

Seton-La Salle Catholic High School

***Program of Studies
2010-2011***



RELIGION

- 111 Christ: The Eternal Word / Who is Jesus?**
Level 2
Freshmen-Required
6 Periods per cycle
Credit: 1.0

Christ: The Eternal Word - This course is an introduction to sacred scripture, both the Old and the New Testament. The course presumes no prior knowledge of Catholic Church teaching, nor the study of the Bible. The Bible will be studied for its content, authorship and style. An understanding of criteria for interpretation of scripture and appreciation of the spiritual and literal sense through exegesis of the scriptures will be taught.

Christ: Who is Jesus? – The study of Divine Revelation, as seen in the writings of the Old and New Testaments and fully made known in the person of Jesus Christ, will be explored. A progression will develop in the understanding of God as a Trinity of Persons, Jesus as human and divine, and how Jesus reveals to all people their own humanity. The course will end with an emphasis on personal holiness and the importance of prayer in the faith life of a follower of Christ.

- 121 What Did Christ Accomplish? /**
How Does Christ’s Work Continue Today? - Level 2
Sophomores-Required
6 Periods per cycle
Credit: 1.0

What Did Christ Accomplish? – This course explores the Catholic understanding of salvation history beginning with The Fall in the book of Genesis and ending with the Paschal Mystery, the fullness of redemption. The course finishes with a look to the future when Christ will come again. A process of conversion will be encouraged as a personal call to holiness.

How Does Christ’s Work Continue In the World Today? – This course is a study of the development of the Catholic Church, beginning with Pentecost, continuing with the role of the Apostles in the early church, and following with the development of the hierarchy throughout the ages. A focus of study on the Church as a sign and an instrument of communion with God as understood in the four marks of the Church (one, holy, Catholic, and apostolic) will follow. The course will close with a look at the Church and how its members continue to live out their call to be Disciples of Christ.

- 131 Sacraments as Principal Manifestations of Christ /**
Life in Christ (Part I) - Level 2
Juniors- 131 or 133 Required
6 Periods per cycle
Credit: 0.5

Sacraments as Principal Manifestations of Christ – This course is a study of the sacraments, including a discussion of all seven sacraments with focus on the sacraments of initiation and the sacraments of healing. The role of signs and symbols in daily life is treated in an attempt to prepare the student for an understanding of the symbolic actions of the sacraments. The purpose, origin, history and theology of each of the sacraments as recognized by the Roman Catholic Church are studied. Students are encouraged to participate in the Church’s sacramental life as a means to encounter Jesus and an opportunity to grow in grace.

Life in Christ (Part I) – To be human is to be confronted with a moral quest. This course is designed to encourage students to examine their essential freedom as human beings, to grapple seriously with the call of Jesus Christ to “Reform your lives and believe in the Good News.” The course concerns itself with the basic question: How are we to live? Students learn how to evaluate moral choices by looking at the sources of a moral act: the object, intention and circumstances. They are challenged to live as a disciple of Jesus and to put the Gospel of Life into daily practice.

- 133 HN Sacraments as Manifestations of Christ /**
HN Life in Christ (Part I) – Level 1
Juniors–Teacher Approval
6 Periods per cycle
Credit 1.0

Honors Sacraments as Principal Manifestations of Christ – This course is an in-depth study of the sacraments with attention given to primary sources, such as the magisterial documents and the writings of the church fathers. Students are expected to not only learn the information provided but to apply it and articulate it in an appropriate fashion. Students will come away with an appreciation for the history, purpose and effects of the seven sacraments of the Catholic Church as well as the role of the sign, symbols and rituals in Church life.

The Honors Life in Christ (Part I) – This course will examine Christian moral development and conscience formation. It will include an in-depth look at contemporary moral issues in light of the teachings of the Church. Additional reading will be required to include C.S. Lewis and various moral theologians.

- 141 Life in Christ (Part II) /**
Sacraments at the Service of Communion – Level 2
Seniors Required
6 Periods per cycle
Credit: 0.5

Life in Christ (Part II) - In this course we will examine the dynamics of the human person, giving emphasis to the fact that each person is a loved, living, created being with a core of dignity and worth. We will also explore the dynamics of engaging with others and the essentials of healthy and compassionate relating in our one-to-one daily relationships and in the larger society. We will uncover and discuss many issues, examples and attitudes of injustice that occur in relationships and in society (locally, nationally, and internationally). And in the midst of all of this, we will learn and apply the principles of the gospel and Catholic Social Teaching with the overall hope that it is something each of us can integrate more fully into our everyday living and involvement, thus doing our part to create a more just society.

Sacraments at the Service of Communion – This course is designed to help students discern their vocation by applying the universal call to holiness to their own life. The sacraments of Holy Orders and Matrimony are thoroughly treated with the purpose, origin, history and theology of each studied. Students will consider issues and choices in light of the Gospels and the Christian tradition. Information included is the preparation necessary for the reception of Holy Orders and Matrimony and the effects that follow.

- 151 World Religions - Level 2**
Seniors – Enrichment Elective
6 Periods per cycle
Credit: 0.5

This course is an introduction to the sacred traditions of the world. The course presumes prior working knowledge of Catholic Church teaching, especially in relation to the value and dignity of the human person. It also presumes study of, and general familiarity with, the Bible as the Judeo-Christian source of God’s Revelation. The basis for this course comes directly from the Vatican II document *Nostra aetate*, the call of The Pontifical Council on Interreligious Dialogue to Catholics worldwide, and our Church’s basic, fundamental belief in the value of culture, and the necessity of cross-cultural understanding, in the education of the “whole person”. This is of particular importance in society today. Major religious traditions of the world will be studied comparatively, for Understanding, using: their scriptures as a source of revealed knowledge about the Divine, their historical development as criteria for social interpretation, and their modern psycho-social impact on the world to gain a greater appreciation of spirituality and social justice.

153 **Philosophy - Level 2**
Seniors – Enrichment Elective
6 Periods per cycle
Credit: 0.5

This course is an introduction to the history of human thought. Literally, it translates from the Ancient Greek as *love of wisdom*. In this course, students will pursue that love. It is, by nature, a college entry-level course, and presumes that students will be determined seekers of knowledge. Students must display a willingness to read source materials, be able to write clearly about readings while forming educated opinions about what they have read, and be excited about active participation in the process of debate.

CAMPUS MINISTRY PROGRAM

The Campus Ministry Program provides opportunities whereby students can get involved in a variety of service to others. Through a blending of academic, service and worship, we desire to express our Catholic faith in concrete and visible ways. The balance of academics, service and worship enables our school community to take ownership and responsibility of actualizing our faith. Specific programming:

--**All School Liturgies** for the student body, faculty and staff are celebrated for the opening of the school year, major seasons of the church and for our school patrons St. Elizabeth Ann Seton and St. John Baptist de La Salle.

--**The Sacrament of Reconciliation** is offered during the season of Advent and Lent for the entire Seton-La Salle community.

--**A Retreat Program** is offered to the students by class levels each year.

ENGLISH

211 **Composition I/Prose I - Level 3**
Freshmen-Faculty Placement
6 Periods per cycle
Credit: 1.0

Composition I is designed for the student who has experienced a degree of difficulty in the mastery of basic language skills. Language, grammar, and composition skills are taught in the context of each student developing an efficient prose style. Prose I reinforces the reading skills of students through the study of both nonfiction (essay and biography) and fiction (the short story and novel). Vocabulary is also incorporated into the study of literature.

212 **AC Composition I/Prose I - Level 2**
Freshmen-Faculty Placement
6 Periods per cycle
Credit: 1.0

Composition I - This course emphasizes a thorough knowledge of the basic structures of English and especially of the phrase, clause, and sentence. It also stresses the logical, coherent development of the single-paragraph and multi-paragraph expository papers. (One semester)

Prose I – This course introduces students to a variety of writings, both fiction and non-fiction. The emphasis is on form, using short-stories, novels, essays, biography and autobiography as the basis for understanding literary style and technique. Vocabulary study is integrated into the study of literature. (One semester)

213 **HN Composition I/Prose I - Level I**
Freshmen-Faculty Placement
6 Periods per cycle
Credit: 1.0

This course emphasizes the development of critical thinking and writing skills. Students master basic literary prose theory, complete an intensive reading program, and practice the process of writing literary analysis papers in response to a variety of prose forms. A vocabulary and speech program is designed to reinforce communication and comprehension skills.

221 **Composition 2 - Level 3**
222 **Poetry & Drama**
Sophomores-Teacher Approval
6 Periods per cycle
Credit: 1.0

This course is designed for those students who continue to have difficulties with language skills. Language, grammar, and composition skills will be the major emphasis in Composition 2. (One semester)

Poetry & Drama is designed to familiarize students with the techniques and styles characteristic of poetic and dramatic literature. Reading and writing assignments appropriate to these goals are an integral part of the course work. (One semester)

223 **AC Composition 2 - Level 2**
224 **AC Poetry/Drama**
6 Periods per cycle
Credit: 1.0

AC Composition 2 - This course is an intensive focus on the writing process. Students practice the step-by-step development of several multi-paragraph expository and analytical themes. A vocabulary program, a speech program, and a selective review of grammar and usage reinforce the student's mastery of the writing process. (One semester)

AC Poetry & Drama - This course is designed to familiarize each student with the technique and styles characteristic of poetic and dramatic literature through the ages. Specific works are studied in-depth, and vocabulary exercises help students to develop their critical skills. (One semester)

227 HN American Literature - Level 1
Sophomores-Teacher Approval
6 Periods per cycle
Credit: 1.0

STUDENTS MUST HAVE A "B" AVERAGE OR BETTER TO ENROLL IN THIS COURSE

The theme of the "American Dream" is explored and investigated in this course. A study of select works of major American authors is made as a means of gaining some insight into the American experience as reflected in literature. Writing exercises and discussions center around the relationships between literature and other academic disciplines, e.g. history, art, and psychology.

231 American Literature - Level 3
Juniors-Faculty Placement
6 Periods per cycle
Credit: 1.0

American Literature is designed for students who continue to experience a level of difficulty in their reading comprehension. Unlike the academic level, the course emphasizes the reading skills and techniques rather than an emphasis on the content of the course.

233 AC American Literature - Level 2
6 Periods per cycle
Credit: 1.0

American Literature - The theme of the "American Dream" is explored and investigated in this course. A study of select works of major American authors is made as a means of gaining some insight into the American experience as reflected in literature. Writing exercises and discussions center around the relationships between literature and other academic disciplines, e.g. history, art, and psychology.

235 AP Language & Composition - Level 1
Juniors-Teacher Approval
6 Periods per cycle
Credit: 1.0

STUDENTS MUST HAVE A "B" AVERAGE OR BETTER TO ENROLL IN THIS COURSE.

Students in this course "engage in becoming skilled readers of prose written in a variety of periods, disciplines and rhetorical contexts and becoming skilled writers who compose for a variety of purposes and audiences." (*The College Board*) Students are also introduced to major themes and authors of the American literary tradition. Students enrolled in this course are required to take the AP Exam in Language and Composition at the end of the year and will be awarded college credit if their score is accepted by their chosen college.

241 Literary Forms - Level 3
Faculty Placement
6 Periods per cycle
Credit: 1.0

This course helps students to further develop their reading and writing skills through the study of literary forms (prose/poetry and drama) and expository writing with a focus on research and report development.

242 AC Literary Forms - Level 2
Seniors-Teacher Approval
6 Periods per cycle
Credit: 1.0

This course focuses on the development of literature through the ages in a variety of cultural contexts. It provides the senior student a preparation for college, examining four forms of writing - poetry, drama, prose and research. Student response, formal composition, discussion, and analysis add a final dimension to the course.

243 AP Composition and Literature - Level 1
Seniors-Teacher Approval
6 Periods per cycle
Credit: 1.0
STUDENTS MUST HAVE A "B" AVERAGE OR BETTER TO ENROLL IN THIS COURSE.

This course is designed to provide, in conjunction with previous Honors English courses, a year of college work in English. The course repeatedly implements the principles of literary theory by means of literary analysis and seminar discussions and writing exercises. Emphasis is on the study of British and World Literature. Students involved in this program are required to take the AP Exam and/or enroll in the College in High School Program for college credit.

247 Independent Reading - Level 2
248 Sophomores, Juniors, Seniors
By appointment with teacher approval
Credit: 0.5

Students may register for this course if they wish to accumulate additional credit in English. This course may not be substituted for a required English course. Students will be expected to complete the required reading of six books and compete in the English Festival sponsored each spring by the Western PA Council of Teachers of English. Students must take tests on all six books, submit five multiple choice questions on each, submit a writing portfolio with three entries in response to the featured author=s book, submit an audio-taped reading of a short passage of one of the books, and participate in the activities of the festival day itself, including the journalism competition. Each component will be graded and averaged for a final grade.

250 Vocabulary Builder - Level 2
Freshmen, Sophomores, Juniors, Seniors
6 Periods per cycle
Credit: 0.5

This course offers students the opportunity to "fine tune" their vocabulary which, in turn, helps them to more clearly understand what is read and heard and to write and speak more accurately and precisely. The goal of the course is to add a large number of words to the students' working vocabulary and to teach word-building roots that help to continue to expand their vocabulary.

251 Creative Writing - Level 2
Juniors and Seniors
6 Periods per cycle
Credit: 0.5

Students will analyze the techniques that writers employ in order to engage the imagination of readers. Several works of contemporary authors will serve as models (a collection of poetry, short stories, two plays and a novel). They will participate in a variety of activities that stimulate creative expression and develop a writing portfolio that will include drafts of poems, two short stories, a dramatic skit, and a piece of creative non-fiction. Two of these drafts must be revised, subjected to peer review and teacher assessment and then placed in a showcase portfolio for possible publication, e.g. contest entries, school website, local or national media. Grades are based on class participation and completed portfolio requirements.

252 Film Study
Juniors and Seniors
6 Periods per cycle
Credit: 0.5

Students will increase their understanding of film, a modern art form, with a focus on basic film techniques, the historical development of film, the contributions of major directors and actors, film criticism and major film genres (e.g. western, comedy, crime, animation, musical). Students will view, discuss and analyze six films in class during the course of the semester and ten independently. They will keep a response journal based on their film experiences and submit four formal film reviews.

FOR STUDENTS NOT YET READY TO TAKE
A LANGUAGE COURSE:

200 Developmental Reading
Freshmen
6 Periods per cycle
Credit: 1.0

A reading specialist is provided by the Allegheny County Intermediate Unit offers a skill development in comprehension, vocabulary and other verbal skills. This course provides students with an opportunity to strengthen and reinforce reading, language and composition skills. The goal will be to later prepare students for more advanced skill development requiring advanced competencies in the area of language.

SOCIAL STUDIES

311 World Cultures 1 & 2 - Level 3
Freshmen
6 Periods per cycle
Credit: 1.0

This course will cover the skills of geography, the themes of geography and the knowledge of the major landforms and bodies of water on our planet. It will introduce students to culture and cover a small portion of cultural comparisons.

312 AC World Cultures 1 & 2 - Level 2
Freshmen
6 Periods per cycle
Credit: 1.0

This course will introduce/reinforce the students to concepts in geography, themes in geography and introduce concepts of culture during the first quarter. The remainder of the year, the course will concentrate on the ancient cultures of Egypt, Mesopotamia, India, China & Greece, covering government, religion, society, family and economics.

313 HN World Cultures 1 & 2 - Level 1
Freshmen
6 Periods per cycle
Credit: 1.0

This course will introduce the students to concepts in geography, themes in geography and introduce the concepts of culture. The remainder of the year will concentrate on areas of world cultures that deal with ancient and medieval times up to the 1500's. The course will examine political changes, economic development, geography, contributions and the contrast between cultures.

321 World Cultures 3/
322 U.S. History 1 - Level 3
Sophomores-Required
6 Periods per cycle
Credit: 0.5 per semester

World Cultures 3 (First Semester) - The course is designed around the specific needs of the student. The student will be made aware of similarities and differences between cultures utilizing specific social studies skills. The course develops skills needed for the observation and understanding of society.

U.S. History 1 (Second Semester) - This is a survey course of American History for those students who have experienced difficulty in the mastery of reading skills. Emphasis will be placed on the organization of facts and awareness of the basic elements of society as they apply to the history of the United States from early discovery through the American Civil War.

323 AC World Cultures 3/
324 AC U.S. History 1 - Level 2
Sophomores-Required
6 Periods per cycle
Credit: 0.5 per semester

AC World Cultures 3 (First Semester) is based on the study of change over periods of time in four aspects of society; economics, politics, social organization, and patterns of thought. The course will enable students to understand and appreciate different cultures and global awareness.

AC U.S. History 1 (Second Semester) is a survey course of U.S. History with emphasis on the interrelationships of social, political, and economic factors. Special efforts are made to relate historical events and personalities to contemporary American society. Additional emphasis is placed on the concept of historical trends. The period from discovery through the American Civil War will be covered.

325 **HN World Cultures 3/**
326 **HN U.S. History 1 - Level 1**
 Sophomores
 6 Periods per cycle
 Credit: 0.5 per semester

Honors World Cultures 3 - The course is a continuation of Honors World Cultures 1 and 2. It will begin with the Modern period and continue to the present. It will examine the impact of changes in government, art, science, technology, and religion and its effects of the modern world.

Honors U.S. History 1 – The course is an accelerated and more investigatory approach to American History which emphasizes the application of historical information to past events and evaluation of those events as they relate to current trends and policies. The course is designed to challenge the student to analyze our nation’s history and draw conclusions, while encouraging the on-going development of the skills of synthesis and analysis of history. The period from discovery to the American Civil War will be covered.

331 **U. S. History 2 & 3 - Level 3**
 Juniors-Required
 6 Periods per cycle
 Credit: 1.0

This is a survey course of American History from the Civil War to the present designed for those students who have experienced difficulty in the mastery of reading skills. Emphasis will be placed on the organization of facts and awareness of the basic elements of society as they apply to the history of the United States

332 **AC U. S. History 2 & 3 - Level 2**
 Juniors-Required
 6 Periods per cycle
 Credit: 1.0

This course is a survey course of American History from the Civil War to the present with emphasis on the interrelationships of social, political, and economic factors. Special efforts are made to relate historical events and personalities to contemporary American society. Additional emphasis is placed on the concept of historical trends.

333 **HN U. S. History 2 & 3 - Level 1**
 Juniors
 6 Periods per cycle
 Credit: 1.0

The course is an accelerated and more investigatory approach to American History from the Civil War to the present. The course emphasizes the application of historical information to past events and evaluation of those events as they relate to current trends and policies. The course is designed to challenge the student to analyze our nation’s history and draw conclusions. The goal of the course is to encourage the on-going development of the skills of synthesis and analysis of history.

341 **American Government - Level 3**
 Seniors-Required
 6 Periods per cycle
 Credit: 0.5

The course is designed for those students who experience difficulty in conceptual skills. The course emphasizes fundamental facts and organization of the Federal Government. The goal is to achieve for the student a clear awareness of what the government is and what it does. (1st Semester)

342 **AC American Government - Level 2**
 Seniors-Required
 6 Periods per cycle
 Credit: 0.5

This course is designed to acquaint the student with the Federal Government. This is accomplished by stressing the individual governing bodies on the federal level: the Executive, Legislative, and Judicial branches. (1st Semester)

343 **Economics - Level 3**
 Seniors-Required
 6 Periods per cycle
 Credit: 0.5

The course is designed for students who experience difficulty in conceptual skills. The course emphasizes practical aspects of the economy such as the operation of banking, the money system and how prices are determined. The goal is to achieve for the student a basic understanding of how an economy works. In addition, a basic E.Q. (Economic Quotient) will be established for each student. (2nd Semester)

344 **AC Economics - Level 2**
 Seniors-Required
 6 Periods per cycle
 Credit: 0.5

The course is designed to acquaint the student with the workings of the American market economy. Major topic areas are such as supply and demand, money, banking, GNP, national debt, the Federal Reserve System, and others. The objective of the course is to raise and improve the student’s E.Q. (2nd Semester)

347 **AP European History - Level 1**
 Seniors-Teacher Approval
 6 Periods per cycle
 Credit: 1.0

This is a college-level introductory course in Western Civilization from the late middle ages (1450 A.D.) through the World War II years (1945 and following). The themes of modern European History to be covered in the course are: A) Political and Diplomatic History; B) Economic and Social History; C) Intellectual and Cultural History. Students accepted into the course (**seniors only**) will be required to take the Advanced Placement History Exam and/or enroll in the ACollege in High School Program for credit.

353 **Current Events - Level 2**

355 **Juniors & Seniors**
 6 Periods per cycle
 Credit: Full year-1.0 - One semester-0.5 credit

Current Events will increase the student awareness of past and present events as they break in the media. This will be done by exploring and discussing topics on the local, national, and international level. A wealth of materials will be made available to the students in current events to enhance the development of analytical skills.

Current Events is offered both semesters (Currents Events 1 and Currents Events 2) receiving a full credit if taken and passed for the full year, a half credit for one semester. If a student fails Current Events 1 the student **CANNOT** take Current Events 2 for the Current Events 1 credit.

357 Psychology - Level 2
Juniors & Seniors
6 Periods per cycle
Credit: 0.5

Psychology examines the behavior of individuals. Specific attention is given to key questions such as: How does your personality develop? How can one learn more efficiently? Which is more influential -- heredity or environment? Influential psychologists and their theories will be examined. Participation in class discussions is an integral part of the course. (1st Semester)

358 Sociology - Level 2
Juniors & Seniors
6 Periods per cycle
Credit: 0.5

Sociology explores the interaction of groups. It is interested in expanding the student's knowledge of human relationships. Included is an understanding of encounters with family and peer groups, as well as the influence of larger institutions and organizations within society. Social problems, such as crime, poverty and aging are discussed. Participation in class discussions is an integral part of the course. (2nd Semester)

SCIENCE

411 Introduction to Science – Level 3
Freshmen
6 Periods per cycle
Credit: 1.0

This course serves as an introduction to the high school science curriculum but is geared for the student who has struggled with math and reading. The topics change each quarter. Basic laboratory skills are introduced. Laboratory experiences emphasize making valid measurements, observations and conclusions and writing reports.

412 AC Introduction to Science – Level 2
Freshmen
6 Periods per cycle
Credit: 1.0

This course serves as an introduction to the high school science curriculum as well as providing instruction in basic science measuring techniques. The goal is to produce a strong foundation in critical thinking skills. Laboratory experiences emphasize making valid measurements, observations and conclusions and writing reports.

413 HN Biology - Level 1
Freshmen: Also enrolled in honors level math
6 Periods per cycle
Credit: 1.0

Honors Biology is a survey of Biological Science exclusive of Human Biology. An accelerated version of the Biology course, the range of topics includes botany, micro-organisms, genetics, invertebrate/vertebrate zoology, ecology, cytology, evolution and biochemistry. Laboratory activities and dissections of select invertebrates and vertebrates are included.

420 Biology – Level 3
Sophomores
6 Periods per cycle
Credit: 1.0

This biology course is designed for the second year science student who has experienced difficulty with related mathematics and reading courses as they relate to the study of science. This is a survey class intended to introduce and acquaint students with the vast range of biological science.

421 AC Biology - Level 2
Sophomores: Prerequisite: AC Intro to Science
6 Periods per cycle
Credit: 1.0

This is a survey class intended to introduce and acquaint students with the vast range of biological science. Topics investigated include: plants, microorganisms, biochemistry of nucleic acids, reproductive cytology, genetics, evolution, invertebrate and vertebrate zoology and ecology.

431 Chemistry - Level 3
Offered to students in grades 11 & 12
6 Periods per cycle
Credit: 1.0

This course covers the fundamentals of first-year chemistry, but with a less rigorous and mathematical approach than AC Chemistry. This is a survey course that will include these topics: classification of matter, structure of matter, bonding, basic stoichiometry, nomenclature, states of matter and solutions. There is a laboratory component of the class that is designed to help students develop laboratory and safety skills. Written reports are required for labs.

433 AC Chemistry - Level 2
Offered to students in grades 10 to 12 with a grade of “C” in Algebra 1 or better and a grade of “C” in Biology
6 Periods per cycle
Credit: 1.0

This course is a first-year chemistry course with emphasis on inorganic chemistry. Students study chemistry from both descriptive and quantitative approaches. The course of study for AC Chemistry is designed to prepare students to take additional secondary or post-secondary science courses. Topics covered include the structure of matter, atomic structure, chemical periodicity, nomenclature and equations, various stoichiometric topics, states of matter, and solutions. There is a laboratory component of the class that is designed to help students develop laboratory and safety skills.

435 HN Chemistry - Level 1
Offered to students in grades 10 to 12 with grades of A or B in Algebra 1 and HN Biology
6 Periods & 1 double lab per cycle
Credit: 1.0

The Honors Chemistry class is offered to students who have a strong background in math and science and wish to challenge themselves. Students are introduced to a wide range of topics in chemistry including: scientific methods and measurements, atomic theory, chemical nomenclature, chemical reactions, stoichiometry, thermochemistry, kinetics, chemical bonding and equilibrium. Many of the topics are quantitative and emphasize problem solving. Concepts are reinforced through an extensive laboratory program. Students learn how to conduct experiments in a safe manner and how to write concise and accurate lab reports.

439 AP Chemistry - Level 1
Juniors & Seniors
Offered to students with a grade of A or B in Algebra, Biology, Honors Chemistry and Physics
6 Periods per cycle & 2 double labs per cycle
Credit: 1.0

An advanced placement class, AP Chemistry is equivalent to a first year college chemistry class. It is offered to students who excel in math and science and wish to challenge themselves further. The course follows the AP syllabus. Topics include: gas laws, stoichiometry, molecular bonding and geometry, thermodynamics, kinetics, acids and bases, equilibrium, and electrochemistry. The course includes a significant laboratory component requiring formal lab reports. Problem solving is emphasized throughout the year. Students will be responsible for completing several summer assignments. These assignments will be collected at regular intervals during the summer and will constitute a significant fraction of the student's first quarter grade. Students are required to take the AP exam.

443 AC Physics - Level 2
Juniors & Seniors – Chemistry Teacher Approval;
Grade of “C” or better in Algebra II (not currently enrolled in Algebra II)
6 Periods per cycle
Credit: 1.0

Physics is the study of the interrelationships of matter and energy. The course is a general introduction to the study of Physics and emphasizes mastering concepts rather than problem solving. Emphasis during the first semester will be on the concepts of Newtonian Physics (study of motion and forces). The second semester includes a survey of nuclear physics, light waves, sound waves and electricity.

444 HN Physics - Level 1
Juniors & Seniors – Chemistry Teacher Approval;
Grade of “B” or better in HN Algebra II
6 Periods per cycle
Credit: 1.0

Honors Physics is designed as an accelerated, problem-solving course with a concentration toward kinematics, statics, dynamics, and mechanical energy in both translational and rotational frames of reference during the first semester. Topics studied during the second semester will include some or all of the following: light and sound waves, electricity, particle-wave theory of light, fission, fusion and the application of quantum mechanics to new technologies. This course is an excellent preparation for college (Calculus based) Physics for students interested in pursuing technical college majors. A strong background in math and an interest in problem solving are essential for success in this course.

445 AP Biology - Level 1
Seniors
“B” Average in Chemistry + Physics + Current science teacher approval
6 periods per cycle plus 2 double lab periods.
Credit: 1.0

A survey of general biology at the collegiate level, this course follows the advanced placement outline. Principle areas of emphasis are cytology, molecular biology, genetics, microbiology, organismal biology, anthropology, botany, and ecology. Much emphasis is placed on laboratory work, outside readings, and research projects. Students will be responsible for completing several summer assignments and on-line work which will be collected at regular intervals during the summer and will constitute a significant fraction of the student's first quarter grade. Students must take the AP Biology Exam .

447 AC Human Anatomy/Physiology - Level 2
Seniors and Juniors with current Science Teacher Approval and a Grade of “C” or higher in AC Biology & AC Chemistry
6 Periods per cycle
Credit: 1.0

This is a study of the structure and functions of the human body. It focuses on a systems approach with a recurring theme of homeostasis. Most body systems are investigated; many have correlated investigations/lab activities. Dissections of the sheep eye and bovine heart are two examples of these activities. The capstone facet of this course includes a lengthy fetal pig dissection as a means to appreciate the integration of mammalian anatomy and physiology. Research papers, projects and presentations engage students in topics of applicable personal interest.

451 AC Environmental Science - Level 2
Seniors and Juniors who have completed Chemistry with current science teacher approval
Credit: 1.0

This course employs geographic visualization and data analysis tools in a case-based approach to science education. Topics include populations, resources, alternative energy sources, land, water and soil management and ecosystems. For those who are interested there is also an Environmental Club.

PENNSYLVANIA JUNIOR ACADEMY OF SCIENCE (PJAS)

Seton-La Salle is a member of PJAS and provision is made for high ability or interested students to work on a research project of their own choice. A member of the Science Department will supervise and sponsor any seriously interested student. Occasional meetings or individual conferences can be scheduled as needed, particularly during the first semester of the school year.

PITTSBURGH REGIONAL SCIENCE & ENGINEERING FAIR

Seton-La Salle Catholic High school is a member of the Pittsburgh Regional Science and Engineering Fair. This series of events provides highly motivated students opportunities to present original research, attend informative presentations, and interact with local individuals who are significantly involved in science and technology. A member of the Science Department will supervise and sponsor seriously interested students. Rewards and possibilities of recognition are available via this annual competition.

MATHEMATICS

**509 Pre-Algebra - Level 3
Freshmen
6 Periods per cycle
Credit: 1.0**

Pre-Algebra is the first part of a two-year course covering the most basic principles of algebra. It is less theoretical than Academic Algebra 1 and reviews both arithmetic and algebraic skills and prepares students to proceed into AC Algebra 1.

**512 AC Algebra 1 - Level 2
Freshmen & Sophomores-Faculty Approval
6 Periods per cycle
Credit: 1.0**

In Academic Algebra 1 the students learn the mathematics of signed numbers and polynomials as well as the techniques for solving linear equations and inequalities in one variable. Basic statistics, algebraic word problems and laws of exponents are explored in addition to two dimensional graphing and factoring.

**513 HN Algebra 1 – Level 1
Freshmen – Teacher Approval
6 Periods per cycle
Credit: 1.0**

In Honors Algebra 1 the students learn the mathematics of polynomials and the techniques for solving linear equations and inequalities in one variable. Basic statistics, algebraic word problems and laws of exponents are explored in addition to two dimensional graphing and factoring. Quadratic and rational numbers are also included.

**521 Geometry - Level 3
Sophomores & Juniors-Teacher Approval
6 Periods per cycle
Credit: 1.0**

The aim of Geometry is to help students develop logical thought processes and informational analysis. Definitions, postulates, and theorems are utilized to develop concepts of polygons, angles, congruency, similarity, right triangle relationships, area, and volume. There is less emphasis on formal proof.

**522 AC Geometry - Level 2
Freshmen, Sophomores, Juniors-Teacher Approval
Prerequisite: Algebra 1
6 Periods per cycle
Credit: 1.0**

Academic Geometry is designed to develop a logical thought process. Students learn to use definitions, postulates, and theorems to complete formal proofs. Polygons, angles, congruency, similarity, right triangle relationships, circles, areas and volumes, and Coordinate Geometry are also exposed.

**524 HN Geometry - Level 1
Freshmen, Sophomores, Juniors
Teacher Approval - Prerequisite: Algebra 1
6 Periods per cycle
Credit: 1.**

The aim of Honors Geometry is to develop a deductive system involving undefined terms, definitions, postulates, and theorems. While the topics are similar to course 522, emphasis is placed on logic, proof and the development of mathematics systems and models. Coordinate Geometry, and Solid Geometry are also covered. Algebra is integrated into the course and transformations are included if time permits.

532 Algebra 2 - Level 3
Juniors & Seniors
Prerequisite: Algebra 1; Geometry
6 Periods per cycle
Credit: 1.0

Algebra 2 designed to cover the basics of Algebra 2 (beginning with a review of Algebra 1) for those who have difficulty with mathematics but still wish to acquire more knowledge of the subject. All topics presented in Academic Algebra 2 (with the exception of conic sections) are presented but with less detail.

533 AC Algebra 2 - Level 2
Sophomores, Juniors, Seniors
Teacher Approval - Prerequisite: Algebra 1; Geometry
6 Periods per cycle
Credit: 1.0

In Academic Algebra 2 the students will expand their knowledge from Algebra 1 by studying the following topics: the real number system, operations on algebraic expressions, factoring; operations on rational expressions, equations and inequalities in one or more variables; linear relations; radicals; complex numbers; quadratic equations; and conic sections.

536 HN Algebra 2 - Level 1
Sophomores, Juniors, Seniors
Teacher Approval-Prerequisite: Algebra 1
Geometry
6 Periods per cycle
Credit: 1.0

In Honors Algebra 2 students will expand their knowledge from Algebra 1 by studying the following topics: systems of linear equations, graphs in space, polynomials, radicals, irrational numbers and sequences. Polynomial functions, quadratic relations, exponents, logarithms and matrices are also covered.

538 HN Trigonometry / Functions – Level 1
Juniors and Seniors – Teacher Approval
6 Periods per cycle
Credit: 1.0

HN Trigonometry/Functions is designed for those students who plan to enroll in AP Calculus in their senior year. Basic trigonometric functions and identities are covered in detail. Various types of mathematical functions such as exponential and logarithmic functions are examined. Graphing using both Cartesian and polar coordinates is emphasized. Such topics as conic sections, translation and rotation of axis, vectors and series and sequences are included as well.

541 AC Trigonometry - Level 2
Juniors & Seniors-Teacher Approval
Prerequisite: Algebra 1, 2, and Geometry
6 Periods per cycle
Credit: 1.0

Academic Trigonometry emphasizes the relationship between trigonometry and its applications in the physical world as well as the many connections between it and other areas of mathematics. Topics covered include Identities, Graphing, Inverse Functions, Solving Triangles, Vectors, Complex Numbers, and Limits of Sequences. Scientific calculators and graphing calculators will be used as tools for developing mathematical ideas and relationships as well as for calculations in problem solving.

544 AC Functions - Level 2
Seniors-Teacher Approval
6 Periods per cycle
Credit: 1.0

The Academic Functions course continues the study of the topics in Academic Trigonometry. Various types of mathematical functions and their graphs are examined. Conic sections, symbolic logic, and vectors are also included in the course of study. This course is not a preparation for a high school Calculus course.

546 AP Calculus – Level 1
6 Periods per cycle
Credit: 1.0

An advanced placement course, Calculus deals with both differential and integral Calculus. The topics covered include functions, limits, derivatives, applications of derivatives integrals, applications of the definite integral, transcendental functions, and further methods of integration. Students will have the option of taking the AB or the BC Advanced Placement test. Students may obtain three college credits from Seton Hill College.

548 HN Calculus – Level 1
6 Periods per cycle
Credit: 1.0

Calculus deals with both differential and integral Calculus. The topics covered include functions, limits, derivatives, applications of derivatives integrals, applications of the definite integral, transcendental functions, and further methods of integration.

560 Business Math – Level 3
Seniors with faculty approval
6 Periods per cycle
Credit: 1.0

This course is a study of the practical application of mathematical skills and operations for both business and personal use. Students will explore and study a wide variety of topics that include taxes, checking/saving accounts, budgeting, loans, interest, insurance, investments, sales/marketing, inventory, and the purchasing of both a car and a home.

WORLD LANGUAGES

600 French 1 - Level 3
6 Periods per cycle
Credit: 1.0

This course follows a similar format to AC French 1, Level 2, but is geared to the less language-oriented student. Projects take the place of some written assignments, and the student is required to do less memorization of spelling and grammar rules. French culture and conversation are important components of this basic introduction to the French language. This course will be taught in alternating years with Spanish 1, Level 3. This course will not be offered in the 2009-10 school year.

601 AC French 1 - Level 2
Freshmen, Sophomores, Juniors, Seniors
Teacher Approval
6 Periods per cycle
Credit: 1.0

In the first level, the student is introduced to the study of French through the development of the listening, speaking, reading, and writing skills. Good pronunciation is stressed. The student will learn basic vocabulary and grammar structures which will allow the student to converse to a limited degree about everyday topics, such as family, school, and leisure activities. Cultural aspects of the French way of life are introduced and contrasted with our own customs.

602 French 2 - Level 3
6 Periods per cycle
Credit: 1.0

French 2 is a continuation of French 1. The focus is oral comprehension and a level of competency in the spoken language. These goals are achieved through conversation and vocabulary based on French readings. Basic grammar is presented and reviewed through readings. Class participation is essential to this course. Cultural aspects of the French way of life are introduced and compared with our own customs.

603 AC French 2 - Level 2
Freshmen, Sophomores, Juniors, Seniors
Teacher Approval-Prerequisite: French 1;
successful completion of French in grade school
6 Periods per cycle
Credit: 1.0

French 2 is a continuation of French 1. The focuses of French 2 are a higher oral comprehension and competency in the written and spoken language. These goals are achieved through intensive conversation and readings. Vocabulary and grammar points are presented in detail and then reviewed through their use in readings. Students demonstrate grammar and vocabulary competency through written paragraphs. A high level of class participation is essential to this course. Cultural aspects of the French way of life are introduced and compared with our own customs.

604 HN French 2 - Level 1
Sophomores, Juniors, Seniors
Teacher approval / first semester average of "A"
in French 1
6 Periods per cycle
Credit: 1.0

French 2 is a continuation of French 1. A high level of oral comprehension and competency in the written and spoken language are expected. These goals are achieved through intensive conversation based on many readings. Vocabulary and grammar points are presented in more detail and then reviewed through their use in readings. Students demonstrate their grammar and vocabulary competency through written paragraphs. Full participation is essential to this course in order to improve comprehension and speaking skills. Cultural aspects of the French way of life are introduced and compared with our own customs.

605 AC French 3 - Level 2
Sophomores, Juniors, Seniors-Teacher Approval
6 Periods per cycle
Credit: 1.0

Building upon the foundation of French 1 and 2, this course continues to develop the four language skills of listening, speaking, reading, and writing, while completing the study of basic French grammar.

606 HN French 3 - Level 1
Sophomores, Juniors, Seniors
Teacher Approval and 1st Semester average of
an "A" in French 2
6 Periods per cycle
Credit: 1.0

This course follows the same format and uses the same materials as AC French 3, Level 2, but is conducted at an accelerated pace. Use of French in the classroom is emphasized and mastery of more complex grammatical structures is required. Students are expected to complete more difficult writing assignments and to present lengthier spoken presentations. The course will prepare the student for the demands of the fourth level and is recommended for those students who wish to complete the entire French sequence.

607 HN French 4 - Level 1
Juniors, Seniors-Teacher Approval
6 Periods per cycle
Credit: 1.0

This proficiency-based course is designed to provide opportunities for the students to enhance their functional listening, speaking, reading and writing skills in French. The goal is the acquisition of a useful, communicative command of the language. This goal will be realized through the use of authentic French-language materials, active oral and written practice of real-life language tasks, and exploration of cultural topics conveyed by literature and films.

608 HN French 5 - Level 1
Seniors-Teacher Approval
6 Periods per cycle
Credit: 1.0

This course targets students who entered French 2 in the freshman year and have completed AC French 2 through Honors French 4 by the end of their junior year. Course content will include but is not be limited to the use of authentic French-language materials, literature and film.

610 Spanish 1 - Level 3
Freshmen, Sophomores
6 periods per cycle
Credit: 1.0

This course follows a format similar to AC Spanish 1-Level 2, but is geared to the less-language oriented student. Less emphasis is placed on memorization of spelling and grammatical rules. This course will be taught in alternating years with French 1, Level 3. This course will be offered in the 2009-10 school year.

611 AC Spanish 1 - Level 2
Freshmen, Sophomores, Juniors, Seniors
6 Periods per cycle
Credit: 1.0

AC Spanish 1 is an introductory course not only into the language itself, but also the beliefs and behavior of a people and their culture, which is best reflected by a language. The language is acquired through memorization, speaking, reading, and writing experiences. A state of the art text is used to offer a balance between proficiency and grammar. Technology boosts students confidence and retention as well as motivating language learning.

612 Spanish 2 - Level 3
Teacher Recommendation
6 Periods per cycle
Credit: 1.0

This course is a continuation of AC Spanish 1 or Spanish 1, but is geared to the student who experienced difficulty with Spanish 1. This course is presented at a slower pace, covers the same material as AC Spanish 2, but with less emphasis on detail and more on comprehension and idiomatic expressions.

613 AC Spanish 2 - Level 2
Freshmen, Sophomores, Juniors, Seniors
Teacher Approval-Prerequisite: Spanish 1
6 Periods per cycle
Credit: 1.0

AC Spanish II affords the students a new kind of Spanish program. The course continues to encourage student confidence and retention of language learning. Students will become more proficient in communicative and grammatical skills. The subjunctive mood is introduced.

614 HN Spanish 2 - Level 1
Sophomores, Juniors, Seniors
Prerequisite: Mid-term and final exams "A/B"
Semester average "A/B" Teacher Recommendation
6 Periods per cycle
Credit: 1.0

The course content will involve additional grammatical and cultural material as well as advanced conversation. The pace of the course will be rapid and challenging to suit a student with a language bent. Students are encouraged and actually expected to move into the third and fourth year of Spanish.

615 AC Spanish 3 - Level 2
Sophomores, Juniors, Seniors
Teacher Approval
6 Periods per cycle
Credit: 1.0

AC Spanish 3 is a continuation of AC Spanish 2. The text *Galeria de Arte y Vida* includes a rich collection of themes, such as humor, heroism, sentiment, death, and whims of fate of several modern authors of Spain and Spanish-America. The students will fine tune their speaking, writing, and reading skills, and gain an even greater appreciation of Hispanic cultures.

616 HN Spanish 3 - Level 1
Sophomores, Juniors, Seniors
Teacher Approval-Prerequisite: Spanish 2
6 Periods per cycle
Credit: 1.0

Honors Spanish 3 is a continuation of AC or HN Spanish 2 for those students who have a particularly strong bent for Spanish. The text of this accelerated course, *Galeria de Arte y Vida* is comprised of selections representing many literary genres. Short stories, excerpts from novels and plays, and articles from newspapers and magazines offer students an opportunity to increase their ability to read with understanding, gain greater insight into the structure of the Spanish language, appreciate contemporary Spanish writings, and lay the foundation for discussion of style and literary analysis.

617 Honors Spanish 4 - Level 1
Seniors
Teacher Approval-Prerequisite: Spanish 3
6 Periods per cycle
Credit: 1.0

This course is an advanced program consisting of grammar review and vocabulary introduced in AC or HN Spanish 2 and 3, coupled with new concepts. The text contains reading selections that involve social, economic, and historical issues. Students will be stimulated to apply these topics to their own experiences and to form opinions and express them in Spanish. At times, specific projects are suggested for oral and/or written presentations in class, allowing the student to become more involved in the topic. College credit through the College in High School Program is an option. The Advanced Placement Exam is optional.

618 Honors Spanish 5 – Level 1
Seniors
Teacher Approval-Prerequisite: Honors Spanish 4
6 Periods per cycle
Credit: 1.0

This course is for students who placed out of AC Spanish 1 as freshmen. It follows the same program of studies as the Honors Spanish 4.

621 AC Latin 1 – Level 2
Freshmen, Sophomores, Juniors, Seniors
Teacher Approval
6 Periods per cycle
Credit: 1.0

Beginning Latin 1 is an introductory course in the pronunciation, vocabulary and basic grammatical structures of the Latin language. Students will begin to develop a competence in reading the language through Latin stories illustrating the Roman way of life. Students will also gain competence in speaking the language through basic conversational Latin. Students will appreciate the influence the Latin language and culture have on the modern world and may be surprised to learn how much Latin they already know.

622 AC Latin 2 – Level 2
Freshmen, Sophomores, Juniors, Seniors
Teacher Approval-Prerequisite: Latin 1
6 Periods per cycle
Credit: 1.0

Students will continue to enlarge their storehouse of vocabulary and grammatical structures and to improve their reading skills. Through close reading and analysis of selections from Latin prose students will develop a sense for Latin word order and sentence structure and for characteristic forms of thought and expression. Students will also learn Roman family life, social structure, food, housing, the calendar, the army, entertainment, sports, government, and Roman and medieval literature.

623 HN Latin 3 – Level 1
Sophomores, Juniors, Seniors
Teacher Approval-Prerequisite: Latin 2
6 Periods per cycle
Credit: 1.0

This course is an introduction to reading Latin prose. Students will read easy stories in Roman mythology and history, Julius Caesar, Cicero, other Roman and medieval authors, as well as modern works translated into Latin. At the same time students will continue to build their Latin vocabulary and increase their knowledge of the structures of the Latin language. Students will learn the influence of the Latin language within law, medicine, the Church, zoology, botany, mottoes, sayings, and quotes.

624 HN Latin 4 – Level 1
Juniors, Seniors
Teacher Approval-Prerequisite: Latin 3
6 Periods per cycle
Credit: 1.0

This course introduces students to Latin epic. The primary text for this class is Virgil's *Aeneid* from the time of Augustan Rome. The story tells of Aeneas's wanderings from Troy, his many adventures in the waters and lands of the Mediterranean, his struggles and his loves, through to his arrival in Italy and the founding of his city in Latium. Students will also read selections from Ovid's *Metamorphoses* (mythological tales of transformations, often based on relations between gods and mortals) and Lucan's *Pharsalia* (treating the Roman civil war between Caesar and Pompey). Students will translate, scan, and discuss the epic poems in class.

625 HN Latin 5 – Level 1
Juniors, Seniors
Teacher Approval-Prerequisite: Latin 3 or 4
6 Periods per cycle
Credit: 1.0

This course is a survey of the riches of late antique and medieval Latin literature from the 4th century to the 12th. Readings will consist of both prose and poetry. There will be some attention paid to the linguistic differences between medieval Latin authors and their classical predecessors. Emphasis will be on improving the student's grasp of Latin. Attention will also be paid to historical, cultural and literary aspects and contexts of the authors.

HEALTH/PHYSICAL EDUCATION

711 Health/Physical Education - Level 2
Freshmen-Required-Graded
2 Periods per cycle
Credit: 0.33

A full year, co-ed course, is offered to the Freshmen. The Health component deals with the well-being of the total person. It emphasizes concepts as they relate to social, emotional, mental and physical aspects of the person. Some of the topics covered include mental health; growing toward maturity; understanding sexuality; sound food habits; oral hygiene; and the preventing of alcohol, tobacco, and drug abuse. The health program adheres to the guidelines for health education as prescribed by the Diocese of Pittsburgh. The Physical Education component is offered several times during the year. Participants receive systematic and sequential development of physical conditioning skills as well as cardio-vascular training. A wide range of group activities is offered.

721 Physical Education - Level 2
731 Sophomores-Required-Graded
2 Periods per cycle
Credit: 0.33

This is a full year class with emphasis on developing a Lifetime Fitness Program. Students will participate in many individual and team activities such as touch football, soccer, basketball, volleyball, street hockey and softball and aerobic dance. The Fitness Center is used to develop cardiovascular conditioning, strength training and flexibility. Dance, Dance, Revolution along with the Wii Fitness Plus Program are used. The sophomores and seniors are certified/recertified in CPR during the fourth quarter.

750 Independent Physical Education -Level 2
Freshmen, Sophomores, Juniors, Seniors - Graded
2 Periods per cycle
Credit: 0.33

Students must pre-register for this course. Students are to write reports on topics pertaining to physical education and athletics. Verification of outside physical activity may be required. This course is required for all students who are not scheduled for a class in physical education.

BUSINESS & INFORMATION TECHNOLOGY

812 Computer Literacy I (IC³) - Level 2
Freshmen Required
2 Periods per cycle
Credit: 0.33

Computer Literacy I (IC³) is a full-year course required of all freshmen. The course will focus on helping students develop proficiency in word processing (Microsoft Word), spreadsheet (Microsoft Excel), and presentation (Microsoft PowerPoint) software application packages. In addition, this course will also provide the student with the skills and competencies needed to pass the Key Applications exam which is one of three exams required to earn the Internet and Computing Core Certification (IC³). The Internet and Computing Core Certification (IC³) program is the world's first validated, standards-based training and certification program for basic computer and Internet knowledge and skills. At the conclusion of the course, students will be provided with the opportunity to take the Key Applications (Module B) exam (approximate cost of the exam is approximately \$30). Seton-LaSalle Catholic High School is an authorized testing center for the IC³. Students interested in completing the requirements for the IC³ certification should consider the Computer Literacy II course which covers Modules A (Computing Fundamentals) and C (Living Online).

817 Computer Literacy II (IC³) - Level 2
818 Sophomores, Juniors, Seniors
Prerequisite: Computer Literacy I (815)
6 Periods per cycle
Credit: 0.50

Computer Literacy II (IC³) will build upon the skills and competencies acquired in the freshman level course Computer Literacy I (812). The students will complete module A (Computing Fundamentals) and module C (Living Online) of the IC³ curriculum which emphasizes knowledge of computer hardware, software, networking, Internet, and email. Successful completion of the IC³ program (Modules A, B, and C) ensures that students have the essential skills required for the basic use of computer hardware, software, networks, and the Internet. This prepares the student not only for future employment in a highly technological society but also provides them with the skills and computing knowledge needed for higher education. Upon completion of each module, students will be given the opportunity to take the corresponding exam (approximate cost of each exam is approximately \$30). Students who take and pass all three exams (A, B, & C) will earn the IC³ certification. Seton-LaSalle Catholic High School is an authorized testing center for the IC³.

813 Microsoft Office Applications - Level 2
814 Sophomores, Juniors, Seniors
Teacher Approval
6 Periods per cycle
Credit: 0.5

Microsoft Office Applications is designed to familiarize students with the features of the Microsoft Office suite of productivity applications Word, PowerPoint, and Excel. This course will also help to prepare students for the competencies necessary to successfully complete the on-line Microsoft Office Specialist (MOS) Certification Exam in Microsoft Word and Excel (at the Proficiency level) and Microsoft PowerPoint (at the Expert level). The Microsoft Office Specialist (MOS) program is globally recognized as the standard for demonstrating desktop skills with the Microsoft Office suite of business productivity applications (Microsoft Word, Microsoft Excel, Microsoft PowerPoint, and Microsoft Access). Seton LaSalle Catholic High School is an authorized testing center for the MOS (Microsoft Office Specialist) certification.

821 Desktop Publishing - Level 2
822 Sophomores, Juniors & Seniors
Teacher Approval
6 Periods per cycle
Credit: 0.5

This course will introduce students to the concepts, terminology, techniques, and applications of desktop publishing. The students will integrate word processing and graphics to facilitate the design of printed pages and manipulate text and graphics to produce professional looking publications. Emphasis will be on the efficient use of a page layout software package (Microsoft Publisher) to create, design, and print publications. Upon completion of the course, students will be able to prepare publications (such as fliers, posters, certificates, brochures, catalogues, newsletters, newspapers, and reports) given design specifications.

823 Web Design – Level 2
824 Sophomores, Juniors, Seniors
Teacher Approval
6 Periods per cycle
Credit 0.5

Web Design will introduce students to web page planning, creation, and maintenance. The course will begin with the fundamentals of web page design and HTML (hypertext markup language) basics and then progress to more advanced topics. Students will receive instruction in the use of web page design software and how to maintain a website with information updates and digital imagery inserts.

828 AC Computer Technology – Level 2
838 Juniors & Seniors - Teacher Approval
Prerequisite: C or better in Digital Arts – Print Media and/or Digital Arts – Video Media
Credit 0.5

The course will concentrate on the maintenance of a network infrastructure taking the following into account: needs of the organization, needs of the individual user, cost of implementation, and best practices. Students enrolled in this course will perform duties and tasks as assigned by the Director of Technology which may include (but are not limited to): general PC repair and maintenance of school networked computers, troubleshooting and diagnosis of technical issues throughout the school, provide assistance to faculty with the setup and operation of classroom technology, and hardware and software installation/configuration. Students are accepted into this class by permission of the Director of Technology only. Class size is limited. Students must be able to work well independently with a wide variety of resources and should possess some previous experience in the repair and maintenance of computers or technology in general. Students must also have previously taken or be currently enrolled in either Digital Arts – Print Media or Digital Arts – Video Media in order to register for this course.

NOTE: Additional computer classes are offered in the Fine Arts and Music departments utilizing the technology at hand for program-directed study as it applies to those departments.

830 Business Management - Level 2
Juniors & Seniors-Teacher Approval
6 Periods per Cycle
Credit: 1.0

This is a general study of business management skills within our economic system, as they affect both business and consumers. Areas of study are forms of businesses, business communications, business taxes, purchasing, sales and marketing products, money management, investments, banking, credit, careers, resume writing, and job interviews. The purpose of this course is to develop business management skills, consumer knowledge, and career awareness.

835 Accounting I - Level 2
Juniors & Seniors
Prerequisite: 2.0 QPA
6 Periods per cycle
Credit: 1.0

Accounting 1 covers the basic principles, concepts, and procedures of accounting. The complete accounting cycle is taught for a sole proprietorship and a partnership, including, banking, payroll, bad debts collections, depreciation, accounts receivable, accounts payable, and financial statements. During the course, a business simulation project is done by keeping a set of books for a fictitious company.

837 Business Law - Level 2
Juniors & Seniors
Prerequisite: 10.0 Reading Level
Credit: 1.0

Business Law is the study of legal principles as it relates to business/consumer transactions. Special emphasis is placed on contract law, property law, employment and agency law, and negligence. The course is of use to the everyday consumer and is of particular importance for the student preparing for post-secondary study in accounting, management, and business.

845 Accounting 2 - Level 2
Seniors
6 Periods per cycle
Credit: 1.0

The Accounting 2 course continues to develop the principles learned in Accounting 1 through the study of Partnerships and Corporations. Extensive end-of-year accounting and financial statements will be emphasized. In addition, alternative accounting systems, various tax returns (individual and business) are presented. Applications of these principles will be done through textbook problems and a corporate practice simulation set.

FINE ARTS

900 Concert Band-Level 2
6 Periods per cycle
Credit: 1.0

The course gives the instrumentalist an organized environment in which to use and develop his/her musical skills. Students will learn proper ensemble techniques while being exposed to a cross-section of musical works and styles. Performances outside of school time are required. The approval of the instructor is required. This is the "non-marching" band option.

901 Freshmen Concert Band-Level 2
4 Periods per cycle
Credit: 1.0

The course gives the instrumentalist an organized environment in which to use and develop his/her musical skills. Students will learn proper ensemble techniques while being exposed to a cross-section of musical works and styles. Performances outside of school time are required. The approval of the instructor is required. This is the Anon-marching band option.

903 Music Appreciation - Level 2
904 Freshmen, Sophomores, Juniors, Seniors
6 Periods per cycle
Credit: 0.5

This course is designed to give students a greater appreciation of music by familiarizing them with rhythm, melody, harmony, color, form, notation, texture, and style. The course will include an historic survey covering the major periods, trends, composers and compositions with an equal emphasis on listening.

909 HN Freshmen Concert Band/Marching Band
Level 1
4 Periods per cycle
Credit: 1.0

This course gives the instrumentalist an organized environment in which to use and develop his/her musical skills. Students will learn and execute marching drills to be performed at the school football games and parades. After the football season, concert band and staging are emphasized. Students learn proper ensemble techniques while being exposed to a cross section of musical works and styles. Some after school rehearsals and a two-week band camp are required. A higher weight is given to this class due to the number of out of school hours required for the class. This is a performance-oriented class and attendance at all practices and performances is mandatory.

910 HN Concert Band/Marching Band
Level 1
6 Periods per cycle
Credit: 1.0

This course gives the instrumentalist an organized environment in which to use and develop his/her musical skills. Students will learn and execute marching drills to be performed at the school football games and parades. After the football season, concert band and staging are emphasized. Students learn proper ensemble techniques while being exposed to a cross section of musical works and styles. Some after school rehearsals and a two-week band camp are required. A higher weight is given to this class due to the number of out of school hours required for the class. This is a performance-oriented class and attendance at all practices and performances is mandatory.

- 905 Mixed Chorus - Level 2**
906 Freshmen, Sophomores, Juniors, Seniors
6 Periods per cycle
Credit: 0.5
- Mixed Chorus is designed for the student who enjoys singing with others. Students learn proper vocal technique, phrasing, breath control and diction. Skills in singing intervals, harmony and sight singing will be developed. Students will be exposed to various styles of vocal music. These skills will be demonstrated at performances throughout the year. A basic ability to match pitch is needed for this class. Teacher approval by audition is required.
- 911 Ceramics 1 - Level 2**
Sophomores, Juniors, Seniors
6 periods per cycle (1st Semester only)
Credit: 0.5
- This course will introduce the student to the basics of ceramic construction, using hand-building techniques. Methods will include coil, pinch and slab construction and glazing techniques. Opportunity will be provided to students to explore some sculpture. The course may also include beginning lessons in macramé & weaving.
- 912 Ceramics 2 - Level 2**
Prerequisite: Ceramics 1
Juniors, Seniors
6 periods per cycle (1st Semester only)
Credit: 0.5
- This course builds developmentally upon the introductory level techniques taught in the pre-requisite course, Ceramics 1. Ceramic pieces created will be larger and more in depth and students are encouraged to work more independently. More technically challenging pieces will be required.
- 913 Calligraphy - Level 2**
Sophomores, Juniors, Seniors
6 periods per cycle (2nd Semester only)
Credit: 0.5
- Calligraphy is the art of beautiful hand lettering and handwriting. In this course students will learn basic methods of calligraphy, using lettering tools and equipment.
- 914 Design - Level 2**
Sophomores, Juniors, Seniors
6 periods per cycle (2nd Semester only)
Credit: 0.5
- This course will acquaint students with the elements of design and the proper use of two-dimensional media. Students will learn to organize line, shape, color, texture and space to develop beautiful design projects. The second part of the course will focus on developing basic drawing skills, including perspective, life drawing and shading. Students will foster their creativity while experimenting with art materials.
- 915 Painting & Color - Level 2**
Sophomores, Juniors, Seniors
6 periods per cycle (2nd Semester only)
Credit: 0.5
- This course will enable students to learn how to mix colors, organize color schemes, and use several painting techniques. Students will learn realistic and abstract painting. Materials included are watercolor, tempera and acrylic paint.
- 916 Fiber Arts - Level 2**
Sophomores, Juniors, Seniors
6 periods per cycle (2nd Semester only)
Credit: 0.5
- The course will include beginning lessons in weaving, macramé, sewing, stitchery, fabric dyeing & painting. Opportunity will be provided for other textile arts, such as coiling, latching, beadwork, fiber sculpture and quilt making.
- 917 Drawing – Level 2**
Sophomores, Juniors, Seniors
6 periods per cycle (1st Semester only)
Credit: 0.5
- This course will enable students to draw from the very beginning in order to acquire the skills needed to draw realistically. Techniques covered include, architectural perspective, contour, shading, fales, and figures.
- 919 Crafts 1 - Level 2**
Sophomores, Juniors, Seniors
6 periods per cycle (1st Semester only)
Credit: 0.5
- This course offers an introduction to basic craft techniques, including leather tooling, pottery, papermaking, printmaking, mosaic, aluminum tooling, and papier-mâché. The course is designed for personal enrichment or in preparation for a career in crafts, occupational therapy, art therapy or elementary or secondary education.
- 921 Art 1 - Level 2**
Sophomores, Juniors, Seniors
Teacher Approval
6 periods per cycle
Credit: 1
- This is a course for the serious art student who wishes to study many areas of art for personal enrichment or in preparation for a career in art. Emphasis is on drawing and painting and some introduction to 2-D and 3-D design. The student will learn proper use of many art materials and techniques.
- 922 Art 2 - Level 2**
Sophomores, Juniors, Seniors
Teacher Approval
6 periods per cycle
Credit: 1
- This is an advanced course in art for those students who already have the basic skills. The course includes printmaking, sculpture, advanced drawing, advanced design, and painting. The projects are more in-depth, and students are encouraged to work more independently.
- 923 Art 3, 4 - Level 2**
Teacher Approval
Juniors & Seniors
6 periods per cycle
Credit: 1
- This is a very advanced course in art for highly motivated students who have had successful experiences in previous art courses, and who are willing to devote considerable time to the study of art and the development of higher level skills. Students will develop a portfolio of work, including a range of works. Techniques learned in Art 1 & Art 2 will combine for a more personal expression. Students will be required to refine a more individual style of artistic statement. Student will be required to keep a sketchbook, and outside-of-class work will be necessary.

924 Digital Arts / Print Media – Level 2
925 Teacher Approval
Juniors and Seniors
6 periods per cycle
Credit: 0.5

In this course, students will learn how to use digital arts technology to produce creative projects. Course topics include the use of appropriate hardware (cameras, scanners, etc.) and software (Adobe Photoshop) and the application of each. Digital Arts includes, but is not limited to, advertising, and creative imagery.

926 Digital Arts / Video Media – Level 2
Teacher Approval - Prerequisite: Digital Arts / Print Media
Juniors and Seniors
6 periods per cycle
Credit: 0.5

In this course, students will receive an overview of the iMac System X operating system and the iLife/iWork suite of programs. There will be a concentration on iMovie and Final Cut Express. Topics include appropriate hardware (cameras, scanners, lighting, green screen, etc.).

928 Animation & Graphic Design
Sophomores, Juniors & Seniors
Teacher Approval
6 Periods per cycle
Credit: 1

This course introduces the students to the artistic and technical elements associated with creating three-dimensional computer-generated imagery using the latest three-dimensional animation software. Topics include shape, composition, shading, and the development of processes involved in producing 3D computer animation and related gaming technologies.

929 Crafts 2 - Level 2
Prerequisite: Crafts 1
Juniors, Seniors
6 periods per cycle (1st Semester only)
Credit: 0.5

Crafts 2 is for students who have already acquired the basic skills in crafts and wish to work in one or several areas of their choice in order to complete more intense projects.

930 Exploring Music Technology
931 Juniors & Seniors
4 Periods per cycle
Credit: 0.5

In this course, students begin with an overview of the iMac System X operating system and the iLife/iWork suite of programs. This course takes a hands-on approach to learning MIDI, mixers, multi-track recording, sequencers, synthesizers, analog, digital, music on the internet, music sync to video, and live sound reinforcement. Students will create songs and compositions.

933 Music Lessons - Level 2
934 Freshmen, Sophomores, Juniors, Seniors
6 Periods per cycle
Credit: 0.5

This course is designed for any student interested in playing a musical instrument. Experience is not necessary. If you have played before, you can improve your technique. The student will learn proper instrumental techniques, such as breath control, phrasing and reading basic musical notation. Instruments to choose from are flute, sax, clarinet, trumpet, trombone, drums, and electronic keyboard. The student is responsible for providing his/her own instrument. See the band director for more information. Students may retake this course with instructor's approval.

935 AP Art History
Juniors and Seniors
6 Periods per cycle
Credit: 1.0

This course does require significant commitment to academic research and study, characteristic of a college level course. In this course, students are introduced to the basic principles of aesthetic theory, the elements of art, major movements and styles in the history of art, and technical processes and media considerations that have been fundamental to the production of art in its various forms. There is an emphasis on an understanding of art in context, dealing with such issues as patronage, politics, censorship, religion, gender, ethnicity and audience. The AP Art History Exam is required at the end of the year and students will be awarded college credit if their score is accepted by their chosen college.

951 Theatre I
Freshmen and Sophomores
1 period per day
Credit: 1.0 plus Phys. Ed.

Released time for performing arts at Seton Center, accredited colleges or production companies is available during the school day. One or two credits plus Physical Education credit may be earned. Administrative approval is required in order to participate in this program.

952 Theatre II
Sophomores, Juniors & Seniors
2 periods per day
Credit 2.0 plus Phys. Ed.

This course is a continuation of released time for the performing arts at Seton Center, accredited colleges or production companies. One or two credits plus Physical Education may be earned. Administrative approval is required in order to participate in this program.

VOCATIONAL-TECHNICAL EDUCATION

938 Vocational & Technical Course

These courses are available to any Junior or Senior as a **3 CREDIT ELECTIVE**. The courses are trade and/or technical programs designed to give a specific training to a student who will seek employment after graduation from high school. The courses are not taught at Seton-La Salle but are taught at area public schools or Vo-Tech schools. In addition to the CORE curriculum, students are required to travel each day to the area Vo-Tech school that serves their home school district.

GRADING SYSTEM

GRADE	LEVEL 1 HONORS	LEVEL 2 ACADEMIC	LEVEL 3 GENERAL
A - (93-100)	5.0	4.0	3.0
B - (85-92)	4.0	3.0	2.0
C - (75-84)	3.0	2.0	1.0
D - (70-74)	1.0	1.0	0.5
F - (Below 69)	0.0	0.0	0.0

Grades are calculated according to the level of the course the student is taking. Grades are weighted i.e., the value of the letter grade changes in Level 1 (Honors); Level 2, (Academic); and Level 3, (General) courses.

The teachers assign a letter grade A, B, C, D, F, according to their grading system. The grades indicate the teachers rating based on the student's progress in the course. Only **FINAL GRADES** are listed on the transcript.

GRADUATION REQUIREMENTS

RELIGION	4.0 CREDITS
ENGLISH	4.0 CREDITS
SOCIAL STUDIES	4.0 CREDITS
MATHEMATICS	3.0 CREDITS
SCIENCE	3.0 CREDITS
WORLD LANGUAGES	2.0 CREDITS
HEALTH/PHYS ED	1.33 CREDIT
FINE ARTS	1.0 CREDIT
ELECTIVES	3.0 CREDITS
TOTAL	25.33 CREDITS

Minimum of 6.33 credits per academic year are required. Additional credits are subject to teacher approval and availability of classroom space. Once scheduled, additional credits (like all credits) will require summer school if the final grade earned is an "F".