills of each student while they make and explore mathematical connections so that students are successful in their future endeavors. We work so that in seeking the beauty and truth in mathematics their minds and hearts may become more attuned to Christ, who is the way, the truth, and the life.



**Students who have completed an Algebra I course in 8th grade may attempt to bypass the high school course by taking and passing an Algebra I assessment from LCHS's Math Department.*

Algebra 1

Grade: 9

Credits: 1.0

Prerequisite: None

This course is the first course in the algebra sequence. This course will help students to develop a strong foundation in algebra and mathematical reasoning skills using topics including simplifying expressions, solving equations and inequalities, systems of equations and inequalities, features and relationships among linear, quadratic, exponential and rational functions.

Honors Algebra 1

Grade: 9

Credits: 1.0

Prerequisite: 8th Grade Teacher Recommendation

This accelerated course is designed for students who hold strong reasoning skills and have the ability to quickly apply previously learned concepts to more complex situations. Topics covered in this course include, but are not limited to, simplifying algebraic expressions (rational and radical), solving equations and inequalities (simple and compound), and functions. Students will analyze connections between the key features of linear, quadratic, exponential, rational and radical functions.

Geometry

Grade: 9, 10

Credits: 1.0

Prerequisites: Algebra 1 (or honors equivalent)

This course allows students to investigate patterns that are important to the development of logical thinking and problem-solving skills using basic Euclidean Geometry concepts. Key concepts include the geometry of two and three-dimensional figures; shape identification of points, lines and planes; parallel lines and circle relationships; congruent and similar shapes; applications to perimeters, areas and volumes; introduction to trigonometry; right triangle concepts and polygon relationships, as well as reason through and construct geometric proofs.

Honors Geometry

Grade: 9, 10

Credits: 1.0

Prerequisites: Teacher Recommendation

This challenging course, geared toward hardworking students, moves faster and covers more material at greater depth than the regular Geometry class, with more emphasis on formal proofs and much more intensive study of Euclidean Geometry concepts. These concepts include the geometry of two and three-dimensional figures; shape identification of points; lines and planes; parallel lines and circle relationships;

congruent and similar shapes; applications to perimeters, areas and volumes; introduction to trigonometry; right triangle concepts and polygon relationships, as well as reason through and construct geometric proofs.

Adaptive Algebra 2

Grade: 11 & 12 Credits: 1.0
Prerequisites: Geometry & Teacher Recommendation

This course is designed for students who need extra support than that which is given in a regular Algebra 2 course. It moves at a slower pace and incorporates more individualized instruction. This second year of algebra extends the major topics of Algebra 1 to include complex numbers, quadratic and higher order polynomials, and expressions with rational exponents. New classes of functions, including exponential and logarithmic, are included in the students' problem-solving experiences. Students also use the graphing calculator appropriately to investigate algebra. *This course does not satisfy NCAA requirements.*

Algebra 2

Grade: 10, 11, 12 Credits: 1.0
Prerequisites: Geometry (or honors equivalent)

This course is the second year of algebra and extends the major topics of Algebra 1 to include complex numbers, quadratic and higher order polynomials, and expressions with rational exponents. New classes of functions, including exponential and logarithmic, are included in the students' problem-solving experiences. Students also use the graphing calculator appropriately to investigate algebra.

Honors Algebra 2

Grade: 10, 11 Credits: 1.0
Prerequisites: Teacher Recommendation

This course is an intensive study of algebra that covers more material, is more in-depth, has more homework, and moves at a much faster pace than regular Algebra 2 to prepare students for higher levels of mathematics. Honors Algebra 2 expands upon concepts learned in Algebra 1 and covers the following function groups: absolute value, linear, quadratic, polynomial, exponential, logarithmic, rational, radical, and trigonometric. The course also covers basic probability and statistics. Students will develop and apply problem-solving skills, create tables, graphs, and equations of functions, and use a graphing calculator to investigate concepts.

Pre-Calculus/Trigonometry

Grade: 11, 12 Credits: 1.0
Prerequisites: Algebra 2 (or honors equivalent) & Teacher Recommendation

This course strives to improve skills and competency of advanced algebra concepts, so that students will be successful in the study of calculus. This course emphasizes algebraic techniques and reasoning over strategies that require the use of a graphing calculator.

Honors Pre-Calculus/Trigonometry

Grade: 11, 12 Credits: 1.0
Prerequisites: An A average in Algebra 2 (or honors equivalent) & Teacher Recommendation

This course is an intensive study of trigonometry and pre-calculus; the course covers more material, is more in-depth, has more homework, and moves at a much faster pace than regular Pre-Calculus/Trigonometry. The purpose of Honors Pre-Calculus/Trigonometry is to improve skills and competency with respect to advanced algebra concepts so that students will be successful in the study of calculus. This course emphasizes algebraic techniques and reasoning over strategies that require the use of a graphing calculator.

Calculus

Grade: 12 Credits: 1.0
Prerequisites: Pre-Calculus or Honors Pre-Calculus & Teacher Recommendation

Calculus is recommended for students with high mathematical ability who are responsible, hardworking, motivated, and who enjoy mathematics, but who have not been recommended for or do not wish to enroll in AP[®] Calculus. Calculus includes the study of techniques and applications of differentiation and integration. The Calculus course is not designed to prepare a student for the AP[®] Calculus AB exam.

AP[®] Calculus AB

Grade: 12 Credits: 1.0
Prerequisites: An A average in Honors Pre-Calculus & Teacher Recommendation

This course is recommended for students having superior mathematical ability who are responsible, hardworking, motivated, and have a passion for mathematics. AP[®] Calculus AB is designed to prepare students for the Advanced Placement[®] examination,

which assesses student knowledge concerning techniques and applications of differentiation, techniques and applications of integration, and the Fundamental Theorem of Calculus. Algebraic, numerical, and graphical representations are emphasized throughout the course.

Consumers Mathematics

Grade: 12 Credits: 1.0
Prerequisites: Algebra 2

This course will provide the experience of math in everyday life and prepare students for using math in the real world. Students will explore such topics as budgeting, large purchases of cars and houses, loans, sale price, taxes, stocks and bonds and other real-life applications. *This course does not satisfy NCAA requirements.*

Math Mastery Skills

Grade: 9, 10, 11 Credits: 0.5 or 1.0
Prerequisites: Teacher Recommendation

This course supports struggling math learners in a small group setting. Students enrolled in Math Mastery Skills are also enrolled in an Algebra 1 or Geometry course, in order to maintain their high school math course progression. This course offers flexibility in pre-teaching and reviewing Pre-Algebra and Algebra 1 content to foster growth and success. Students will practice foundational algebraic skills including, but not limited to integer operations, simplifying expressions with order of operations and combining like terms. This course may be taken for a semester or year. *This course counts as elective credit and does not count toward the math graduation requirement.*

Science

To prepare our students intellectually, practically and spiritually for adult life in a world profoundly influenced by science and technology the Science Department of Lansing Catholic High School collaborates to provide comprehensive, foundational instruction in the physical and life sciences.

9th Grade	10th Grade	11th Grade	12th Grade
Physical Science ELECTIVES Physical Education* • Team Sports	Chemistry Pre-AP/ HONORS Chemistry Health** ELECTIVES Physical Education* • Team Sports	Biology Pre-AP/ HONORS Biology Health** ELECTIVES AP Chemistry Physical Education* • Personal Fitness • Team Sports	ELECTIVES Physics Ecology AP Biology AP Chemistry Anatomy Physical Education* • Personal Fitness • Team Sports

**Students are to complete one semester of Physical Education (PE). This requirement can be waived if the student participates in any two seasons of LCHS sponsored athletics or participates in marching band for four years. A waiver form must be completed.*

***Health is a graduation requirement that should be taken as a sophomore or junior.*

Physical Science

Grade: 9

Credits: 1.0

Prerequisites: None

The purpose of this class is to prepare students for future science classes, and to give them a background which will enable them to continue their understanding of science. Topics of study will include Astronomy, Physics, Earth Science, Biology and the Metric System.

Chemistry

Grade: 10

Credits: 1.0

Prerequisites: Physical Science

Chemistry is taught first so students have the chemistry background they need to succeed in molecular biology coursework. Topics of study will include properties of elements and the periodic table, atomic structure, balancing reactions, molarities, kinetic molecular theory and gas laws, and beginning organic chemistry.

Pre-AP[®]/Honors Chemistry

Grade: 10

Credits: 1.0

Prerequisites: Physical Science & Teacher Recommendation

Pre-AP[®] Chemistry focuses on students developing a deep conceptual understanding of matter and energy at the molecular level by asking students to explain their macroscopic observations using particulate-level reasoning. Students will begin their exploration of matter by observing and measuring macroscopic properties of everyday materials and progress throughout the course to explore deeper and more detailed perspectives of the particle nature of matter. Pre-AP[®] Chemistry motivates students to be active participants in applying critical thinking and mathematical skills as they engage in context driven mathematics, data analysis, modeling, and productive collaboration with their peers.

Biology

Grade: 11 Credits: 1.0

Prerequisites: Chemistry (or honors equivalent)

This course is designed to give students the basis for understanding biological systems from a molecular perspective. The course builds on the scientific principles developed in physical science and chemistry in order to develop a conceptual understanding of the structure and function of living organisms.

Pre-AP[®]/Honors Biology

Grade: 11 Credits: 1.0

Prerequisites: Chemistry (or honors equivalent) & Teacher Recommendation

Pre-AP[®] Biology sparks student motivation and critical thinking about our living world as they engage in real-world data analysis and problem-solving. Students engage deeply with science practices to construct and refine their biological knowledge and strengthen their cross-disciplinary reading, writing, and data-analysis skills. Pre-AP[®] Biology fosters student growth as they make meaningful connections among the structures, processes, and interactions that exist within and across living systems – from cells to ecological communities. Pre-AP[®] Biology motivates students to be active participants in analyzing real-world phenomena and to collaborate productively with their peers in dialogue, investigations, and problem-solving.

AP[®] Chemistry (1st hour only)

Grade: 12 Credits: 1.0

Prerequisites: Pre-AP[®]/Honors Chemistry, B or better in Algebra 2 & Teacher Recommendation

The AP[®] Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year and will be aligned to the College Board[®] standards. Students who take AP[®] Chemistry will develop advanced inquiry and reasoning skills, such as designing a plan for collecting data, analyzing data, applying mathematical routines, and connecting concepts in and across domains. Students will have experience with twenty-two essential labs, six of which will be inquiry based. Main topics include: chemical and physical properties of materials, understanding matter as an arrangement of atoms, rates of chemical reactions, laws of thermodynamics, kinetics, equilibrium, molecular bonds and chemical changes of matter. Students taking AP[®] Chemistry will

be required to participate in labs before school on average once a week.

AP[®] Biology (1st hour only)

Grade: 12 Credits: 1.0

Prerequisites: Chemistry (or honors equivalent) and Pre-AP[®] Biology & Teacher Recommendation

The AP[®] Biology course is the equivalent of a two-semester college introductory course usually taken by biology majors during their first year. The course will prepare students for the Advanced Placement[®] examination and subsequent college-level science coursework. The topics of study are determined by the College Board[®] and include molecules and cells (25%), heredity and evolution (25%), and organisms and populations (50%). The course also includes a college-level laboratory component that will require students to design experiments, collect and analyze data, and write college-level lab reports. Students will be required to participate in some laboratory experiences outside of class time. Grades are determined primarily by exams and formal laboratory reports. The course is for students with a high level of scientific reasoning ability. Students who take this class must be motivated, independent learners who have a passion for science. The course covers a vast amount of material, is in-depth, and moves at a fast pace. Students taking this class must have strong reading comprehension and analytical skills as well as excellent study habits and be willing to devote an average of 5–10 hours per week to the coursework.

Physics

Grade: 12 Credits: 1.0

Prerequisites: Physical Science, Chemistry and Biology (or honors equivalent), B or better in Algebra 2 and Trigonometry (may be taken concurrently) & Teacher Recommendation

Students anticipating careers in STEM fields are greatly benefited from this course. In this course, students study, at both a conceptually and mathematically rigorous level, Newtonian mechanics and waves. Phenomenon analyzed include constant velocity and uniformly accelerated motion, Newton's laws of motion, and forces, as well as other topics such as energy, heat, fluid mechanics, sound, light, electricity, magnetism, and nuclear physics. The study of physics with openness to wonder can lead to deeper appreciation for how God orders the universe.

Ecology and Environmental Stewardship

Grade: 12 Credits: 1.0

Prerequisites: Physical Science, Chemistry and Biology (or honors equivalent) & Teacher Recommendation

Students in this course will investigate sustainable ecosystems through a theological framework with emphasis on the relationships between organisms, biomes, and humanity. This course is designed to help our students make informed decisions about their lives, their future, and environmental issues. This course will involve classroom lecture and lab exercises, in addition to discussion on current topics and related issues. Pope Francis' encyclical, *Laudato Si*, will provide the Catholic perspective on how to responsibly interact with God's Creation.

Human Anatomy and Physiology

Grade: 12 Credits: 1.0

Prerequisites: Physical Science, Chemistry and Biology (or honors equivalent) & Teacher Recommendation

Human Anatomy and Physiology includes a detailed study of the structure and function of the systems of the human body. This course is designed to help provide students with a better understanding of the functioning of the body. With that understanding, it is the hope that students will be able to make better-informed decisions about the body. This course requires a great deal of memorization.

Health

Grade: 10, 11, 12

Credits: 0.5

Prerequisites: None

This course considers the basic concepts of health and wellness. It will encourage students to examine their own behavior and lifestyle, while providing them the opportunity to gather knowledge that will help them make the reasonable choices and decisions necessary to effectively change negative health behaviors and lead a healthier life. Health will ask students to identify relationships between nutrition and disease, and help students to integrate healthy thinking into their daily lives.

Personal Fitness (8th hour only)

Grade: 11, 12

Credits: 0.5

Prerequisites: None

This course will emphasize strength training and aerobic conditioning. An understanding of the physiological principles of training will be stressed. PE credit may be waived by completing and submitting the [PE Waiver form](#) for participating in two seasons of school sponsored athletics or four years of marching band.

Team Sports (7th hour only)

Grade: 9, 10, 11, 12

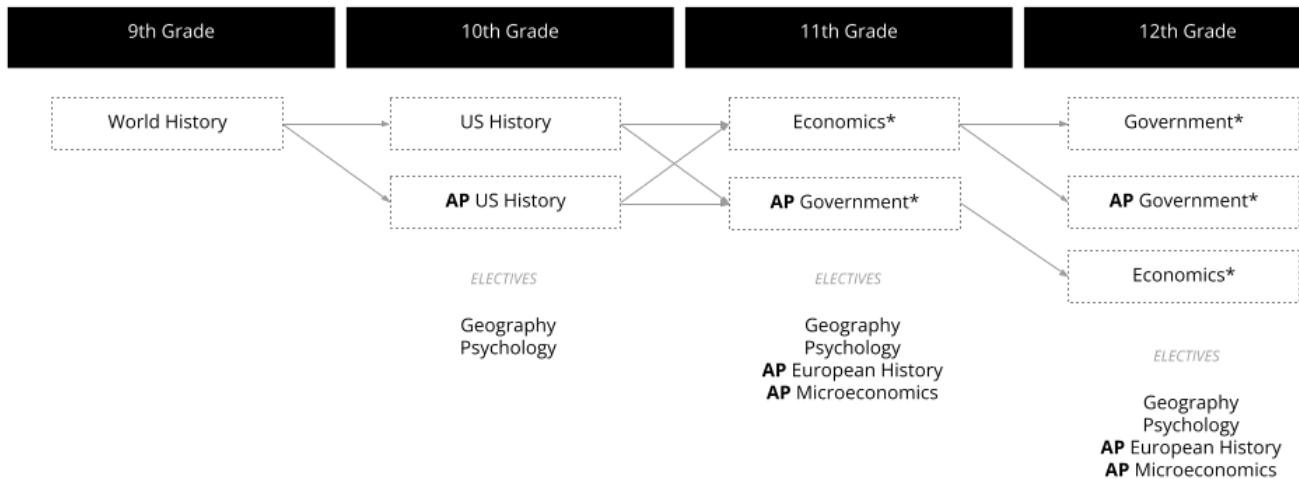
Credits: 0.5

Prerequisites: None

This course will provide a wide range of learning experiences in a variety of different team sports, with an emphasis on team sports and good sportsmanship. Students will learn rules, strategies, and performance techniques necessary for successful participation in team activities. PE credit may be waived by completing and submitting the [PE Waiver form](#) for participating in two seasons of school sponsored athletics or four years of marching band.

Social Studies

The mission statement of the LCHS Social Studies Department is to provide graduates with the tools, skills, and knowledge to be faithful, effective, productive citizens locally, nationally, and globally. In their Social Studies coursework, students will develop skills in communication, research, stewardship, critical thinking, and quality discernment, all while developing their ability to be fully engaged citizens as well as followers of Jesus in light of Catholic Social Teaching.



**Economics and Government are graduation requirements.
AP Government is not required for graduation, but does fulfill the Government graduation requirement.*

World History

Grade: 9 Credits: 1.0
Prerequisites: None

This course familiarizes the student with the history of Western Europe beginning with the civilizations in Mesopotamia. Students will study the past to be more aware of the challenges of the present as well as the major issues of the future. (History does repeat itself!) A chronological approach will be used, along with integration of the history and culture of Western Europe. Components of the course include geography, research, and critical thinking.

United States History

Grade: 10 Credits: 1.0
Prerequisite: World History

This course will familiarize the student with the common experiences shared by U.S. citizens as well as the diversity within the nation. Students will study the past to be more aware of the challenges of the present as well as the major issues of the future.

AP[®] United States History

Grade: 10, 11, 12 Credits: 1.0
Prerequisites: 3.0 cumulative GPA, an "A" on World History assessments & Teacher Recommendation

This course focuses on developing students' understanding of American history from approximately 1491 to the present. This course has students investigate the content of U.S. history for significant events, individuals, developments, and processes in nine historical periods, and develop and use the same thinking skills and methods employed by historians when they study the past. This course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places. This course involves a great deal of reading, writing, and discussion. Students are required to take the AP[®] exam in May.

Economics

Grade: 11, 12

Credits: 0.5

Prerequisites: None

This course introduces students to the United States' economic system and their role within it. Students will gain an understanding of economic systems and how they function; use graphs, charts and data to analyze economic concepts; and learn to describe basic economic principles and models. This course should precede Government.

AP® Microeconomics

Grade: 11, 12

Credits: 0.5

Prerequisites: 3.0 cumulative GPA, an "A" on US History assessments & Teacher Recommendation

This course is an introductory college-level microeconomics course. Students cultivate their understanding of the principles that apply to the functions of individual economic decision-makers by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like scarcity and markets; costs, benefits, and marginal analysis; production choices and behavior; and market inefficiency and public policy.

United States Government

Grade: 12

Credits: 0.5

Prerequisites: None

This course is designed to provide the student with an overview of the U.S. national government. This course will examine the historical beginnings, the overall structure of the government and particularly the processes that make up the national government. There will also be an introduction to the student's role in the modern national government and its processes. When appropriate, state and local government processes are included. Ideally, Economics should be taken before Government.

Advanced Placement® Government

Grade: 11, 12

Credits: 1.0

Prerequisites: US History, "A" average in Social Studies and English, and Teacher Recommendation

This course is designed to provide the student with a college-level approach and understanding of what the United States government is and how it functions.

Coursework involves studying the theory behind the functions of our government and how it is applied to everyday situations. The course involves a great deal of reading, writing, and discussion. Students are required to take the AP® exam in May.

AP® European History

Grade: 11, 12

Credits: 1.0

Prerequisites: US History, "A" average in Social Studies and English, and Teacher Recommendation

This course is designed to develop the student's ability to think conceptually about European history from 1450 to the present and apply historical thinking skills centered around five themes: interaction of Europe and the World, poverty and prosperity, objective knowledge and subjective visions, states and other institutions of power, and the individual and society. Coursework involves studying the theory behind the functions of our government and how it is applied to everyday situations. The course involves a great deal of reading, writing, and discussion.

Geography

Grade: 10, 11, 12

Credits: 0.5

Prerequisites: None

Catholic Social Teaching asks us to be stewards and caretakers of the Earth. In this course, students will learn about the relationship between humans and the environment. Topics to be studied include: map reading; physical, cultural and economic geography; geographic processes; geo-politics; resource use and management. The components of this course will include outside readings, classroom discussion and map analysis.

Psychology

Grade: 10, 11, 12

Credits: 0.5

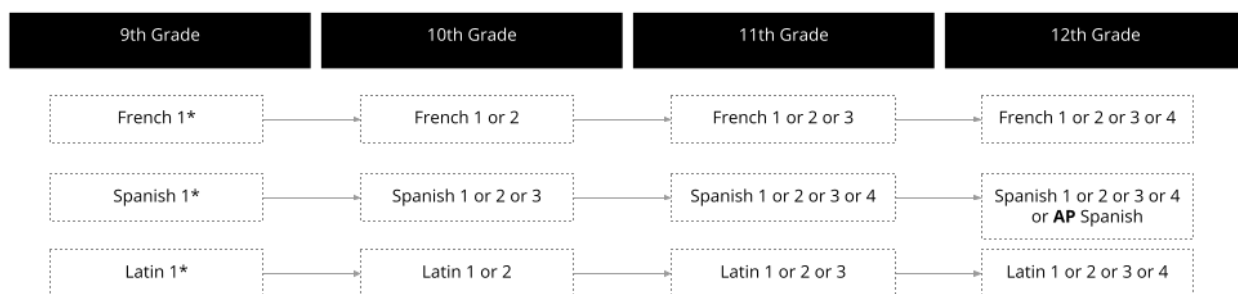
Prerequisites: None

This course is designed as an entry level introduction to psychology. In this course, students will study the history of psychology, psychological domains and the why of human behavior and thought processes. Topics to be studied include: biological basis of behavior, human development, consciousness, learning, memory, personality. The components of this course will include outside readings, classroom discussion, and group simulations.

World Languages

Our mission statement echoes the core philosophy expressed by the American Council on the Teaching of Foreign Languages (ACTFL): *Language and communication are at the heart of the human experience.* We at Lansing Catholic High School are thus committed to educating students who have a desire to communicate in a foreign language by equipping them with the tools, experiences, and guidance necessary for them to advance in the process of learning an additional language and to respect and appreciate the diversity of cultures and traditions in our world as they work towards becoming faithful disciples of Jesus Christ.

Learning a second language is at the center of the 21st century skills that we need to equip our students with in order to face the challenges presented to them. It can be the beginning of becoming authentic global citizens in a rapidly changing world. Students who learn about the culture and language of other countries have a great opportunity to foster an open mind and recognize the individual differences in their own community. Through many activities and the use of different resources, the World Languages Department aims to prepare students to acquire a second language by integrating the five areas proposed by the ACTFL: Communication, Cultures, Connections, Comparisons, and Communities. By studying the cultural practices, products and perspectives in different communities we strive to help form our students spiritually, socially, and intellectually.



*Two years of the same language are required for graduation and additional years or languages count toward elective credits.
Any student requesting to begin at a different level must take and pass a placement test with the LCHS World Languages teacher.

French 1

Grade: 9, 10, 11, 12
Prerequisite: None

Credits: 1.0

French 1 is an introductory course for students who have no background in French and limited exposure to world cultures. Students will learn the basics of French grammar, syntax, pronunciation, vocabulary, and Francophone culture. Students will obtain and present knowledge through activities such as reading, discussion, videos, partner work, and many online resources. Students will also be given opportunities to connect the language with their Catholic faith.

French 2

Grade: 10, 11, 12
Prerequisite: French 1

Credits: 1.0

French 2 is a continuation and expansion of the grammar, syntax, pronunciation, vocabulary and culture studies begun in French 1. Students will also begin to explore more complex grammar structures such as imperfect and preterite tenses. Students will be provided with opportunities to connect to their Catholic faith as they learn more about the culture of Francophone countries. Culture will be explored through mediums such as readings, videos, and music.

French 3

Grade: 11, 12

Credits: 1.0

Prerequisite: French 2 & Teacher Recommendation

French 3 moves students towards an upper-novice or low-intermediate level of proficiency in French. Third year students will practice all fundamental aspects of French grammar and structure including *passé composé*, *l'imparfait*, *le conditionnel*, *le futur*, *le subjonctif*, and object pronouns; they will begin reading native-level materials. Course activities include partner work, videos, music, online activities, listening practice, group projects, speaking and pronunciation practice and assessment, and cultural exploration. Students will also be exposed to topics relating to the Catholic faith.

French 4

Grade: 11, 12

Credits: 1.0

Prerequisite: French 3 & Teacher Recommendation

This course will be conducted primarily in French. Students will refine their French pronunciation, generate essays, journals and poetry, participate in discussions and skits, and use online Francophone sources for coursework. Course activities include partner work, videos, online activities, listening practice, group projects, music, speaking and pronunciation practice and assessment, and cultural exploration. Students will also discuss the role of the Catholic faith in their lives as we discuss topics relating to culture and contemporary life.

Latin 1

Grade: 9, 10, 11, 12

Credits: 1.0

Prerequisites: None

Students will learn the basics of the Latin language, including vocabulary, grammar, syntax, and pronunciation of both Classical and Ecclesiastical Latin. Students will also learn about various topics in Roman culture, history, mythology and have opportunities to connect to their own culture and faith. Learning English derivatives and borrowed phrases and abbreviations will expand students' English and Latin vocabulary. Every student is also required to participate in the annual National Latin Exam in March. *N.B. This course may be taught in conjunction with Michigan Virtual.*

Latin 2

Grade: 10, 11, 12

Credits: 1.0

Prerequisite: Latin 1

Students will continue to learn the basics of the Latin language, including vocabulary, grammar, syntax, and pronunciation of both Classical and Ecclesiastical Latin. Students will also continue to learn about various topics in Roman culture, history, mythology and have opportunities to connect to their own culture and faith. Learning English derivatives and borrowed phrases and abbreviations will expand students' English and Latin vocabulary. Every student is also required to participate in the annual National Latin Exam in March. *N.B. This course may be taught in conjunction with Michigan Virtual.*

Latin 3

Grade: 11, 12

Credits: 1.0

Prerequisites: Latin 2 & Teacher Recommendation

Students will learn to understand and translate complex grammar and sentence structures and learn about historical events and cultural practices through the use of adapted and unadapted Latin prose from authors such as Caesar, St. Augustine, the Bayeux Tapestry and other Medieval Latin texts, Tacitus, and Cicero. Every student is also required to participate in the annual National Latin Exam in March and the Medusa Mythology Exam. *N.B. This course may be taught in conjunction with Michigan Virtual.*

Latin 4

Grade: 12

Credits: 1.0

Prerequisites: Latin 3 & Teacher Recommendation

Students will learn to understand and translate complex grammar and sentence structures and the understanding of poetic Latin devices, such as meter. Students will learn about historical events and cultural practices through the use of adapted and unadapted Latin poetry from authors such as Ovid, Vergil, and Catullus. Students will also explore the basics of Ancient Greek vocabulary and derivatives, making connections to English and increasing their working vocabulary. Every student is also required to participate in the annual National Latin Exam in March and the Medusa Mythology Exam. *N.B. This course may be taught in conjunction with Michigan Virtual.*

Spanish 1

Grade: 9, 10, 11, 12

Credits: 1.0

Prerequisite: None

Spanish 1 primarily emphasizes pronunciation, vocabulary building, verb usage, and sentence structure. In this class students will have the opportunity to start expressing themselves on everyday topics of simple conversations and social interactions in Spanish. Students will study the language, culture, and diversity of Spanish-speaking countries compared with their own culture using different classroom techniques such as discussions, dancing, singing, audio & video recording, cooking, multiple web site resources, and other enrichment drawn from community resources. Catholic faith elements will also be part of the classroom environment.

Spanish 2

Grade: 10, 11, 12

Credits: 1.0

Prerequisite: Spanish 1

Spanish 2 will focus on continuing the practice of the writing, reading, listening, and speaking skills in everyday situations as well as more specific topics related to culture, art, geography and history of Spanish speaking countries. We will continue to expand the vocabulary and grammar structures studied in Spanish 2. Different aspects of the Hispanic culture and diversity compared with their own culture will be presented using videos, internet resources, and interaction with Spanish speaking parents and friends. Classroom opportunities will be provided to students to connect the language learning with the Catholic faith.

Spanish 3

Grade: 11, 12

Credits: 1.0

Prerequisite: Spanish 2 & Teacher Recommendation

This course reviews and continues the material covered in Spanish 1 and 2. With the class conducted 100% in Spanish, vocabulary knowledge will be expanded by adding idiomatic expressions used in many situations such as traveling, friendship, art, environment, technology, human geography, poverty, and other world challenges. Reading skills will be enhanced using narrative and authentic materials. Writing, speaking, and listening skills will be practiced using a variety of projects. Topics related to the Catholic faith will be studied as a part of the classroom discussions and oral presentations. As an

essential component of the language classroom, the study of cultural diversity will give students the opportunity to expand their awareness of the cultural differences and similarities between Hispanic culture and other cultures.

Spanish 4

Grade: 11, 12

Credits: 1.0

Prerequisite: Spanish 3 & Teacher Recommendation

This course is conducted 100% in Spanish. Spanish 4 is designed for students who want to further develop and build up their abilities to speak and understand essential Spanish as well as to read and write essays using specialized Spanish vocabulary. Emphasis will be placed on communication skills, which include pronunciation, speaking, reading, and writing which is an extension of previous years of studies. The students will focus on expanding their own ability to communicate by writing and speaking about a variety of social issues such as human diversity, human rights, technology, education, etc. Students will compare what happens in Spanish speaking countries with what they know about their own culture. Students will use what they learn in their Theology class to discuss religious topics that define our Catholic identity.

AP™ Spanish Language & Culture

Grade: 12

Credits: 1.0

Prerequisite: Spanish 3 & Teacher Recommendation

This is a course that is comparable with a third year college Spanish and consequently students are required to write formal essays based on audio and written sources, participate in simulated conversations, deliver speeches comparing aspects of the Hispanic culture with that of their own community and write interpersonal messages. Reading and listening comprehension is also a big portion of this course. Multiple authentic materials will be used as a resource to improve students' listening, writing, speaking and reading skills. We will talk about the role and contributions of the Catholic Faith when discussing topics related to the global challenges, science and technology, and contemporary life among others. Talking about multiple cultural identities will also be embraced when working with each theme suggested by AP™ College. The class will be conducted 100% in Spanish.

Fine & Applied Arts

The Fine & Applied Arts Department’s mission is rooted in an appreciation of the human experience; these courses endeavor to form graduates capable of personal and cultural communication through the visual, performing and applied arts.

9th Grade	10th Grade	11th Grade	12th Grade
<i>VISUAL ARTS ELECTIVES</i> Intro to Art	<i>VISUAL ARTS ELECTIVES</i> Intro to Art	<i>VISUAL ARTS ELECTIVES</i> Intro to Art	<i>VISUAL ARTS ELECTIVES</i> Intro to Art
<i>MUSIC ELECTIVES</i> Band Choir	Mixed Media Drawing & Painting Sculpture	Mixed Media Drawing & Painting Sculpture	Mixed Media Drawing & Painting Sculpture
<i>APPLIED & DIGITAL ARTS ELECTIVES</i> Principles of Engineering 1 CGDI Digital Photography	<i>MUSIC ELECTIVES</i> Band Choir Music Appreciation	Independent Study	Independent Study
<i>COMMUNICATION ARTS ELECTIVES</i> Broadcasting Creative Writing Journalism	<i>APPLIED & DIGITAL ARTS ELECTIVES</i> Principles of Engineering 1 Principles of Engineering 2 CGDI Advanced CGDI Digital Photography	<i>MUSIC ELECTIVES</i> Band Choir Music Appreciation Music Theory	<i>MUSIC ELECTIVES</i> Band Choir Music Appreciation Music Theory
	<i>COMMUNICATION ARTS ELECTIVES</i> Broadcasting Creative Writing Journalism Editorial Journalism	<i>APPLIED & DIGITAL ARTS ELECTIVES</i> Principles of Engineering 1 Principles of Engineering 2 Principles of Engineering 3 CGDI Advanced CGDI Digital Photography	<i>APPLIED & DIGITAL ARTS ELECTIVES</i> Principles of Engineering 1 Principles of Engineering 2 Principles of Engineering 3 CGDI Advanced CGDI Digital Photography
		<i>COMMUNICATION ARTS ELECTIVES</i> Broadcasting Creative Writing Journalism Editorial Journalism	<i>COMMUNICATION ARTS ELECTIVES</i> Broadcasting Creative Writing Journalism Editorial Journalism

Visual Arts

Introduction to Art

Grade: 9, 10, 11, 12

Credits: 0.5

Prerequisites: None

This class is an introduction to the basic mediums, terms, theory and the history of art. It is organized around the elements of art and principles of design. Learning is assessed through projects, class participation, sketchbook, quizzes, tests, and final portfolio.

Mixed Media

Grade: 10, 11, 12

Credits: 0.5

Prerequisites: Intro to Art

The goal of this class is to foster an understanding and appreciation of various types of art from other cultures. This class will also delve into making art for utilitarian purposes, art for art's sake, and aesthetics. It is product driven with some emphasis on art history and world perspectives. Learning is assessed through projects, sketchbook, class participation, and final portfolio. This class was formerly named Crafts.

Drawing/Painting

Grade: 10, 11, 12

Credits: 0.5

Prerequisites: Intro to Art

This is an upper level art course focusing on higher understanding of drawing and painting medium techniques. Students will be expected to build on and expand skills introduced in Introduction to Art and develop one’s voice as an artist. Learning is assessed through projects, class participation, a sketchbook assigned as homework, written critiques, tests and quizzes and final portfolio presentation.

Sculpture

Grade: 10, 11, 12

Credits: 0.5

Prerequisites: Intro to Art

This class is an introduction to various sculptural and ceramic techniques. Students will learn how to manipulate paper, wire, aluminum, cardboard, and other mediums to create sculptures. Students will also learn the three main hand-building techniques (pinch, coil, and slab) and the pottery wheel. Students will be assessed through projects, class participation, quizzes, tests, and final portfolios.

Independent Study in Art

Grade: 11, 12 Credits: 0.5
 Prerequisites: Intro to Art and one other art course &
 Teacher Recommendation

The focus of the class will be on portfolio construction for students desiring admission to post high school study in Art or skill development for those interested in Art as a hobby. Learning is assessed through a portfolio review of a concentration of at least twelve projects and a breadth encompassing all they have learned to become well-rounded. Completion of Digital Photography course is highly recommended prior to independent study.

Music**Band** (5th hour only)

Grade: 9, 10, 11, 12 Credits: 1.0
 Prerequisites: Experience on a traditional Band
 instrument is preferred

The course begins with a focus on marching band and transitions to concert band providing students the opportunity to learn about music through performance. An active schedule of performance is maintained, however students participating in sports and other activities are still able to take part. Additional opportunities available include participation in District and State Solo & Ensemble festivals and pit orchestra. Band membership is open to students playing traditional brass, woodwind, or percussion instruments. PE credit may be waived by completing and submitting the [PE Waiver form](#) for participating in four years of marching band.

Instrumental Ensemble (SM1 only)

Grade: 10, 11, 12 Credits: 0.5
 Prerequisites: One year of Band

Instrumental Ensemble provides students the opportunity to learn about music through performance. Students will increase technique on the instrument with which they perform and critique performances of fellow students using a predetermined rubric. Students will focus on music for the Costume Concert and Christmas Concert, will be expected to participate in District Solo and Ensemble in either an ensemble or solo event, and are also expected to take Band second semester.

Choir

Grade: 9, 10, 11, 12 Credits: 1.0
 Prerequisites: None

Students will acquire individual vocal skills while developing a school performance group. Members will be responsible for all scheduled performance commitments outside of the school day; however students participating in sports and other activities are still able to take part.

Music Appreciation

Grade: 10, 11, 12 Credits: 0.5
 Prerequisites: None

This course will explore western and non-western music styles that have been popular throughout history. Rock and Roll will be covered in one marking period and classical music will be covered in the other marking period.

Music Theory

Grade: 11, 12 Credits: 0.5
 Prerequisites: None

This course is open to any student and is recommended for anyone considering music as a major or minor in college to learn about music theory. The focus of this course will be on beginning theory, including but not limited to; keys, intervals, chords, and progressions. Students will submit a sixteen measure chorale as their final project.

Applied Arts**Principles of Engineering & Design 1**

Grade: 9, 10, 11, 12 Credits: 1.0
 Prerequisites: None

This course is an introduction to the fundamental skills of drafting as it applies to the disciplines of mechanical and industrial engineering, architecture, structural engineering, and technical illustration. Visual communication techniques for both two and three-dimensional drawings will be emphasized including an introduction to DataCAD, a professional drawing software program. Additional emphasis centers on design and problem solving. Assessment includes drawing projects, class participation, research, and quizzes.

Principles of Engineering & Design 2

Grade: 10, 11, 12

Credits: 1.0

Prerequisites: a C or better in Principles of Engineering & Design 1

This is an advanced level course that continues to build upon the skills obtained in Principles of Engineering & Design 1. Various drawing techniques within multiple disciplines, presentation graphics, and the use of both hand-made and computer models will be explored. Students will use the Internet to research specifications used in their solutions and will continue their proficiency with the DataCAD software program. The second semester of this course focuses on virtual 3D modeling for design, presentation, and 3D printing application. Assessment will include drawing projects, class participation, research, and quizzes.

Principles of Engineering & Design 3

Grade: 11, 12

Credits: 1.0

Prerequisites: a C or better in Principles of Engineering & Design 2

This is an independent study course that provides the third-year student an opportunity to pursue a project of personal interest under the supervision of the instructor. The student will outline, research, and design a project of his or her own selection. The specific outcomes are unique to each individual student's accepted proposal and will be agreed upon by both student and instructor for an in-depth examination of special subjects related to engineering, drafting and design. Assessment will include drawing projects, class participation, and research.

Computer Graphics and Digital Imaging (CGDI)

Grade: 9, 10, 11, 12

Credits: 0.5

Prerequisites: None, Intro to Art recommended

This course is an introduction to digital graphic and commercial art using computers, the most widely used medium in this field. Students are introduced to the Adobe Creative Suite software creating art with both raster and vector digital images for print or electronic display. Topics include image capturing, image resolution, color models, composition methods, successful presentation techniques and preparing images for commercial print. Students will produce a variety of images used for advertising and entertainment purposes including: cartoons, posters, advertisements, brand logos, and digital photo editing.

Advanced Computer Graphics and Digital Imaging

Grade: 10, 11, 12

Credits: 0.5

Prerequisites: CGDI, Digital Photography recommended

In this advanced digital art course, students will use the Adobe Creative Suite software as their medium. This course emphasizes communication through visual means using images created from individual or integrated multiple software programs. Advanced, multilayered graphics and effects will be applied to both vector and raster graphics. The course will also include an introduction to computer animation and integrating audio and video. This course is intended to provide real world experience and exposure to graphic arts. Upon completion of the course students will create a graphic portfolio of their work. Assessment will include a variety of digital drawing projects, class participation, research and quizzes.

Digital Photography

Grade: 9, 10, 11, 12

Credits: 0.5

Prerequisites: None

This course introduces students to the use of the digital camera as a tool to create art. By learning to manage light with various modes, features, and settings of their digital cameras, students will employ a variety of composition effects to highlight a given subject. Post production and digital editing effects will be covered including an introduction to Adobe PhotoShop.

Learning is assessed through weekly photo shoot assignments, class participation and post production, investigation and presentation into photography history and Google Slides portfolio presentation.

Required materials: Students will be required to have their own digital camera (minimum: 6 megapixels resolution), an external memory card that is compatible with their camera, and a USB drive (like a SD card or flash card). Students will need to professionally print two 8x10 images as part of the final exam presentation.

Communication Arts

Journalism

Grade: 9, 10, 11, 12 Credits: 0.5 or 1.0
Prerequisites: None. Digital Photography is recommended, but not required.

This course is designed to help students become proficient in the areas of new writing, editing, photography, layout/design and other elements of production. Students will function as part of a student-led agency, exploring strategies for researching, producing and sharing high-quality news, as well as digital, visual, and editorial content. As part of the course, students will also produce a quality yearbook on time and within budget and learn the basics of graphic design, photo editing, sales, and project management. This course counts as Fine Arts credit, unless that requirement has been met and then is elective credit.

Editorial Journalism

Grade: 10, 11, 12 Credits: 0.5 or 1.0
Prerequisites: Journalism and Teacher recommendation

This course is for experienced yearbook and journalism staffers. Students will lead project teams, sell ads, develop pages, do copywriting, be involved with publicity, take photos and fill editorial positions. This course counts as Fine Arts credit, unless that requirement has been met and then is elective credit.

Creative Writing

Grade: 9, 10, 11, 12 Credits: 0.5
Prerequisites: None

This workshop course provides students with the opportunity to develop their literary talents. They experiment with various forms of poetry and prose as well as practice giving constructive feedback to others. Students submit their writing to publications and contests, as well as share their work with the rest of the workshop. This course counts as Fine Arts credit, unless that requirement has been met and then is elective credit.

Broadcasting (1st hour only)

Grade: 9, 10, 11, 12 Credits: 0.5 or 1.0
Prerequisites: None

Broadcasting is an audio video communications course centering on the daily planning and production of a live Lansing Catholic HS news program. Students will participate and gain experience on both sides of the camera from writing, programming, and producing a daily show to anchoring and interviewing. Short video creation and editing will also be introduced along with an emphasis on improving verbal communication skills. Students will gain experience with professional live video streaming equipment along with creating and editing short video segments. An emphasis is placed on building confidence and developing public speaking skills. This course can be taken for one or two semesters and is repeatable for additional elective credit. This course counts as Fine Arts credit, unless that requirement has been met and then is elective credit. The Broadcasting class fulfills the required Speech/Rhetoric credit for graduation as of the fall of 2020.

ADDITIONAL LCHS COURSE OFFERINGS

Mastery Skills

Grade: 9, 10, 11, 12 Credits: 0.5 or 1.0
Prerequisites: Student Services Coordinator Approval

This course focuses on building and maintaining executive functioning skills. Throughout the semester, this class provides lessons focused on six areas of executive function: working memory, sustained attention, task initiation, time management, goal-directed persistence, and metacognition. Through collaboration with teachers, parents, and students, executive function deficits are determined before the course begins. Using this information the Student Services department, parents, and students create personalized and measurable goals. Along with working towards these goals, students will have the opportunity for academic support from the Mastery Skills teacher. The purpose of this course is to help students achieve their executive functioning goals while providing some curricular support.

Department Aide

Grade: 11, 12 Credits: 0.5 or 1.0
Prerequisites: Office and/or Teacher Approval

Students will assist the teacher, library or office personnel in day-to-day tasks and develop general office and customer service skills. Please note that Department Aide may *not* be taken in conjunction with a Study Hall in the same semester.

Study Hall

Grade: 9, 10, 11, 12 Credits: 0.0
Prerequisites: None

This course gives students a break in their school day to work on homework and replaces an academic course. Study Hall may be taken in either semester or for the entire school year. No credit is earned for taking this course.

EXTENDED CURRICULUM OFFERINGS

Michigan Virtual School Online Courses

Grade: 11, 12 | Credits: 0.5 Prerequisites: GPA >2.5, C or greater in past online courses and counselor & librarian approval

Online elective courses through [Michigan Virtual School \(MVS\)](#) are available for juniors and seniors at LCHS. These courses do not count toward graduation requirements, but will count as elective credit. Students must assume responsibility for their own progress, exhibit a high level of discipline and have proficient computer skills to be successful in these courses. Students will take MVS elective courses in the library under librarian supervision. MVS elective courses are free to our families through our Shared Partnership with Brighton Area Schools. Each MVS course is a semester unless otherwise noted. Students may *not* enroll in more than one MVS class each semester.

MVS Courses Offered:

- Accounting A & B
- Entrepreneurship
- Hospitality & Tourism
- Anthropology
- Criminology
- Native American History
- Sociology
- Astronomy
- Forensic Science
- Medical Terminology
- Oceanography
- Veterinary Science
- Basic Web Design: HTML & CSS
- Foundations of Programming A & B
- JavaScript Game Design
- AP Macroeconomics (semester)
- AP Computer Science (year)
- AP Physics 1 (year)
- AP Statistics (year)
- AP Calculus BC (year)
- AP World History (year)
- Chinese* 1A & 1B
- German* 1A & 1B
- Japanese* 1A & 1B

**May only be taken in upon completion of LCHS language requirement.*

DUAL ENROLLMENT

Grade: 11, 12 | LCHS Credits: optional

Prerequisite: [Read the Dual Enrollment Guidebook then Sign & Return the Dual Enrollment Agreement Form](#)

Dual enrollment is an arrangement that enables students to be enrolled in high school and college courses at the same time. Families interested in this option should ensure that the course(s) elected are transferable. All public and private schools are included in Michigan's Postsecondary Enrollment Act for dual enrollment. The official Principal Eligibility Letter for 2022 can be found [here](#). The State of Michigan currently reimburses a college or university approximately \$630 per student per class, an amount that is determined by the State is subject to change annually. A dually enrolled student is responsible for any and all costs over and above the State reimbursement. If a student fails or withdraws from a course, the student is required to repay the State or College/University. All grades earned are posted to the student's college transcript, including failing grades.

Dual Enrollment classes can count for either college credit or both college and high school credit, but the preference must be indicated at the time of enrollment by the student. Students who elect to receive high school credit for their class will receive credit on Lansing Catholic's Honors weighted scale towards their GPA. Dual enrollment students may attend classes in person or online during the school week or on weekends. Dual enrollment does not count toward graduation requirements and may not be substituted for courses available at LCHS.

Students who would like to dual enroll must meet with their counselor to review eligibility and guidelines as well as complete all necessary paperwork and requirements for the course set forth by the college or university. Students must adhere to the terms of the dual enrollment contract and guidelines for the duration of dual enrollment. All tuition and fees for dual enrollment courses are the family's responsibility. *Please review our [Dual Enrollment Guidebook](#) for detailed information and for the dual enrollment agreement form that must be completed on the last page of the guidebook.*

Rising juniors must be enrolled for a full course load at LCHS for the duration of their junior year; whereas rising seniors may be granted release time depending on their course schedule and graduation requirements. Dual enrollment students may be granted release time by way of a Study Hall or at the end of the LCHS school day. Students must be enrolled at LCHS for the remaining class periods at LCHS with no more than one period being a non-academic class. The total LCHS classes and release periods must equal 7.

Davenport University: Marketing Foundations (1st hr, SM1 only)

Grade: 11, 12 Credits: optional

Prerequisites: State of MI Dual Enrollment Guidelines

This Davenport University dual enrollment course takes place onsite at LCHS. This course explores the role of marketing in society and in the success of an organization. Students learn and apply the strategies, tactics and terminology used by market-oriented businesses. Through critical thinking exercises and case analysis, students become familiar with the primary tools of marketing including market segmentation, product, pricing, marketing communication, research, and marketing channel strategies. Students must elect at the time of enrollment whether to earn only college credit or earn college and LCHS credit. (Students who successfully complete this course will earn three college credits at Davenport at no extra cost.). Please review our [Dual Enrollment Guidebook](#) for more information and for the dual enrollment agreement form. This course request may not be dropped if it will lower the class size below the minimum number of students Davenport requires.

Davenport University: Management Foundations (1st hr, SM2 only)

Grade: 11, 12 Credits: optional

Prerequisites: State of MI Dual Enrollment Guidelines

This Davenport University dual enrollment course takes place onsite at LCHS. This course provides a foundation in basic management principles with special application and focus on the supervisory level of management. The four universal functions of management (planning, organizing, leading, and controlling) are explored. Students learn the theories and

SAMPLE FOUR YEAR PLANS

The following charts provide students and parents with a basic framework for the sequence of the Lansing Catholic course curricula. However, many routes to graduation are possible. These charts are a tool for facilitating conversation with teachers and school counselors. In addition, student interests and aspirations may change over time.

The first chart covers the “standard” progression toward graduation, which will change based on a student’s particular learning needs and interests. Sample plans on the subsequent pages are suggested sequences that correspond to common college and career interests. In all cases, these plans are not fixed. They are simply a tool for illustrating different routes that students might take to achieve their desired academic and/or career goals.

General Graduation Requirements

Credit	Dept	9th		10th		11th		12th	
1.0	TH	Creation & Creator	Christology	Old Testament	Ecclesiology	Catholic Morality	Social Teaching	Philosophy	
1.0	EN	English		US Literature		British Literature		World Literature	
1.0	MA	Math		Math		Math		Math	
1.0	SC	Physical Science		Chemistry		Biology		<i>Elective</i>	<i>Elective</i>
1.0	SS	World History		US History		Economics	<i>Elective</i>	Government	<i>Elective</i>
1.0	WL	Language*		Language		<i>Elective</i>	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>
GRADUATION REQUIREMENTS THAT ARE MOVEABLE									
1.0	GR	Fine Arts		Health		Fine Arts		Rhetoric	PE

Graduation Requirements:

1.0 credits - Fine Arts 9-12th grades

0.5 credit - Rhetoric 10-12th grades (will be 11-12th grades only as of Fall 2023, this graduation requirement was formerly named Speech)

0.5 credit - Health 10-11th grades

0.5 credit - PE 9-12th grades OR [PE Waiver](#) for 4 years of Marching Band OR 2 seasons of school sponsored athletics

*Required in 9th grade except for students who qualify for Mastery or Math Skills; then the requirement is delayed until 10th grade

Band or Choir (4 Years)

9th		10th		11th		12th	
Creation & Creator	Christology	Old Testament	Ecclesiology	Catholic Morality	Social Teaching	Philosophy	
English		US Literature		British Literature		World Literature	
Math		Math		Math		Math	
Physical Science		Chemistry		Biology		Government	PE
World History		US History		Economics	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>
Language		Language		Rhetoric	Health	<i>Elective</i>	<i>Elective</i>
Band / Choir		Band / Choir		Band / Choir		Band / Choir	

Band or Choir with Language (4 Years)

9th		10th		11th		12th	
Creation & Creator	Christology	Old Testament	Ecclesiology	Catholic Morality	Social Teaching	Philosophy	
English		US Literature		British Literature		World Literature	
Math		Math		Math		Math	
Physical Science		Chemistry		Biology		Government	PE
World History		US History		Economics	Health	Rhetoric	<i>Elective</i>
Language		Language		Language		Language	
Band / Choir		Band / Choir		Band / Choir		Band / Choir	

Medical

9th		10th		11th		12th	
Creation & Creator	Christology	Old Testament	Ecclesiology	Catholic Morality	Social Teaching	Philosophy	
English		US Literature		British Literature		World Literature	
Math		Math		Math		Math	
Physical Science		Honors Chemistry		Honors Biology		Physics	
World History		US History		Economics	Rhetoric	Government	PE
Language		Language		Language		Language	
Fine Arts	<i>Elective</i>	Health	Fine Arts	AP Chemistry		Anatomy or AP Biology	

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Business

9th		10th		11th		12th	
Creation & Creator	Christology	Old Testament	Ecclesiology	Catholic Morality	Social Teaching	Philosophy	
English Foundations		US Literature		British Literature		World Literature	
Math		Math		Math		Math	
Physical Science		Chemistry		Biology		Government	PE
World History		US History		Rhetoric	<i>Elective</i>	Business	Business
Language		Language		Language		Language	
Fine Arts	<i>Elective</i>	Health	Fine Arts	Economics	AP Econ	<i>Elective</i>	<i>Elective</i>

Engineering

9th		10th		11th		12th	
Creation & Creator	Christology	Old Testament	Ecclesiology	Catholic Morality	Social Teaching	Philosophy	
English Foundations		US Literature		British Literature		World Literature	
Math		Math		Math		Math	
Physical Science		Chemistry		Biology		Physics	
World History		US History		Economics	Health	Government	<i>Elective</i>
Language		Language		PE	<i>Elective</i>	Rhetoric	<i>Elective</i>
Intro to Art	<i>Elective</i>	Principles of Engineering 1		Principles of Engineering 2		Principles of Engineering 3	

Communications

9th		10th		11th		12th	
Creation & Creator	Christology	Old Testament	Ecclesiology	Catholic Morality	Social Teaching	Philosophy	
English Foundations		US Literature		British Literature		World Literature	
Math		Math		Math		Math	
Physical Science		Chemistry		Biology		Science	
World History		US History		Economics	Rhetoric	Government	PE
Language		Language		Language		<i>Elective</i>	<i>Elective</i>
Fine Arts	<i>Elective</i>	Broadcasting	Health	Journalism		Broadcasting	Creative Writing

Fine Arts (4 Years)

9th		10th		11th		12th	
Creation & Creator	Christology	Old Testament	Ecclesiology	Catholic Morality	Social Teaching	Philosophy	
English		US Literature		British Literature		World Literature	
Math		Math		Math		Math	
Physical Science		Chemistry		Biology		Government	PE
World History		US History		Economics	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>
Language		Language		Rhetoric	Health	<i>Elective</i>	<i>Elective</i>
Intro to Art		Drawing & Painting		Sculpture or Mixed Media		Independent Study in Art	

Liberal Arts

9th		10th		11th		12th	
Creation & Creator	Christology	Old Testament	Ecclesiology	Catholic Morality	Social Teaching	Philosophy	
English		US Literature		British Literature		World Literature	
Math		Math		Math		Math	
Physical Science		Chemistry		Biology		Government	Rhetoric
World History		US History		Economics	AP Econ	AP European History	
Language		Language		Language		Language	
Intro to Art	<i>Elective</i>	Health	Geography	Fine Arts	PE	<i>Elective</i>	<i>Elective</i>