



De La Salle Institute Curriculum Guide 2024 – 2025

Mission Statement

De La Salle Institute is an independent Catholic secondary school rooted in the tradition of Christian education begun by St. John Baptist de La Salle. Founded in 1889, its mission has been, and is, to foster a desire for excellence in education. Young people from a variety of ethnic and economic backgrounds are given the opportunity to fully develop their abilities so they may be active contributing members of our complex, changing society.

St. John Baptist de La Salle,
Pray for us!
Our Lady of Lourdes,
Pray for us!
Live Jesus in our hearts. Forever!

Philosophy

The faculty of De La Salle believes the value and dignity of each student requires that we provide opportunities for each student to develop themselves to the best of his/her abilities. Each student's spiritual, intellectual, social, and physical development is the primary purpose of all the educational processes of De La Salle Institute. Through the curriculum and outside resources, the faculty creates an atmosphere that encourages the capacity for right judgment, provides an introduction to the cultural heritage of American society, promotes a sense of Christian values, develops an appreciation of the aesthetic, and strives to prepare the students for professional and non-professional work in the world.

The Christian Brothers, who own, administer, and help staff De La Salle Institute, have worked with students of varying racial and ethnic backgrounds in order to develop the same skills and attitudes originally fostered by St. John Baptist de La Salle. The brothers can point to the first director, Brother Adjutor, who professed that the brothers were to provide the environment to foster the development of professional and academic skills, which assist the students in becoming successful young men and women who would in turn contribute their talents to the community.

Accordingly, the programs at De La Salle Institute are shaped by a dedication to the Christian life and values. In cooperation with the students and their families, the faculty strives to achieve the development of Christian, educated, and cultured men and women. Through this cooperation, the students work toward the following goals:

- to become Christians who live the Gospel message of Jesus,
- to become educated men and women who possess academic, professional, and job-related skills, which enable them to think critically, assume leadership, and attain responsible use of inalienable freedom,
- to become cultured men and women who appreciate the fine arts,
- to become patriotic citizens who are prepared to live in and appreciate a diverse, integrated society outside of school life, and
- to become men and women who are emotionally prepared to deal with the complexity of life in our changing society.

The students are able to become persons who seek lives based on Christian values and reflect these values in their attitudes, actions, and words. They develop themselves through the daily practice of religion and formal instruction in the Roman Catholic faith and morals. Students immerse in a curriculum that addresses their needs and recognizes the abilities of each other through participation in school activities that can enrich their lives. De La Salle Institute provides the discipline necessary to accomplish these goals.

The faculty is committed to working with each student so he/she can become a Christian, who will contribute positively to our society. De La Salle Institute exists to cultivate in our students the ideals in this philosophy.

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School Leadership

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Director of Advanced Programs

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Student Services

In fidelity to our mission, the Student Services Department is dedicated to providing the young women and men of De La Salle Institute the necessary academic, social, and developmental support required to support their four-year journey.

Director of Student Services

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Director of Learning Services

Ms. Nicole Merz
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Personal/Academic/College & Career Counselors

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General Academic Information

The course of study at De La Salle Institute occurs over four years. Because every student is different, De La Salle's flexible and comprehensive course offerings recognize the needs of its students and respond with a curriculum that is structured, balanced, diversified, and challenging to provide a quality, Catholic, college preparatory education.

Use this guide to select courses that provide you with the strongest academic support to commensurate with your abilities, while enhancing your options. However, before registering for courses, we encourage you to

1. develop or review a four-year plan and your past academic performance with your counselor,
2. seek additional information about specific courses from your counselor, the division dean(s), and/or individual teachers,
3. ask the teachers to provide you with a copy of the course syllabus and any other pertinent information that will help you to learn more about a class, especially if you are considering an AP course, and
4. discuss your course selections with your parents.

Course Registration

Academic success begins with and is directly related to proper course selection and registration. Registration for the following academic year will begin in February. At this time, students and parents will complete the registration form prior to students reviewing it with their counselor. While every attempt will be made to honor each student's requests, placement will also be based on recommendations from classroom teachers and the student's academic performance.

Course Availability

All courses require a sufficient number of student registrants to be offered in a given year. If there is not sufficient interest in a particular course, it will not be scheduled during the upcoming school year. In that situation, every effort will be made to schedule the student's alternate course selection. Also, when the number of registrations for a course exceeds the space available, scheduling priority will be given by class order (seniors, juniors, etc.) and prompt payment of tuition deposit for the upcoming academic year. In that situation, every effort will be made to schedule the student's alternate course selection.

Summer Assignments

Among De La Salle's curriculum goals are the continued development of writing, reading, and analytical skills. Courses at every level are designed with these goals in mind, and some courses may require summer assignments. Assignments will be evaluated as part of the first quarter grade.

Graduation Requirements

The course of study at De La Salle Institute takes place over four years. All the requirements listed below must be met in order for a senior to participate in the graduation ceremony and receive a diploma. Students who do not earn the required credits will not be able to participate in Commencement Exercises unless a waiver is granted by the principal in extraordinary circumstances.

1. Students are expected to carry a minimum of 6.5 credits during their freshman and sophomore years and 6 credits in their junior and senior years. By the end of the senior year, seniors must accumulate a minimum of 25 credits to be eligible for graduation.
2. Students in the Honors Program must carry 7.0 credits during their freshman and sophomore years and 6.5 credits during their junior and senior years unless granted a specific exemption. By the end of their senior year, seniors must accumulate a minimum of 27 credits to be eligible for graduation. With the exception of freshman year, students must obtain 5 credits in honors courses in order to maintain their status in the Honors Program.
3. It is the responsibility of students to be aware of graduation requirements and also to be certain their academic program satisfies the requirements. It is also a requirement for students to review their class schedules for accuracy.
4. Students in Illinois must pass an examination on the U.S. and Illinois Constitutions in order to graduate.

The minimum credit requirements must follow the following format:

Division	Credits	Course Distribution
Social Science	7.0	<ul style="list-style-type: none"> ● 3.5 credits in Theology ● 1 credit in World History ● 1.5 credits in U.S. History includes American Government and Constitution Exam ● 0.5 credit in Civics Education ● 0.5 credit in Consumer Education
Language Arts	7.0	<ul style="list-style-type: none"> ● 4 credits in English ● 2 credits in World Language ● 0.5 credit in Fine Arts ● 0.5 credit in IDA- Intro to DLS Academics (required for LCP)
Applied Sciences	7.0	<ul style="list-style-type: none"> ● 3 credits in Mathematics ● 2.5 credits in Science (includes 1 credit in Biology) ● 1.5 credits in Physical Education
Electives	4.0	<ul style="list-style-type: none"> ● Students can choose from a variety of courses in math, science, applied technology, drama, music, art, accounting, law, language, history..

Advanced Placement (AP) Course Offerings

De La Salle Institute participates in the National College Board Advanced Placement Program. The Advanced Placement Program courses are taught by our highly-qualified faculty and provide students with the opportunity to experience the challenge of college-level courses while still in the supportive high school environment. In addition, the College Board recognizes outstanding AP exam performers with AP Scholar designations. AP courses are intended to challenge students of outstanding ability. Course content in AP courses is broader and deeper, and the pace of instruction is faster; the need for critical thinking and independent inquiry is critical. At the end of each AP course, students will take the national AP exam. Depending upon the exam results, students may earn college credit.

AP Courses Offered:

- | | |
|---------------------------------|--------------------------------|
| AP U.S. Government and Politics | AP U.S. History |
| AP Calculus AB/BC | AP Statistics |
| AP Computer Science Principles | AP Physics |
| AP Chemistry | AP Psychology |
| AP Literature and Composition | AP French Language and Culture |
| AP Spanish Language and Culture | AP Art and Design |
| AP Seminar | |

In addition to our AP offerings, students have diverse opportunities to earn college credit at De La Salle: students can earn dual credit through our partnerships with St. Mary's University in Minnesota (PACC), and Illinois Institute of Technology.

Academic Programs

Honors Program

This program is for students with high ability or special interests. It is designed to enable students to pursue college-level studies while still in high school.

Graduation with an Honors Diploma

To graduate with an Honors Diploma, students must fulfill the following requirements:

- Must schedule and complete 7 credits during freshman and sophomore years and 6.5 credits during junior and senior years
- Except for freshman year, 5.0 credits must be in honors courses
- Maintain a cumulative GPA of 3.50 or above
- Successfully complete the Independent Honors Capstone Project

College Preparatory Program

This program provides students with the traditional college preparatory program. It is designed to prepare students for entrance into college for academic success in the college classroom. Students have an opportunity to pursue four years of studies in most subject areas. The courses and sequences are designed to provide students with sufficient background for a college education. Following the recommended sequence will best assure acceptance into a four-year college or university.

Lasalle College Prep Program

This program of studies is designed to provide students with the opportunity to study college preparatory courses at a less rigorous pace. It is designed to prepare students for entrance into college for academic success in the college classroom. Students have an opportunity to pursue four years of studies in most subject areas. The courses and sequences are designed to provide students with sufficient background for a college education.

Requirements for Admission to State of Illinois Colleges and Universities

The Illinois State Board of Education and Illinois state colleges and universities require the courses listed below for high school graduation and as minimum criteria for admission. While some schools make exceptions, the high school student interested in attending an Illinois state college or university should have courses in the following areas:

Credits	Subjects		Credits	Subjects		Credits	Subjects
4	English		3	Sciences		0.5	Civics
3	Social Sciences		2	World Language / Music / Art			
3	Mathematics		0.5	Consumer Education			

Suggested Course Sequence for Honors Program by Year

	9th	10th	11th	12th
ENGLISH	Honors English I	Honors English II	Honors American Literature	AP Literature and Composition or Honors Literature IV
MATH	Honors Algebra I	Honors Geometry & Pre-Calculus	AP Calculus or Pre-Calculus	AP Statistics, AP Calculus AB or AP Calculus BC
SCIENCE	Introduction to Engineering Design or Honors Biology	Honors Biology or Honors Chemistry	Honors Chemistry, AP Chemistry, AP Physics, or Honors Anatomy and Physiology	AP or Honors Physics, Honors Anatomy and Physiology, AP Chemistry, or science elective
SOCIAL SCIENCES	Honors World History	0.5 credit in Humanities	AP or Honors U.S. History	AP or Honors U.S. Government and Politics
THEOLOGY	Honors Theology I	Honors Theology II	Honors Theology III	Honors Theology IV
WORLD LANGUAGES	Honors Spanish I, Honors French I, or Honors Spanish for Native Speakers I	Honors Spanish II, Honors French II, or Honors Spanish for Native Speakers II	Honors Spanish III, Honors French III, or Honors Spanish for Native Speakers III	AP or Honors Spanish IV or AP or Honors French IV
FINE ARTS	art, drama, music, or Public Speaking			
PE	Physical Education I	Physical Education II	Physical Education III (must be taken either junior or senior year)	Physical Education III (must be taken either junior or senior year)
ELECTIVES	Students will choose 0.5 credit of electives.	Students will choose 1 credit of electives.	Consumer Education	Students will choose between 0.5 – 1 credit of electives.

Suggested Course Sequence for College Prep by Year

	9th	10th	11th	12th
ENGLISH	English I	English II	American Literature	English electives
MATH	Modern Algebra I	Modern Geometry	Algebra II/Trig or Advanced Algebra II	Pre-Calculus or Advanced Math Concepts
SCIENCE	Physical Science or Modern Biology	Modern Biology or Chemistry	Chemistry or science elective	Physics or science elective
SOCIAL SCIENCES	World History		U.S. History I and Consumer Education	U.S. History II or African-American History and Civics
THEOLOGY	Theology I	Theology II	Theology III	Theology IV
WORLD LANGUAGES	Spanish I, French I, or Spanish for Native Speakers I	Spanish II, French II, or Spanish for Native Speakers II	Spanish III, French III, or Spanish for Native Speakers III	Spanish IV or French IV
FINE ARTS	art, drama, music or Public Speaking			
PE	Physical Education I	Physical Education II	Physical Education III (must be taken either junior or senior year)	Physical Education III (must be taken either junior or senior year)
ELECTIVES	Students will choose a 0.5 credit of electives.	Students will choose 1 credit of electives.	Consumer Education Students will choose between 0.5 – 1.0 credit of electives.	Students will choose between 0.5 – 1 credit of electives.

Suggested Course Sequence for Lasalle College Prep by Year

	9th	10th	11th	12th
ENGLISH	English I and Composition and Literature	English II	American Literature	English electives
MATH	Algebra I	Geometry	Algebra II/Trig or Advanced Algebra II	Advanced Math Concepts
SCIENCE	Physical Science	Biology	Environmental Science or Chemistry	Physics or science elective
SOCIAL STUDIES	World History		U.S. History I	U.S. History II or African-American History and Civics
THEOLOGY	Theology I	Theology II	Theology III	Theology IV
WORLD LANGUAGES		Spanish I, French I, or Spanish for Native Speakers I	Spanish II, French II, or Spanish for Native Speakers II	Spanish III, French III, or Spanish for Native Speakers III
FINE ARTS	art, drama, music, or Public Speaking			
PE	Physical Education I	Physical Education II	Physical Education III (must be taken either junior or senior year)	Physical Education III (must be taken either junior or senior year)
ELECTIVES	IDA (Intro to DLS Academics) (Required)	Students will choose between 1 credit of electives.	Consumer Education	Students will choose between 1 credits of electives.

Division of Social Sciences

Disciplines of Theology, Social Studies, and Business Education

Theology

Christian Service-Learning Experience

Jesus perfectly modeled humility in service and showed us that we each have a responsibility to be positive, contributing members of society. The Christian Service-Learning Experience at De La Salle asks students to be engaged in the community by volunteering for non-profit organizations to serve people in need. Under the direction of the Theology teacher, each student will complete 10 hours of service per semester and write a reflection paper that will describe the personal growth gained. Christian Service will be a factor in determining the quarter Theology course grade. A directory of service sites and guidelines is available in the Campus Ministry Office.

Theology I - Understanding Catholic Christianity

Lasalle College Prep - Course Number: 111

College Prep - Course Number: 113

Freshmen

0.5 credit

1 Semester

De La Salle students come from a diversity of religious backgrounds and experiences. To celebrate our religious pluralism, this course serves as a comprehensive overview and introduction to Catholic Christianity and one's own personal faith formation. The overarching understandings of faith, service, community, and social justice are permeated throughout the curriculum to honor the life of St. John Baptist de La Salle and his contributions to education.

Honors Theology I - Understanding Catholic Christianity

Honors - Course Number: 119

Freshmen

0.5 credit

1 Semester

In addition to the content listed for Theology I, the Honors Theology I course requires additional research reflecting Lasallian faith formation and development.

Theology II - Understanding the Old Testament

Lasalle College Prep - Course Number: 121

College Prep - Course Number: 123

Sophomores

0.5 credit

1 Semester

The richness of the Old Testament can be understood only after reading, discussing, and interpreting it for one's own life. Intertwined within the study of scripture, students will discuss issues of relevance for today's Christians. Examining the emotional, social, and spiritual aspects of being a Christian young person, students will explore how it affects their relationships with themselves and others.

Honors Theology II - Understanding the Old Testament

Honors - Course Number: 128

Sophomores

0.5 credits

1 Semester

In addition to the content listed for Theology II - Course 123, the Honors Theology II course requires additional research comparing Old Testament figures to those of contemporary times.

Theology II - Jesus of History: Christ of the New Testament

Lasalle College Prep - Course Number: 122

College Prep - Course Number: 124

Sophomores

0.5 credit

1 Semester

This course centers around Jesus' life, ministry, Passion, and Resurrection as expressed through the authors of the New Testament. Students study the historical, religious, and political climate that Jesus challenged and examine the twenty-seven books of the Catholic canon from a Catholic Christian perspective. Students reflect on the various themes and messages to help them understand how the early Christian communities lived and how Christians apply those same messages to their lives today.

Honors Theology II - Honors Jesus of History: Christ of the New Testament

Honors - Course Number: 129

Sophomores

0.5 credit

1 Semester

In addition to the content listed for Theology II - Course 124, the Honors Theology II course requires additional research comparing New Testament figures to those of contemporary times.

Theology III - History of the Catholic Christian Tradition

College Prep - Course Number: 133

Juniors

0.5 credit

1 Semester

This introductory course is designed to help students grasp the rich and profound history and traditions of the Catholic Church and Christianity. It provides students with an overall view of major developments that shaped the church and how these developments impacted the world. This course creates a better understanding of the outline of the Catholic faith and how to cope with changes.

Honors Theology III - History of the Catholic Christian Tradition

Honors - Course Number: 138

Juniors

0.5 credit

1 Semester

In this course, the sacramental nature of Jesus and His Church. The presentation includes the seven sacraments as being rooted in the values and actions of Jesus and their historical development in the Catholic Church. Students will explore how the seven sacraments are signs and symbols that put the believing Christian community in contact with the Risen Christ.

Theology III - World Religions

College Prep - Course Number: 134

Juniors

0.5 credit

1 Semester

In this course, students gain a deeper appreciation and understanding of world religions. By exploring the basic elements of each religion, students become knowledgeable about the answers each of the religions offers to our concerns. Students explore the fundamental characteristics of world religions and the people who adhere to them.

Honors Theology III - World Religions

Honors - Course Number: 139

Juniors

0.5 credit

1 Semester

This course exposes students to the concept of spirituality throughout the history of world cultures. Beginning with the evolution of religion through primal societies, students appreciate the common elements of religions worldwide. The major religious systems of the world are explored including Hinduism, Buddhism, Sikhism, Confucianism, Taoism, Shinto, Judaism, and Islam. Modern interpretations of cults and Bahai are also discussed.

Theology IV - Christian Lifestyles

College Prep - Course Number: 143

Seniors

0.5 credit

1 Semester

This course is to help students focus on and address the developmental tasks of young adulthood including: identity, autonomy, love, communication, sexuality, learning, work, money, and leisure. These developmental tasks are approached from the Christian perspective and are foundational to any examination of the single, married, religious life, and ordained ministry.

Theology IV - Christian Social Justice

College Prep - Course Number: 144/145

Seniors

0.5 credit

1 Semester

This course seeks to form the minds of young people as they are called to use Catholic social teachings in their daily lives to live out God's vision for justice. Students foster a sense of compassion for those who suffer from injustice allowing them to critically examine society and the need for acts of justice. **Note: This course has a Dual Enrollment option for College Credit through Lewis University.**

Honors Theology IV Christian Lifestyles

Honors - Course Number: 148

Seniors

0.5 credit

1 Semester

This course familiarizes students with the task of finding a place for the Christian vocation in the secular world. Students understand and develop methods for coping with opportunities, challenges, and developmental tasks facing them in young adulthood. The four lifestyle paths of single life, married life, religious life, and ordained ministry are studied in depth to come to an understanding of the theory behind each one.

Honors Theology IV Christian Social Justice

Honors Course Number: 149

Seniors

0.5 credit

1 Semester

This course covers the major problems affecting our world cultures and geography with problem-solving emphasis on Christian values. Students are introduced to the need for justice by illustrating the "smallness" of our world and the commonality of cultures. The role of the Church is examined and evaluated in light of the scriptural call to be a witness for justice and to serve Yahweh.

Faith, Science, and Reason

College Prep - Course Number: 146

Juniors/Seniors

0.5 credit

1 Semester

This elective course explores the historically tenuous relationship between religion and science by considering controversial questions such as: Has science made religion obsolete? Can we prove that God does not exist? Are faith and science compatible? Students read contemporary authors who pose challenges to faith and their religious respondents, including a Catholic, Lasallian worldview that emphasizes God's presence in all things. This course does not take the place of the required Theology IV classes.

Peer Ministry

College Prep - Course Number: 150

Sophomore (2nd semester)/Juniors/Seniors

0.5 credit

1 Semester

This course prepares students to become a Peer Minister. In conjunction with the Campus Minister, students will assist with Friday Prayer Services, school liturgies, student retreats, various giving drives, and service opportunities. Peer Ministers do not have to be Catholic, but they should believe strongly in the Lasallian ideals of Faith, Community, Service, and Social Justice. Applications are open to second-semester sophomores and juniors to serve for the next full

academic year. Because of the commitment required, this co-curricular leadership club is listed as part of the student's schedule as a 0.5 service credit and is indicated as pass/fail on his/her transcript.

Social Studies

Survey of World History

Lasalle College Prep - Course Number: 211

College Prep - Course Number: 213

Freshmen

1.0 credit

2 Semesters

This course explores the history of the world, focusing especially on Africa, Asia, and Europe from the dawn of time until the Renaissance. It is intended to acquaint students with the incredible diversity of human experience, giving them context for understanding the social, cultural, and political world of today. This course will hone skills in reading, writing, media literacy, research, and critical thinking. **All freshmen are required to take this course.**

Honors World History II

College Prep - Course Number: 223

Sophomores/Juniors/Seniors

0.5 credit

1 Semester

This course will explore modern world history from the Renaissance to the Cold War era. Course content will analyze the following historical topics and themes: the rise and fall of monarchies, the development of a nation-state and its people, political and economic ideologies and revolutions, global relations and conflicts, and an understanding of how these events contribute to the social, political, and economic trends of our contemporary world.

Honors World History

Course Number: 219

Freshmen

1.0 credit

2 Semesters

This course is a history of the world, focusing especially on Africa, Asia, and Europe from the dawn of time until the Renaissance. The course is intended to acquaint students with the incredible diversity of human experience, give them context for understanding the social, cultural, and political world of today, and hone their skills in reading, writing, media literacy, research, and critical thinking.

History of Chicago

College Prep - Course Number: 225

Sophomores/Juniors/Seniors

0.5 credit

1 Semester

The course is designed to develop knowledge and excitement about this city's rich history and culture. The class will study everything that has shaped and defined the city including: art, architecture, geography, music, literature, crimes and scandals, sports, civil rights, education, immigration, social class issues, and politics. A survey of ethnic neighborhoods will be covered, along with current issues surrounding the metropolitan area.

Ancient Civilizations and Cultures

Honors - Course Number: 235

Juniors/Seniors

0.5 credit

1 Semester

The course is an intense study of the culture, politics, and geography of ancient civilizations. Students will explore Ancient India, Persia, China, Egypt, Rome, and Greece looking into the area's topography, natural resources, population studies, cultural growth, and achievements. Students will also dive into the study of the arts, music, literature, and cuisine.

Model United Nations

College Prep - Course Number: 226

Sophomores/Juniors/Seniors

0.5 credit

1 Semester

This course is designed to acquaint students with the operations of the United Nations through the study of political positions of member nations. Students will achieve a level of understanding in the use of simulation activities as a means for teaching and learning about the political perspectives of different nationalities on contemporary world issues and geopolitical situations.

Introduction to Psychology

College Prep - Course Number: 227

Juniors/Seniors

0.5 credit

1 Semester

This course offers an introduction to the scientific study of human behavior and psychological processes. It surveys theory and research in the areas of human development, motivation, intelligence, personality, learning interpersonal relations, social influence, organizational behavior, and other aspects of human behavior. The course allows students to explore the relevance of psychology to their personal lives and enhance their ability to apply such knowledge to the analysis of human interaction and behavior.

AP Psychology

Honors - Course Number: 237

Juniors/Seniors

1.0 credit

2 Semesters

AP Psychology is an introductory, college-level psychology course. Students cultivate their understanding of the systematic and scientific study of human behavior and mental processes through inquiry-based investigations as they explore concepts like the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing, and individual differences, treatment of abnormal behavior, and social psychology. **Summer assignments are a requirement of the courses. Students are required to sit for the AP exam.**

United States History I - Origins to the 20th Century

College Prep - Course Number: 233

Juniors

1.0 credit

2 Semesters

This course is a one-year survey of United States history from the Colonial Era to the present with an emphasis on the events occurring after the 19th century. Students will analyze the past through a study of primary and secondary documentation and engaging classroom activities. They will each develop the critical reading and writing skills necessary to become an active and engaged citizen with well-informed opinions able to positively affect civil discourse in their communities. **All juniors are required to take this course.**

Honors US History

Honors - Course Number: 238

Juniors

1.0 credit

2 Semesters

This course explores the progression of American history from the pre-Columbian era to the present. As a rigorous, writing-intensive course, special emphasis will be placed on further developing students' historical thinking and analytical skills. The key concepts and themes of United States history will serve as an overarching framework for student research and argumentation. Students will analyze various perspectives and the range of choices made by historical figures. Enrolled students must complete a summer assignment prior to beginning the honors course.

AP United States History

Honors - Course Number: 239

Juniors

1.0 credit

2 Semesters

The course explores an in-depth study of the years 1491 to the present while placing special emphasis on the key concepts and themes of American history. In order to better prepare students to further develop their historical thinking and analytical skills, independent and interpersonal assessments are used to engage students to create nuanced historical arguments. Enrolled students must complete a summer assignment prior to beginning the AP course. **Summer assignments are a requirement of the courses. Students are required to sit for the AP exam.**

Civics

College Prep - Course Number: 242

Seniors

0.5 credit

1 Semester

This course is the study of citizenship and government. It provides students with a basic understanding of civic life and politics while also covering this country's government's foundation and development. All students must take and pass this course (or SS249) as a state and graduation requirement. **This course is required for all seniors.**

United States History II - Progressives to the 21st Century

College Prep - Course Number: 243

Seniors

0.5 credit

1 Semester

This course picks up where U.S. History I left off in the early 20th century. Throughout this course, students will examine significant historical moments and figures that influenced the continually shifting American culture. Topics covered in this course include, but are not limited to, the United States' military involvement in both World Wars, Korea, Vietnam, and much of the Middle East; the Great Depression and Franklin D. Roosevelt's New Deal; the fight for civil rights particularly for African Americans, as well as Latinos, Native Americans, Asian Americans, women, and the LGBTQ community; American culture, especially the impact of Prohibition, 1950s consumerism, rock, and roll music on younger generations; and current issues in the 21st century.

History Through Film

College Prep - Course Number: 244

Juniors/Seniors

0.5 credit

1 Semester

Students will study American history through film examining historical events by watching, discussing, and writing about movies. This course will ask students to think like a historian while evaluating films based on historical events or figures.

African American History 1619 - Present

College Prep - Course Number: 245

Seniors

0.5 credit

1 Semester

This course is designed to explore African American history from the end of the Civil War through present time. 1619 and the arrival of the first Africans to North America through the present time. It will focus primarily on the history of African American groups and take a comprehensive approach to study the contemporary issues affecting African Americans overall. Students will explore the history of African Americans through primary sources, literature, and class discussions.

History and Literature of the Civil Rights Era

Course Number: 246

Juniors/Seniors

0.5 credit

1 Semester

This course will provide two different perspectives on one of the most important eras in American History, the Civil Rights Era of the 1950s to the present. Students will explore the historical context of literature by reading numerous

fiction and non-fiction texts that investigate the personal stories of people living through the era, as well as the political landscape and how the personal and political interact.

Honors America's Civil War

Honors - Course Number: 247

Juniors/Seniors

0.5 credit

1 Semester

This honors level course elective offers students the opportunity to examine the American Civil War beginning with its causes, moving through the war, and culminating with the reconstruction period. As a result, students will be familiar with the broader issues that shaped the war as well as the detailed experiences that defined it. Students will study primary sources to provide them with the perspectives of those who lived during the time period.

Honors American Politics

Honors - Course Number: 248

Seniors

1.0 credit

2 Semesters

This course is equivalent to an introductory college-level American Government course where students will engage in an in-depth study of the makeup and functions of the United States Government and the American political system. This course includes both the study of the U.S. government and politics and the analysis of specific examples. It requires familiarity with the various institutions, groups, beliefs, and ideas that constitute the U.S. government and politics.

AP US Government and Politics

Honors - Course Number: 249

Seniors

1.0 credit

2 Semesters

AP U.S. Government and Politics provides a college-level introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts/visuals to gain an understanding of the relationships and interactions among political institutions. Students will also read and interpret data, make comparisons and applications, and develop evidence-based arguments. A section of this course will be dedicated to the Constitution, including the Constitution Exam. This course fulfills the state Civics education requirement. **Summer assignments are a requirement of the courses. Students are required to sit for the AP exam.**

Introduction to Media

College Prep - Course Number: 224

Sophomores/Juniors/Seniors

0.5 credit

1 Semester

Prerequisite: A grade of "C" or higher in English Course(s)

Intro to Media will focus on creating video, audio, and social media content for De La Salle Institute. Students are required to attend six school-sanctioned events throughout the semester to film, create audio, and use social media to bring attention to our school. Students will also be taught the skills to be a play-by-play announcer and color commentator and be a part of a production crew for our athletic events. Students will learn the beginning stages of video editing to create videos to be used by athletic teams, clubs, and the school.

Honors Independent Capstone Prep and Project

Honors

Juniors/Seniors

0.5 credit

1 Semester

The Disciplined Inquiry: Independent Capstone Project component of the Honors Program is guided by the principle that inquiry produces knowledge. Its intent is to enable students to produce authentic intellectual work through knowledge construction guided by disciplined inquiry to produce discourses that have value beyond school. Students have the opportunity to apply knowledge and skills to reach adequate solutions to questions they pose themselves by organizing, interpreting, evaluating, and synthesizing information. Students support their findings in acquiring information, concepts, and principles from an academic discipline and effectively communicating their findings.

Students in their junior and senior years research, develop, and write a disciplined inquiry investigation. Students work with a teacher-advisor to develop the research. Upon completion of writing the project, it is submitted to the committee for review and defense. Upon successful completion of the project, students earn a pass/fail grade worth half credit which appears on the transcript during senior year.

Business Education

Introduction to Business

College Prep - Course Number: 924

Sophomores/Juniors/Seniors

0.5 credit

1 Semester

This course focuses on preparing students for their lives after graduation. It centers on teaching students to become familiar with four major areas including: money management, credit management, housing management, and risk management. The goal of this course is to help students develop the knowledge and skills needed to manage these key areas of life.

Consumer Education

College Prep - Course Number: 930

Juniors

0.5 credit

1 Semester

This course introduces students to the functions of financial planning and budgeting, banking, credit, housing, investments, and taxes. In order to become active and informed members of our economy, students will take part in real-world situations that include budgeting, planning for college and beyond, as well as learning about the stock market and taking part in an interactive stock market game. **All juniors are required to take this course.**

Sports Management

College Prep - Course Number: 934

Juniors/Seniors

0.5 credit

1 Semester

This course enables students to study the business of sports and the behind-the-scenes of many professional and college-level sports teams. Students will take part in many projects, one in which they are the GM of a sports team. They will design their team from building jerseys, logos, and stadiums to drafting a team. Students will learn about the evolution of sports and what to continue to expect as sports evolve each day.

Basic Accounting

College Prep - Course Number: 935

Juniors/Seniors

1.0 credit

2 Semesters

This course acquaints students with the general principles of accounting. Students apply principles to a variety of business transactions and prepare financial reports for sole proprietorships, partnerships, and corporations.

Intro to Law

Honors - Course Number: 938

Juniors/Seniors

0.5 credit

1 Semester

This course introduces students to legal principles including the role law plays among individuals, culture, and society; courtroom procedure and the legal system; legal methodology; trial techniques and procedures; and application of the rules of evidence. Students learn, master, and apply the highest levels of argument, authentic research, reasoning, and intellectual persuasion.

Business Law**College Prep - Course Number: 943****Juniors/Seniors****0.5 credit****1 Semester**

This course provides students with foundational information about the U.S. legal system and dispute resolution and their impact on business. The major content areas include general principles of law, the relationship of business and the U.S. Constitution, state and federal legal systems, the relationship between law and ethics, contracts, sales, torts, agency law, intellectual property, and business law in the global context. Field trips may include visits to the Chicago Circuit Courts, Chicago City Council, Cook County Maximum Security prison, and holding facilities.

Moot Court**Honors - Course Number: 939****Juniors/Seniors****0.5 credit****1 Semester**

This course is a legal simulation of an appeal to the Supreme Court. Students represent one side of a case being brought to an appellate court. After researching the rights of an Amendment from the case, students use authentic research to support their argument protecting or challenging the rights of the Amendment. After completing research and preparing cases, students present the cases in front of a simulated Supreme Court and receive a ruling. This course enhances student application of legal knowledge, intellect, and legal theory.

Honors College Accounting**Honors - Course Number: 949****Seniors****1.0 credit****2 Semesters**

This course presents the principles of accounting as applied to all forms of business. Topics of discussion include cost accounting, management accounting, stocks, bonds, and taxation. Students are required to complete a set of accounting papers which will cover the entire accounting process.

Division of Language Arts

Disciplines of English, World Languages, and Fine Arts

IDA - Introduction to De La Salle Academics

Required for Lasalle College Prep - Course Number: 705

Elective for College Prep

Freshmen

0.5 credit

1 Semester

This course for freshmen will focus on the transition from 8th grade to high school. While introducing students to all academic programs available at De La Salle, students will improve study skills, note-taking, time management, and goal setting. This course will help students acclimate to high school while learning the history and Lasallian mission of the school.

Meteor Resource Program

Lasalle College Prep - Course Number: 700

Freshmen/Sophomores/Juniors/Seniors

1.0 credit

2 Semesters

The Meteor Resource Program is an inclusive program dedicated to supporting students at De La Salle Institute. Students participating in this program receive academic support to improve executive functioning skills, study skills, and self-advocacy skills that will help them to experience long-term success at De La Salle and beyond.

Discipline of English

Composition and Literature

Lasalle College Prep - Course Number: 311

Freshmen

1.0 credit

2 Semesters

The focus of the course is to further develop the skills of reading and writing through the practice of comprehension strategies, vocabulary development, and grammar awareness. Students participate in practicing these skills on the individualized learning program IXL.

English I

Lasalle College Prep - Course Number: 312

College Prep - Course Number: 313

Freshmen

1.0 credit

2 Semesters

The course provides a study of grammar, vocabulary, oral communication, critical thinking, writing, library skills, and an introduction to various forms of literature at an accelerated pace. These types of works include short stories, poetry, plays, and novels as well as an extensive study of vocabulary and grammar. Students at this level are acquainted with the research skills necessary to acquire information from a variety of sources. Students work to compose literary analyses as well as how to support claims with evidence in a well-developed essay.

Honors English I

Honors - Course Number: 319

Freshmen

1.0 credit

2 Semesters

The main emphases of this course are on the appreciation and enjoyment of the various forms of literature including short stories, novels, poetry, essays, autobiographies, and narratives. Students study four methods of paragraph development: narration, description, exposition, and persuasion. Oral and library skills encourage students to research and present the material to the class in both written and verbal forms. The formal study of grammar skills and usage, vocabulary, and speech are introduced. Summer reading selections may be assigned.

English II

Lasalle College Prep - Course Number: 321

College Prep - Course Number: 323

Sophomores

1.0 credit

2 Semesters

In this course, students conduct an in-depth study of grammar, vocabulary, speech, writing, and literature. Students study various literary forms, including but not limited to: short stories, novels, plays, poetry, and various levels of nonfiction mediums paying specific attention to the influences of race, class, and gender on society. The course focuses on critical reading and close textual analysis of various works. Students compose literary analyses as well as strengthen skills in how to support claims with evidence in a well-developed essay.

AP Seminar

Honors- 328

Sophomores

1.0 credit

2 semesters

AP Seminar is a foundational course that engages students in cross-curricular conversations to explore the complexities of academic and real-world topics by analyzing diverse perspectives. Students learn to investigate an issue, analyze arguments, compare different perspectives, synthesize information from multiple sources, and work alone and in a group to communicate their ideas. A summer assignment is a requirement in this course. **This course fulfills the 1.0 senior English credit. Summer assignments are a requirement of the courses. Students are required to sit for the AP exam.**

Honors English II

Honors - Course Number: 329

Sophomores

1.0 credit

2 Semesters

In this course, students read letters, essays, and papers following diverse characters written by diverse authors. The literature explored includes selections from the genres of novels, poetry, and nonfiction; the formal study of grammar and speech from freshman year continues and increases in complexity. Grammar, mechanics, usage, spelling, and standardized test preparation are integrated with writing instruction to provide direct relevance to student linguistic efforts. This class consists of written, oral, and presentation-based assessments either individually or in groups. Summer reading selections may be assigned.

Creative Writing

College Prep - Course Number: 325

Sophomores/Juniors/Seniors

0.5 credit

1 Semester

This course is open to students with a passion for writing and self-expression. It is designed as a workshop, so students should be prepared and willing to share their work and critique the work of their peers. Students learn writing techniques for a variety of genres. **This course DOES NOT count toward the 1.0 senior English credit.**

Advanced Creative Writing

College Prep - Course Number: 334

Juniors/Seniors

0.5 credit

1 Semester

Prerequisite: LA 325

This course is offered to students who have completed Creative Writing and wish to continue their development as serious writers. Longer, more collaborative work is created, including an intricate focus on editing and rewriting. **This course DOES NOT count toward the 1.0 senior English credit.**

American Literature

College Prep - Course Number: 333**Juniors****1.0 credit****2 Semesters**

In this course, students study the major authors of American literature in the genres of novels, short stories, poetry, drama, and non-fiction. Public speaking skills are a focus along with comprehension and inferencing. The skill of formal writing continues to be addressed along with their evolution as students. Special attention is given to preparing for standardized tests. Students continue to work on composition and research skills.

Honors American Literature (PACC)**Honors - Course Number: 339****Juniors****1.0 credit****2 Semesters**

This course is designed to familiarize students with the major authors of American literature through an in-depth examination of multiple literary genres. The course aims to develop the students as competent writers who can express ideas on paper as well as through public speaking. The course will prepare students directly for standardized tests. Students will continue to work on composition and research skills. Summer reading selections may be assigned.

Journalism**Honors - Course Number: 335****Juniors/Seniors****1.0 credit****2 Semesters****Prerequisite: Instructor Approval**

Students in this course learn software programs PageMaker 6.5 and Adobe Photoshop to aid in their design of professional publications, such as the school yearbook. Students learn basic journalistic principles and apply those principles toward reporting, writing, and editing copy appropriate for student publications. Students acquire basic photography skills and learn to design professional pages that effectively coordinate photographs, computer images, and written copy. This course may be repeated. Before school and after school work is expected. Enrollment is limited. **This course DOES NOT count toward a 1.0 senior English credit.**

Mythology**Honors - Course Number: 337****Juniors/Seniors****0.5 credit****1 Semester****Prerequisite: 3.5 GPA or higher in prior English classes**

This course covers classical, mythological traditions and answers the following questions: What is a deity? What makes a hero? How does the past affect the present and future? Students study the role of myths in society particularly in terms of the relationship to art and literature, making connections between common, classical traditions and contemporary American society through their reading, critical and analytical thinking, and summative and reflective writing.

African-American Literature**College Prep - Course Number: 342****Seniors****0.5 credit****1 Semester**

This course focuses on literature specifically by and about African Americans and the African-American experience. Literature, history, and politics form the basis of everything the course covers, thus including authors from Frederick Douglas to Toni Morrison and beyond. The course functions as a literary seminar course that focuses on class discussion, persuasive paper writing, and components of comparative literature. **This course counts toward the 1.0 senior English credit.**

Dramatic Literature

College Prep - Course Number: 350
Senior

0.5 credit

1 Semester

In this literature class, students will explore genres of dramatic literature in the form of full-length and one-act plays, slam poetry, spoken word, musical theater, and performance art. This rich literary art form will explore performance through a literary analysis framework that involves script, visual, and character analysis, ultimately culminating in a deeper understanding of human expression, diversity, and empathy. Students will be tasked with creating and presenting, as well as analyzing, original pieces of dramatic literature inspired by the works covered in class. **This course counts toward the 1.0 senior English credit.**

World Literature

College Prep - Course Number: 343
Seniors

0.5 credit

1 Semester

This course examines a variety of authors of world literature. Students read and evaluate representative works in novels, short stories, poetry, drama, and non-fiction. In addition, the course develops students' use of clear and appropriate English prose in preparation for the college level. Students are responsible for generating oral presentations and discussions that best prepare them for discourse within the context of the college classroom. **This course counts toward the 1.0 senior English credit.**

Latino-American Literature

College Prep - Course Number: 344
Seniors

0.5 credit

1 Semester

This course focuses on literature specifically by and about Latino Americans and the Latino-American experience. Literature, history, and culture form the basis of course content, including authors from multiple eras and genres. The course functions as a literary seminar course focusing on class discussion, persuasive paper writing, and components of comparative literature. **This course counts toward the 1.0 senior English credit.**

Contemporary Authors

College Prep - Course Number: 345
Seniors

0.5 credit

1 Semester

In this course, students examine the major elements of literature including drama, poetry, and non-fiction. and short stories focused on modern authors. Special emphasis is placed on the continued development of reading, writing, and public speaking skills, as well as discussions that best prepare students for discourse within the context of the college classroom. **This course counts toward the 1.0 senior English credit.**

Gender Lit Studies

College Prep - Course Number: 346
Seniors

0.5 credit

1 Semester

This course explores the meaning of gender in society today through topics including but not limited to history, politics, arts, sports, and religion. Gender issues are highlighted through fiction, non-fiction, memoirs, poetry, and novels. Writing is a major focus and is assessed through journaling, response papers, and a research-based paper. Gender issues are explored and highlighted in various areas of the world, both past and present. **This course counts toward the 1.0 senior English credit.**

Young Adult Literature

College Prep - Course Number: 347**Seniors****0.5 credit****1 Semester**

In this course, students read works written specifically for young adults in order to become aware of the history of young adult literature and its common themes of identity, diversity, struggle, and relationships. This course demands a high level of student engagement in order to continue the development of literacy and writing skills. **The course counts toward the 1.0 senior English credit.**

Honors Literature IV (PACC)**Honors - Course Number: 348****Seniors****1.0 credit****2 Semesters**

This course enables students to make an easy transition from high school to college. It includes an in-depth study of literature including fiction, poetry, and drama. Students analyze literature focusing on how and why authors create meaning. In addition to literary analysis, emphasis is placed on academic writing and seminar-style discussions. Summer reading selections may be assigned. **This course fulfills the 1.0 senior English credit.**

AP Literature and Composition**Honors - Course Number: 349****Seniors****1.0 credit****2 Semesters**

This course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of literature to deepen their understanding of the ways in which writers use language to provide both meaning and pleasure. Students discuss and engage in a variety of writing activities focusing on argumentation, interpretation, analysis, rhetorical strategies, exposition, structure, and style. Overall, this course will focus on the experience of literature, the evaluation of literature, and writing to develop stylistic maturity and sophistication. **This course fulfills the 1.0 senior English credit. Summer assignments are a requirement of the courses. Students are required to sit for the AP exam.**

World Languages**Spanish****Spanish I****College Prep - Course Number: 413****Freshmen/Sophomores/Juniors****1.0 credit****2 Semesters**

Spanish I is an introductory course designed for students with little or no previous study of Spanish. This course teaches basic language patterns and vocabulary. The focus is on all four language skills including: reading, writing, speaking, and listening as well as the culture of the Spanish-speaking world. Each unit will cover the vocabulary and grammar concepts appropriate to level one using all instructional modalities including visual, audio, kinesthetic, and reading/writing.

Spanish for Native Speakers I**College Prep - Course Number: 415****Honors – Course Number: 416****Freshmen/Sophomores/Juniors****1.0 credit****2 Semesters**

This course is designed for students who speak Spanish at home including students who understand Spanish but do not like to respond in Spanish or for students who want to progress their Spanish-speaking abilities. The fundamentals of Spanish grammar and vocabulary are introduced. Readings in the target language and cultural discussions are common.

Honors Spanish I

Honors - Course Number: 419
Freshmen/Sophomores/Juniors

1.0 credit

2 Semesters

This course is designed for students with little or no previous study of Spanish. It teaches basic language patterns and vocabulary. The focus is on all four language skills including: reading, writing, speaking, and listening as well as the culture of the Spanish-speaking world. Because of the advanced level of the class, students work cooperatively on student-based projects.

Spanish II

College Prep - Course Number: 423

Sophomores/Juniors/Seniors

1.0 credit

2 Semesters

Prerequisite: LA 413 or Division Dean approval

This course is designed to continue the grammar and vocabulary work initiated in Spanish I. The grammar and vocabulary learned will be used in writing, reading, listening, and speaking. The course will focus on communication, cultures, connections, comparisons, and communities.

Spanish for Native Speakers II

College Prep - Course Number: 425

Honors – Course Number: 426

Sophomores/Juniors/Seniors

1.0 credit

2 Semesters

Prerequisite: LA 415, LA 416, or Division Dean Approval

This course is a continuation of Spanish for Native Speakers I. More advanced grammatical structures are introduced as well as lengthier writing assignments. Cultural comparisons are discussed in the classroom. Students broaden their vocabulary in the target language while using the vocabulary in class dialogues and discussions. Additional supplements to the textbook are used throughout the academic year.

Honors Spanish II

Honors - Course Number: 429

Sophomores/Juniors/Seniors

1.0 credit

2 Semesters

Prerequisite: LA 419 or Division Dean approval

This course is designed to continue the grammar and vocabulary work initiated in Honors Spanish I. The grammar and vocabulary learned is used in writing, reading, listening, and speaking. The course focuses on communication, cultures, connections, comparisons, and communities. Students write basic compositions and participate in oral practices and oral presentations in the target language.

Spanish III

College Prep - Course Number: 433

Juniors/Seniors

1.0 credit

2 Semesters

Prerequisite: LA 423 or Division Dean approval

This course furthers the study of grammar, vocabulary, and cultures of Spanish-speaking countries. Students improve their listening, speaking, reading, and writing skills. Students further develop reading comprehension skills through literature, oral presentations, and written exercises.

Spanish for Native Speakers III

College Prep - Course Number: 435

Honors – Course Number: 436

Juniors/Seniors

1.0 credit

2 Semesters

Prerequisite: LA 425 or LA 426, or Division Dean approval

This course is a continuation of the Spanish for Native Speakers II course. Higher grammatical structures are introduced and applied in the target language. Advanced readings are covered as well as discussions based on those readings. An emphasis on culture and connections from different Spanish-speaking countries is part of the curriculum as well as important events. Additional vocabulary and phrases are practiced for everyday use in an oral or written capacity.

Honors Spanish III

Honors - Course Number: 439

Juniors/Seniors

1.0 credit

2 Semesters

Prerequisite: LA 429 or Division Dean approval

This course furthers the study of grammar, vocabulary, and cultures of Spanish-speaking countries. The students improve their listening, speaking, reading, and writing skills. Students further develop reading comprehension skills through literature, oral presentations, and written exercises and have daily conversations and dialogues in the target language. The students enhance their knowledge of special idioms and cultural points.

Spanish IV

College Prep - Course Number: 443

Seniors

1.0 credit

2 Semesters

Prerequisite: LA 433, LA 435, or Division Dean approval

This course continues to build on the vocabulary and grammar structures learned in levels one through three. An emphasis of this course is placed on oral proficiency through discussions of contemporary events and Spanish culture. It also explores Hispanic literature and reinforcement of writing and grammar skills.

Honors Spanish IV

Honors - Course Number: 447

Seniors

1.0 credit

2 Semesters

Prerequisite: LA 436, LA 439, or Division Dean approval

This course emphasizes the development of advanced reading, writing, listening, and speaking skills. It reviews and expands the concepts learned in levels one through three. Students are required to use more sophisticated vocabulary and more complex grammatical structures. Special emphasis is placed on the history, culture, and literature in Spanish.

AP Spanish Language and Culture

Honors - Course Number: 449

Seniors

1.0 credit

2 Semesters

Prerequisite: LA 433, LA 435, LA 436, LA 439, or Division Dean approval

This course emphasizes communication by applying interpersonal, interpretive, and presentational skills in real-life situations. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. This course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (i.e. tools, books, music, laws, conventions, institutions), practices (patterns of social interactions within a culture), and perspectives (values, attitudes, and assumptions). **Summer assignments are a requirement of the courses. Students are required to sit for the AP exam.**

French

French I

College Prep - Course Number: 414

Freshmen/Sophomores/Juniors

1.0 credit

2 Semesters

This course is for students with little or no previous study of French. Each thematic unit covered over the course of the year is designed to teach the fundamental grammar concepts and vocabulary necessary to facilitate oral and written communication as well as reading and listening comprehension at this novice level. An awareness of French-speaking culture (practices, products, and perspectives) is an important focus.

Honors French I

Honors - Course Number: 418

Freshmen/Sophomores/Juniors

1.0 credit

2 Semesters

This course is for students with little or no previous study of French. Each thematic unit covered over the course of the year is designed to teach the fundamental grammar concepts and vocabulary necessary to facilitate oral and written communication as well as reading and listening comprehension at this novice level. An awareness of French-speaking culture (practices, products, and perspectives) will also be an important focus. Honors students are expected to work at an accelerated pace with an emphasis on greater proficiency at the novice level.

French II

College Prep - Course Number: 424

Sophomores/Juniors/Seniors

1.0 credit

2 Semesters

Prerequisite: LA 414 or Division Dean approval

This course is a continuation of the learning initiated in French I. Using a variety of activities, students become familiar with important vocabulary and grammar structures to help facilitate appropriate oral communication, written communication, reading, and listening comprehension at this level. An awareness of French-speaking culture (practices, products, and perspectives) is a focus.

Honors French II

Honors - Course Number: 428

Sophomores/Juniors/Seniors

1.0 credit

2 Semesters

Prerequisite: LA 418 or Division Dean approval

This course is designed for students to continue learning important vocabulary and grammar concepts necessary to facilitate appropriate oral communication, written communication, reading, and listening comprehension at this level. An awareness of French-speaking culture (practices, products, and perspectives) is a focus. Honors students are expected to work at a more accelerated pace with an emphasis on greater proficiency at the novice level.

French III

College Prep - Course Number: 434

Juniors/Seniors

1.0 credit

2 Semesters

Prerequisite: LA 424 or Division Dean approval

This course is a continuation of French I and French II. Using a variety of activities, students become familiar with important vocabulary and grammar structures to help facilitate appropriate oral communication, written communication, reading, and listening comprehension at this level. An awareness of French-speaking culture (practices, products, and perspectives) is a focus.

Honors French III

Honors - Course Number: 438

Juniors/Seniors **1.0 credit** **2 Semesters**
Prerequisite: LA 428 or Division Dean approval

This course, offered to third-year language students, is a continuation of the learning initiated in levels one and two. Using a variety of activities, students become familiar with important vocabulary and grammar structures to help facilitate appropriate oral communication, written communication, reading, and listening comprehension at this level. An awareness of French-speaking culture (practices, products, and perspectives) is a focus.

Honors French IV

Honors - Course Number: 446
Seniors **1.0 credit** **2 Semesters**
Prerequisite: LA 434, LA 438, or Division Dean approval

This course is a continuation of the learning initiated in levels one, two, and three. Using a variety of activities, students build vocabulary and learn advanced grammar concepts to help facilitate appropriate oral communication, written communication, reading, and listening comprehension at this intermediate/advanced level. An awareness of French-speaking culture (practices, products, and perspectives) is a focus.

AP French Language and Culture

Honors - Course Number: 448
Seniors **1.0 credit** **2 Semesters**
Prerequisite: LA 434, LA 438, or Division Dean approval

This is an advanced French course designed to reinforce and add to the skills and content previously taught in French I, II, and III. AP French students work at an accelerated pace at the intermediate-advanced level. The AP French Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This course engages students in an exploration of culture in both contemporary and historical contexts and develops students' awareness and appreciation of cultural products (i.e. tools, books, music, laws, conventions, institutions), practices (patterns of social interactions within a culture), and perspectives (values, attitudes, and assumptions). **Summer assignments are a requirement of the courses. Students are required to sit for the AP exam.**

Fine Arts

Humanities

Honors - Course Number: 729
Sophomores **0.5 credit** **1 Semester**

This course is for sophomores in the Honors Program. Traditional scholars have designated the humanities as philosophy, literature, the fine arts, and history. However, there are few sharp boundaries. This course emphasizes the point of view that wants to know what humanities are about, what type of people we are, and how we came to be this particular way. The answers to these and other questions conjured by scholars in and out of class are sought by means of discussion, exercises, and art workshops. Hands-on experiences are provided in art and music to enhance the humanities experience. **Non-honors students may enroll with the consent of the Director of Advanced Learning Programs.**

Public Speaking

College Prep - Course Number: 713
Freshmen/Sophomores **0.5 credit** **1 Semester**

This course focuses on improving a student's ability to write and speak clearly and effectively. Leaders must communicate. In this class, students are required to write, prepare, and present speeches frequently with the goal being to improve students' confidence and leadership abilities. Students start by preparing and presenting one-minute speeches and conclude the class by preparing and presenting a three-minute final.

Theater

Introduction to Theater

College Prep - Course Number: 712

Freshmen/Sophomores/Juniors/Seniors

0.5 credit

1 Semester

This course expands students' initial thoughts and explores the multiple, complex facets of dramatic theater. Students learn about and experiment with acting, set design, lighting design, costuming, make-up, stage managing, and directing. The class relies heavily on hands-on, in-class teamwork as well as frequent presentations and performances.

Honors Advanced Theater

Honors - Course Number: 732

Sophomores/Juniors/Seniors

0.5 credit

1 Semester

Prerequisite: LA 712 or Division Dean approval

Students who experienced an introduction to elements of theater in Introduction to Theater including acting, set design, lighting, costuming, and stage managing take a deep dive into acting, directing, and playwriting. Students are asked to reflect on themselves, be vulnerable, and connect with others to take their acting to the next level. This course culminates in a leadership role in the One Acts Festival and involves significant dedication outside of class.

Theatrical Production

College Prep - Course Number: 711

Sophomores/Juniors/Seniors

0.5 credit

1 Semester

In this hands-on theater intensive, students will rehearse and design a scripted play. Students in the cast will spend class time on characterization, blocking, and ensemble-building. Crew students will create innovative sets, costumes, lighting, and sound designs that creatively express the themes of the play, challenge their technical skills, and enhance the artistry of the overall production. Students are selected for this class through application and audition only. Application and audition occur in the spring semester of the previous school year for the upcoming fall semester. **Requirements: Students must apply and audition for this course.**

Music

Chorus I

College Prep - Course Number: 710

Freshmen/Sophomores/Juniors/Seniors

1.0 credit

2 Semesters

This course is designed to develop the singing voice, study the fundamentals of music notation/theory, teach the skill of listening, and encourage understanding and enjoyment of good vocal music through the singing of sacred, popular, folk, and classical music. Attention is given to vocal production and music reading with an emphasis on developing voices to their potential. Performances will be included as the group develops.

Advanced Chorus

College Prep - Course Number: 730

Sophomores/Juniors/Seniors

1.0 credit

2 Semesters

Prerequisite: LA 710 or Instructor's Approval

This course is a performance class open to any student with previous choral experience. Vocal techniques, diction, and basic music principles continue to be developed. Focus on singing in unison and in two- and three-part music as a unit are covered. Modern and chamber music are performed. Requirements of this course include additional practices and performances outside of the school day. These include Open Houses, concerts, alumni-related performances, and other De La Salle events. This course may be repeated with the approval of the instructor.

Fundamentals of Band

College Prep - Course Number: 715

Freshmen/Sophomores/Juniors/Seniors

1.0 credit

2 Semesters

This course is designed for students who want to learn how to play a wind band instrument but have little to no musical experience in playing or reading music. It provides the basic fundamentals of music as applied to wind instruments and prepares students to enroll in Concert Band. Students wishing to learn to play percussion instruments should enroll in the Fundamentals of Percussion course rather than Fundamentals of Band. Students are required to provide their own instruments.

Fundamentals of Orchestra

College Prep - Course Number: 716

Freshmen/Sophomores/Juniors/Seniors

1.0 credit

2 Semesters

This course is designed for students who want to learn how to play an orchestra instrument but have little to no musical experience in playing or reading music. Students may choose from traditional string instruments such as: violin, viola, cello, and string bass. The course provides the basic fundamentals of music as applied to these instruments and prepares students to perform at advanced levels. Students learn to play music from the standard orchestral repertoire as well as music from film, television, and popular music.

Advanced Orchestra

College Prep - Course Number: 717

Freshmen/Sophomores/Juniors/Seniors

1.0 credit

2 Semesters

Prerequisite: LA 716 or Instructor's approval

Advanced orchestra is for students with previous orchestral experience on violin, viola, cello, or double bass. Students will utilize skills learned as beginning instrumentalists to gain an even deeper understanding of their instrument and the standard orchestral repertoire. Entry into this course is at the discretion of the orchestra director.

Fundamentals of Percussion

College Prep - Course Number: 718

Freshmen/Sophomores/Juniors/Seniors

1.0 credit

2 Semesters

This course is designed for students who want to learn how to play concert and marching percussion instrument. The course provides the basic fundamentals of music as applied to these instruments and prepares students to enroll as members of the drumline for marching band (and Concert Band) the following school year. Students are required to provide their own percussion kit. Students wishing to learn to play other instruments should enroll in the Fundamentals of Band course rather than Fundamentals of Percussion.

Concert Band

College Prep - Course Number: 735

Freshmen/Sophomores/Juniors/Seniors

1.0 credit

2 Semesters

Prerequisite: LA 715, LA 718, or the approval of the Director of Bands

This course is designed for continuing musicians. Students wishing to enroll in Concert Band must have already studied an instrument for at least one year or have been selected at the discretion of the director, and all students are required to be able to read music before entering Concert Band. Students participate in marching band during football season and Concert Band during the remainder of the year. Incoming freshmen who have experience in playing an instrument should enroll in Concert Band (pending audition). Students are required to provide their own instruments. This course can be repeated each year upon approval of the director.

Honors Concert Band

Honors - Course Number: 736

Freshmen/Sophomores/Juniors/Seniors **1.0 credit** **2 Semesters**
Prerequisite: LA 715, LA 718, or the approval of the Director of Bands

Honors Concert Band is a course following the description for LA 735 Concert Band with the following additions: Students continue to read and play music at concerts, football games, and other scheduled venues. Additionally, students gain an appreciation of the music through active research and written papers and presentations.

Music Theory and Composition

College Prep - Course Number: 733
Sophomores/Juniors/Seniors **0.5 credit** **1 Semester**

In this course, students are introduced to music history; aural training skills; rhythmic, harmonic, and melodic dictation; and sight singing. Concepts of theory and analysis with references to historical context are presented. This is a good course for chorus and band students as it supports skill development in music education.

History of Popular Music

College Prep - Course Number: 734
Juniors/Seniors **0.5 credit** **1 Semester**

This course covers a variety of popular genres including jazz, blues, R&B, soul, hip-hop, punk, folk, country, and others. Classwork and class discussion includes historical and political contexts for the music, reinforcing the idea that music is an artistic reflection of its era. Analysis of songs both as poetry and as musical works include basic literary and musical terms and concepts, ultimately leading to a wider understanding of music as a cultural touchstone that has had and continues to have profound effects on the culture it reflects.

Visual Arts

Fundamentals of Art

College Prep - Course Number: 714
Freshmen/Sophomores/Juniors/Seniors **0.5 credit** **1 Semester**

This course introduces students to various aspects of art including: drawing, colorwork, painting, and basic 3-D design. Techniques in shading, texture, form, and perspective are included in practical exercise work. Emphasis on the elements of art and principles of design are stressed. Self-critique and work in overall evaluation are included.

Digital Photography

College Prep - Course Number: 723
Sophomores/Juniors/Seniors **0.5 credit** **1 Semester**
Prerequisite: LA 714

This course focuses on the foundations of photography and the various ways to use a digital camera. Students examine how to choose and shoot subjects that are both personally meaningful in content and contemporary in context. Instruction includes capturing and printing images in both black and white and color and investigating digital photo editing.

Painting

College Prep - Course Number: 724
Sophomores/Juniors/Seniors **0.5 credit** **1 Semester**

Prerequisite: LA 714

This course explores watercolor, oil, and acrylic along with mixed media. Acrylic painting is done on a variety of surfaces with various techniques. Self-critique and work in overall evaluation is included.

Sculpture

College Prep - Course Number: 725

Sophomores/Juniors/Seniors

0.5 credit

1 Semester

Prerequisite: LA 714

Students use conventional and unconventional materials (i.e. cardboard, fabric, metals, etc.) to construct three-dimensional projects. Students learn how to create a basic mold and use clay as a practicing tool to develop composition subjects.

Animation

College Prep - Course Number: 726

Sophomores/Juniors/Seniors

0.5 credit

1 Semester

Prerequisite: LA 714

This course provides foundational character animation concepts and character development. The concepts include sketching, key positions, breaking down the movement, acting, takes, gestures, dialogue, and facial expressions.

Illustration

College Prep - Course Number: 727

Sophomores/Juniors/Seniors

0.5 credit

1 Semester

Prerequisite: LA 714

This course involves the use of many different media including, but not limited to, computer graphic design. Students' work involves designing business and marketing materials, product design, billboard design, and comic book-style graphic novels.

AP Art and Design

Honors - Course Number: 749

Seniors

1.0 credit

2 Semesters

Prerequisite: LA 714 and two additional art classes or portfolio submission

In this course, students focus on their area of interest and develop their skills as far as possible while developing a portfolio of work suitable for college entrance. Students are individually guided in their development and submission of a 2D, 3D, or drawing portfolio. The development of a portfolio of work to be submitted to the College Board for Advanced Placement college credit is a goal. (May be offered zero period only or in combination with another art class.) **Summer assignments are a requirement of the courses. Students are required to sit for the AP exam.**

Film Studies

College Prep - Course Number: 737

Juniors/Seniors

0.5 credit

1 Semester

This course looks at the history of film and how it has progressed to the form it is today. Students study the transition from silent films to talking films and the effect they have on society. Censorship and other topics are discussed. Students study a number of genres including comedy and drama and are introduced to movies they have likely never seen before in an attempt to widen their scope of viewing. Students write short reviews of the movies as well as take note of the characters, plots, and setting

Division of Applied Sciences

Disciplines of Mathematics, Physical Education, Science and Applied Technology

Disciplines of Mathematics

Algebra I

Lasalle College Prep - Course Number: 512

College Prep - Course Number 513

Freshmen

1.0 credit

2 Semesters

This course is an introduction to algebraic concepts from the order of operations, variables, algebraic expressions, solving equations and inequalities, graphing, polynomials, factoring, and quadratics. The course challenges students and helps to develop their ability to explore and solve real-world problems. Students will receive additional support using IXL.

Honors Algebra I

Honors - Course Number: 519

Freshmen

1.0 credit

2 Semesters

This course introduces students to variables, algebraic expressions, equations, inequalities, functions, graphs, polynomials, factoring, rational and irrational numbers, quadratics and all their multiple representations. This class challenges students and helps develop their ability to explore and solve real-world application problems.

Geometry

Lasalle College Prep - Course Number: 522

Sophomores

1.0 credit

2 Semesters

This course is an introduction to geometric concepts which include segment and angle measurements, relationships between lines, congruent and similar triangles, quadrilateral properties, areas of polygons, surface area and volume of solids, and properties of circles. This class will challenge students and help with the development of logical thinking.

Modern Geometry

College Prep - Course Number: 523

Sophomores

1.0 credit

2 Semesters

This course develops the geometrical knowledge necessary for continued mathematical learning and successful advancement in our mathematical curriculum. In addition, this course promotes the development of logical thinking and an interest in math while dealing with many of the traditional topics inherent to the field. The primary objective is to strengthen students' logical reasoning and spatial visualization skills. Students study fundamental geometric concepts including: points, lines, angles, proofs, triangles, polygons, areas, ratios, proportions, circles, area and volume of solids, right triangles, and coordinate geometry.

Honors Geometry

College Prep - Course Number: 528

Sophomores

1.0 credit

2 Semesters

An accelerated course that will develop the geometrical knowledge necessary for continued mathematical learning and successful advancement in our mathematical curriculum. In addition, this course promotes the development of logical thinking and an interest in math while dealing with many of the traditional topics inherent to the field. The primary objective is to strengthen students' logical reasoning and spatial visualization skills. Students study fundamental geometric concepts including: points, lines, angles, proofs, triangles, polygons, areas, ratios, proportions, circles, area and volume of solids, right triangles, and coordinate geometry.

Honors Algebra II and Trigonometry

Honors - Course Number: 529

Sophomores

1.0 credit

2 Semesters

This course emphasizes the theoretical concepts which are the foundation of the real number system. Problem-solving techniques are expanded in the traditional areas of second-year algebra and trigonometry. The course reflects subject matter pertinent to pursuing advancement in any mathematical, scientific, or technical field.

Algebra II and Trigonometry

College Prep - Course Number: 533

Juniors **1.0 credit** **2 Semesters**

This course investigates the axioms and theorems of the Real Number System. It explores four major areas: how to usefully and simply manipulate algebraic expressions, how to solve algebraic equations by use of the Real axioms, introduce trigonometric functions and their properties, and preparation for the ACT/SAT exam.

Advanced Algebra II and Trigonometry

Advanced - Course Number: 538

Juniors **1.0 credit** **2 Semesters**

This advanced course covers topics that include one-variable and two-variable equations, polynomials, factorization, rational numbers, relations and functions, irrational numbers, quadratics, logarithms, and trigonometry. This course completely integrates the graphing calculator in an investigative setting. Preparation for the ACT exam is an ongoing aim of this course.

Honors Geometry and Pre-Calculus

Honors - Course Number: 539

Juniors **1.0 credit** **2 Semesters**

This is an advanced course for Honors students at the junior level. The course emphasizes the development of logical thinking, basic concepts and proofs, polygons, the Pythagorean Theorem, and area and volume. Students will design and build a balsa wood bridge which will be competitively weight tested. Pre-calculus will cover functions and relations, graphing techniques, and polynomial, trigonometric, exponential, and logarithmic functions.

Statistics in Sports

College Prep - Course Number: 542

Seniors **0.5 credit** **1 Semester**

This senior math elective explores a variety of statistics throughout the sports world. Students discuss the origins of several sports and how statistics and data are used in everyday life. This class uses Microsoft Excel to gather and compile data. Students learn basic functions as well as more complex formulas. Critical thinking, analysis of data, and various sports scoring are involved in reviewing the statistics.

AP Statistics

Honors - Course Number: 537

Juniors/Seniors **1.0 credit** **2 semesters**

Prerequisites: Students must have completed 2 years of algebra with a grade of B or higher, and a GPA of 3.5.

AP Statistics is an introductory college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem-solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions. **At the end of the course, the students are required to sit for the AP exam.**

Advanced Math Concepts

College Prep - Course Number: 545

Seniors **1.0 credit** **2 Semesters**

This course uses mathematics to give students tools to become financially and technologically responsible adults. The course studies key math functions and operations, as well as the numbering system, fractions, decimals, percentages, ratios, and proportions. Real-world scenarios in estimating, investing, credit, banking, insurance, mortgages, employment, taxes, and retirement planning are solved by applying relevant mathematics.

Pre-Calculus (with limits)

Advanced - Course Number: 547

Seniors **1.0 credit** **2 Semesters**

Integrating the graphing calculator, this course teams students together to discover and investigate mathematics in a real-world setting. Topics covered include functions and relations; advanced graphing techniques; polynomial functions and equations; exponential, logarithmic, and trigonometric functions; basic statistics, and an introduction to limits. This course provides an excellent background for the advanced college-bound student.

Honors Calculus (PACC)

Honors - Course Number: 548

Seniors **1.0 credit** **2 Semesters**

Honors Calculus is designed to prepare students for both college and life. Major topics of study in this course include a review of pre-calculus including: the use of limits, derivatives, definite integrals, and the applications of these concepts. The course uses a multi-representative approach to calculus with concepts and problems expressed numerically, graphically, verbally, and analytically.

AP Calculus (PACC)

Honors - Course Number: 549

Seniors **1.0 credit** **2 Semesters**

Honors Calculus is designed to prepare students for both college and life. Major topics of study in this course include a review of pre-calculus including: the use of limits, derivatives, definite integrals, and the applications of these concepts. The course uses a multi-representative approach to calculus with concepts and problems expressed numerically, graphically, verbally, and analytically. **Summer assignments are a requirement of the courses. Students are required to sit for the AP exam.**

AP Advanced Calculus BC

Honors - Course Number: 559

Seniors **1.0 credit** **2 Semesters**

This course follows the successful completion of Calculus AB. Students work to master the following advanced math topics and concepts: differential equations, parametric, polar, and vector functions. Students also explore applications of integrals, series to include partial sums, convergence, and Taylor series. **Summer assignments are a requirement of the courses. Students are required to sit for the AP exam.**

Physical Education/Health

Physical Education/Health I

Course number 610

Freshmen/Sophomores **0.5 credit** **1 Semester**

PE/Health I is designed to help students work toward the goal of good health and lifelong wellness. All students must have the standard type P.E. uniform which is to be purchased through the school at the De La Salle Meteor Shop. **Freshmen and sophomores will be scheduled automatically in P.E./Health.**

Physical Education/Health II

Course Number 620

Freshmen/Sophomores **0.5 credit** **1 Semester**

Students are introduced to weightlifting and discuss healthy living that includes safe relationships and discussions regarding drugs, sexually transmitted diseases, and HIV/AIDS. **Freshmen and sophomores will be scheduled automatically in P.E./Health.**

Strength Training and Conditioning

College Prep - Course Number: 630

Juniors/Seniors

0.5 credit

1 Semester

This course focuses on the benefits of aerobic and anaerobic exercises, body fitness and nutrition, flexibility, and weightlifting techniques. Students engage in activities where they learn the function, location, and proper means to develop muscle groups in order to improve their overall fitness level. Related topics of nutrition, flexibility, and cardiovascular fitness are covered in order to create a more thorough understanding of the importance of each in a balanced lifestyle.

Intro to Athletic Training (P.E. III)

College Prep - Course Number: 631

Juniors/Seniors

0.5 credit

1 Semester

This course examines the duties of an athletic trainer as part of a sports medicine team approach to caring for injured athletes. Students study both the prevention and management of musculoskeletal injuries. Labs in various taping techniques are offered. Topics covered include professionalism in athletic training, risk factors in sports participation, pre-participation physical exams, fitness testing, strength and conditioning, and emergency care. Students become CPR and first aid certified in the class.

Exercise Science and Nutrition (P.E. III)

College Prep - Course Number: 634

Juniors/Seniors

0.5 credit

1 Semester

This course introduces students to an evidence-based review of the direct effects of diet on health and physical activity. Specific topics addressed include nutrient metabolism, body composition management, hydration, mental health, supplements, and food ethics. Students keep a daily food journal as well as follow a health professional to help develop a personal wellness plan.

Coaching Theory (P.E. III)

College Prep - Course Number: 637

Juniors/Seniors

0.5 credit

1 Semester

This P.E. elective is designed for students to develop skills and gain an understanding of important qualities needed to be successful in life as well as in future leadership roles in and out of sports. Skills are developed through discussion, team activities, and cooperative-based learning. Students acquire core knowledge of individual and team sports leadership styles.

Movement and Dance (P.E. III)

College Prep - Course Number: 640

Juniors/Seniors

0.5 credit

1 Semester

This course introduces students to bodily awareness through movement. Students explore mindful movement in yoga and stretching, along with choreographed movement in ballet, tap, jazz, and ballroom dance. It also introduces students to health-based movement in group cardio fitness and modified movement in an exploration of movement for people of differing physical abilities. The class requires daily participation in movement and a high level of commitment to in-class activities.

Science and Applied Technology

Physical Science

College Prep - Course Number: 615

Freshmen

0.5 credit

1 Semester

This course is an introductory lab course required of College Prep and Lasalle College Prep freshmen. Students investigate the basic laws of general science, chemistry, and physics. Students gain an understanding of major scientific principles, the scientific method, the metric system, properties of matter, and the periodic table of elements. The course offers students the opportunity to interpret data and graphs and utilize various laboratory techniques and modern technologies.

Biology

Lasalle College Prep - Course Number: 622

Sophomores

1.0 credit

2 Semesters

This course is designed to help students develop a broad understanding of biological concepts; this course utilizes a mixture of hands-on activities, projects, labs, and formal lectures to guide students to a deeper understanding of biology. Students engage with a variety of topics including genetics, evolution, human anatomy, cell biology, and ecology throughout the course.

Modern Biology

College Prep - Course Number: 623

Sophomores

1.0 credit

2 Semesters

This laboratory course is designed to develop an understanding of concepts and principles in the following areas: cell biology, molecular biology, genetics, evolution, microbiology, proto-zoology, invertebrate and vertebrate biology, anatomy, ecology, and human biology.

Honors Biology

Honors Prep - Course Number: 629

Freshmen/Sophomores

1.0 credit

2 Semesters

Throughout the accelerated course, learning experiences are provided to develop an understanding of concepts and principles in the following areas: metacognition, cell biology, molecular biology, genetics, evolution, nutrition, anatomy, and ecology. Students are expected to do independent, in-depth research into the above topics.

Forensic Science

College Prep - Course Number: 627

Juniors/Seniors

0.5 credit

1 Semester

This elective course incorporates knowledge and skills from multiple science disciplines that follow the procedures of the criminal and civil laws that are enforced by police agencies in a criminal justice system. Students make real-world connections and gain an understanding of the relationship between science and crime.

Environmental Science

College Prep - Course Number: 632

Juniors

1.0 credit

2 Semesters

This course examines the relationship between organisms and their natural environment as well as the human impact on planet Earth. Students investigate natural resources, population growth, electricity and fossil fuels, alternative energy sources, ecology, biodiversity, conservation, invasive species, pollution, environmental policies, human geography, and climate change. Students carry out activities based on the scientific method, analyze and interpret data, see an overview of local and global environmental issues, and present alternative solutions to unsustainable practices.

Earth and Space Science

College Prep - Course Number: 633

Seniors

1.0 credit

2 Semesters

This course provides students the opportunity to develop concepts basic to Earth, its materials, processes, history, and environment in space. Topics include theories on the origin of the universe and solar system, tools of astronomical observation, and the nature of matter. The atomic structure, landforms, minerals and rocks, hydrologic cycle, oceanography, the atmosphere, and natural disasters are also explored. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course.

Chemistry

College Prep - Course Number: 635

Juniors/Seniors

1.0 credit

2 Semesters

This course is designed to be an introductory course. Chemistry deals with the composition of substances and the transformation in which they undergo. This course includes the study of techniques, laws, theories, and problems in this science. It also lays the foundation for understanding chemistry in everyday life. It is a laboratory course that includes individual and group experiments.

Honors Chemistry

Honors - Course Number: 639

Juniors/Seniors

1.0 credit

2 Semesters

Prerequisite: Approval of the instructor or the Division Dean

This course focuses on the basic laws of chemistry, covering the elements of the periodic system, their structure, interactions, and energy relationships. The topics are covered conceptually and mathematically throughout the course in both the classroom and laboratory settings.

AP Chemistry

Honors - Course Number: 637

Juniors/Seniors

1.0 credit

2 semesters

Prerequisite: A "A" average in Algebra II and Chemistry

AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations as they explore content such as atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. **Summer assignments are a requirement of the courses. Students are required to sit for the AP exam.**

Human Anatomy

College Prep - Course Number: 644

Seniors

0.5 credit

1 Semester

This course begins with an overview of the chemical, cellular, and tissue levels of organization. Students study the anatomy of each of the body systems through lab investigations and computer simulations. Students also explore some of the physiology of each system and make connections among the systems and organs.

Physics

College Prep - Course Number: 645

Juniors/Seniors

1.0 credit

2 Semesters

Pre-Requisites: Enrolled in or have taken Algebra II and instructor approval

Modern physics is designed to meet the needs of the advanced ability student and to challenge him/her by a rigorous in-depth study of the following physical phenomena: mechanics, waves and energy transfer including studies of sound, light and optics, electricity and electric circuits, magnetism, nuclear physics, and astronomy. Students use multiple representations of physical processes, solve multi-step problems, set up and perform scientific investigations, and analyze and reflect on their outcomes.

Honors Physics

Honors - Course Number: 647

Juniors/Seniors

1.0 credit

2 Semesters

Honors physics is designed to meet the needs of the advanced ability student and to challenge him/her by a rigorous in-depth study of the following physical phenomena: mechanics, waves, and energy transfer including studies of sound, light and optics, electricity and electric circuits, magnetism, nuclear physics, and astronomy. Throughout the course, students use multiple representations of physical processes, solve multi-step problems, set up and perform scientific investigations, and analyze and reflect on their outcomes. Problem-solving strategies focus attention on techniques to make solutions easier. Practice problems reinforce concepts presented in the text and examples. Various resources are utilized in order to reinforce concepts allowing the students to experience physics in the real world.

AP Physics

Honors - Course Number: 649

Seniors

1.0 credit

2 Semesters

AP Physics is an algebra-based, introductory college-level physics course. In this course, students cultivate their understanding of physics as they explore kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque, and rotational motion. This course helps students develop an understanding of the foundational principles that shape classical mechanics. By confronting complex physical situations or scenarios, students will develop the ability to reason about physical phenomena using important science practices. **Summer assignments are a requirement of the courses. Students are required to sit for the AP exam.**

Honors Anatomy & Physiology (PACC)

Honors - Course Number: 648

Seniors

1.0 credit

2 Semesters

Prerequisite: Chemistry and the approval of instructor or Division dean

This science lab course is designed for advanced ability seniors who are interested in human biology at the university level and a possible career in allied health fields. The course covers all systems of the human body in both health and in disease. It includes significant lab dissections which include a final lab exam of a cat dissection as well as a field trip to a medical school to study a human cadaver. Written and oral reports are required on selected topics.

Applied Technology

Intro to Engineering Design

Honors - Course Number: 817

Freshmen/Sophomores

1.0 credit

2 Semesters

In this lab course, students follow the engineering design process, using math and science concepts while working both individually and in teams to design solutions to a variety of hands-on projects.

Residential Wiring

College Prep - Course Number: 825

Sophomores/Juniors/Seniors

0.5 credits

1 Semester

This course is for students who are interested in obtaining skills for a career in the field of electricity. Students work both individually and in teams on a variety of hands-on projects using various tools.

Honors Principles of Engineering

Honors - Course Number: 827

Sophomores/Juniors/Seniors

1.0 credit

2 Semesters

Prerequisite: AS 817

This is a team-based advanced engineering course designed to expose students to the major concepts that they encounter in a post-secondary engineering course of study.

AP Computer Science Principles

Honors - Course Number: 829

Sophomores/Juniors/Seniors

1.0 credit

2 Semesters

This rigorous, collegiate entry-level course introduces high school students to the foundation of computer science. The course covers a broad range of foundational topics such as programming, algorithms, the internet, big data, digital privacy, and cybersecurity. **Summer assignments are a requirement of the courses. Students are required to sit for the AP exam.**

Robotics

College Prep - Course Number: 831

Juniors/Seniors

0.5 credit

1 Semester

This course gives students an introduction to the field of robotics while using and focusing on the Engineering Design Process (EDP) through using mechanical, electrical, and computation engineering. In building a robot, students learn creativity and engineering-based concepts such as gear ratio, torque, power, lifting systems, and mechanical integration. Students must be recommended by their current math teacher.

Intro to Programming/Coding

College Prep - Course Number: 832

Sophomores/Juniors/Seniors

0.5 credit

1 Semester

This course is designed to introduce students to the fundamental principles and practices of coding in Python programming language. This language is a key component used in the development and coding of apps. Students learn to code, edit, and run basic programs to become familiar with the features of Python. This course is ideal for students interested in pursuing computer science and programming in college.

Intro to Mobile App Development

College Prep - Course Number: 834

Sophomores/Juniors/Seniors

0.5 credit

1 Semester

This class is an introduction to programming for the Android and Apple platforms. Students use Java and Swifty programming language. Many mobile computing devices such as smartphones and tablets use the Android and Apple operating systems. Students learn fundamental programming principles and gain familiarity with Android and Apple platforms to create apps that can run on mobile devices. Students gain practical experience with tools, techniques, and concepts needed to build apps from scratch.

Intro to Web Page Development

College Prep - Course Number: 837

Sophomores/Juniors/Seniors

0.5 credit

1 Semester

This course is designed to introduce students to the basics of building a website. Students create their own websites using HTML and CSS, which are the building blocks of the internet. This course is ideal for students interested in learning about coding and pursuing web development in college or for those looking to gain foundational knowledge of website creation.

Honors Cybersecurity

Honors - Course Number: 839

Sophomores/Juniors/Seniors

1.0 credit

2 Semesters

This course exposes high school students to one of the fastest growing fields in the tech industry. Students compete in CyberStart which provides a hands-on experience of real-world cybersecurity tasks and simulations that help them learn the skills they need to succeed. Students accomplish this through problem-based learning and cybersecurity challenges, computational, and “outside-the-box” thinking.

Advanced Programming/Coding

College Prep - Course Number: 842

Juniors/Seniors

0.5 credit

1 Semester

Prerequisite: AS 832

This course covers advanced programming concepts in Python. It builds on concepts learned in the Intro to Coding class with advanced concepts. Students are introduced to conditionals, functions, and variables. In addition, students acquire analysis, problem-solving, and advanced coding development skills.

Small Engines

College Prep - Course Number: 843

Juniors/Seniors

0.5 credit

1 Semester

This course is designed to introduce students to the theory of operation, construction, maintenance, repair, and adjustment of small engines. Students have the opportunity to work on small engines and relate their knowledge and experiences to larger more complex machines.

Advanced Web Page Development

College Prep - Course Number: 847

Juniors/Seniors

0.5 credit

1 Semester

Prerequisite: AS 837

This course focuses on learning detailed concepts for making rich interactive web pages. Students work on advanced web development topics such as scripting languages, CSS techniques, data validation, database interactions, security, and design considerations.

**Graduation Requirements - Minimum of 25.0 Credits - CP/LCP
Minimum of 27 Credits - Honors**

Class of _____	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
ENGLISH 4.0 credits required				
MATHEMATICS 3.0 credits required				
RELIGION 3.5 credits required				
SCIENCE 2.5 credits required				
SOCIAL SCIENCES 3.5 credits required				
PHYSICAL EDUCATION 1.5 credits required				
WORLD LANGUAGE 2 credits required				
FINE ARTS 0.5 credit required				
Electives 4.0 credits required				

CREDITS PER YEAR

FRESHMAN _____ SOPHOMORE _____ JUNIOR _____ SENIOR _____

CUMULATIVE CREDITS EARNED

FRESHMAN _____ SOPHOMORE _____ JUNIOR _____ SENIOR _____