The La Salle College High School
Program of Study

Academic Year 2005-2006
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LA SALLE COLLEGE HIGH SCHOOL
MISSION STATEMENT

La Salle College High School is a private, independent Catholic college preparatory school for young men of varied backgrounds and abilities. La Salle is dedicated to providing a challenging and nurturing environment for learning, inspired by Saint John Baptist De La Salle, and carried out by a devoted and skilled community of the Brothers of the Christian Schools and lay educators. In the tradition of the Christian Brothers, La Salle empowers each individual student to accept responsibility and achieve his fullest potential. La Salle is committed to Christian values, academic excellence, spiritual fulfillment, cultural enrichment, and physical development. The Lasallian experience prepares young men who are dedicated to leadership, achievement, and service in building a society that is at once more human, more Christ-like, and more just.

LA SALLE COLLEGE HIGH SCHOOL
STATEMENT OF PHILOSOPHY

La Salle College High School, founded on the religious Tradition of Roman Catholic Christianity, in the spirit of the educational vision of St. John Baptist de La Salle, founder of the Christian Brothers, provides a quality education in an atmosphere which incorporates Gospel values. La Salle endeavors to create a community in which students, parents, faculty, staff, and administrators may share their beliefs, experiences, and values. Such a community attends most carefully to those school activities which proclaim Christ’s message of Salvation and provide opportunities to practice that message.

In order to accomplish this we strive

• to provide an intellectually sound formation in the Catholic faith and an open response to the Gospel message;
• to establish in the school the atmosphere of a Christian community wherein the shared experiences of its members nourish a living faith and help them give witness to that faith;
• to develop a sense of active Christian concern and moral sensitivity among our students, especially for the promotion of social justice and service to the poor.

La Salle College High School is dedicated to the intellectual development of its students through a challenging academic program, focusing on preparation for college. The educational policies of La Salle center on young people, adapt to the times in which these youth live, and prepare them to take their place in society. It is essential that our curriculum be designed to foster a strong academic environment. In this way, the students live up to their abilities and adapt successfully to the demanding college programs into which such a high percentage of our graduates are accepted.

In order to accomplish this we strive

• to maintain an atmosphere conducive to learning and intellectual challenge;
• to offer a challenging academic curriculum of high quality for a broad range of college-bound students;
• to instill in our students the conviction that they have the ultimate responsibility for their own education;
• to encourage high academic expectations of our faculty, and to continue to promote their professional development.

The driving force of La Salle’s philosophy is a conscientious faculty and staff, comprising Christian Brothers, lay men and women, and priests enjoying their association with the students. They realize that their trust, acceptance, and affirmation of the student powerfully influence the healthy growth of the young men they teach. The faculty and staff further seek to foster this same sense of trust and acceptance in the students, especially as they relate to one another. Through their example, faculty, staff, and students promote responsibility and encourage participation as fundamental to a sound understanding of a democratic society.

In order to accomplish this we strive

• to encourage an active concern and appreciation for the inherent value of all persons at La Salle and in the broader society;
• to provide an activities program which responds to the wide range of student interests, and which offers opportunities for leadership, service, and a wholesome use of leisure time;
• to help students develop a responsibility for their psychological, social, and physical well-being.

In conclusion, we affirm that our educational mission at La Salle is three-fold: to nurture the spiritual formation of our students, to foster their academic preparation, and to cultivate their personal growth which will result in a truly educated person. We value the personal presence of each member of the La Salle community, and we see mirrored in this presence the Presence of God, in Whom we ultimately find our purpose and our strength.
THE PROGRAM OF STUDIES

An examination of this guide will reveal over 100 courses which, when studied in the approved sequence, will introduce the student to the foundations of our global Western Culture. This liberal arts program of studies best prepares the student to think critically, to grow both intellectually and spiritually, and to pursue particular interests.

Both the freshman and sophomore year are prescribed in order to provide a firm foundation in the sciences, the humanities, religion, and a variety of skill areas. Some degree of individualization of the academic program is made to accommodate differences in ability levels in mathematics, science, and foreign language. The firm foundation that is built during the first two years of study at the high school gives the student the basis for making choices about his academic program in the junior and senior years.

The student, with guidance from home and school, can elect a number of courses in addition to the required courses in the junior and senior years. This choice allows the student to pursue a program of studies that best addresses his abilities, interests, and future plans. The progression from a highly prescribed program of study to a program which allows for individual interests and natural curiosity gradually introduces the student to the need for planning, accurate self assessment, and responsibility.

NOTE: Students are urged to plan responsibly when developing their academic program for next year. Once the course selection process has been completed, roster changes will not be made except for sound educational reasons.

ALL COURSES LISTED MAY NOT BE OFFERED IN A PARTICULAR YEAR. SUBSCRIPTION AND PERSONNEL AVAILABILITY ARE FACTORS DETERMINING COURSE OFFERINGS.

FRESHMAN YEAR

RELIGION 1: CATHOLIC IDENTITY (one credit)

ENGLISH 1: INTRODUCTION TO LITERATURE AND COMPOSITION (one credit)

MATHEMATICS (one credit)
The student’s background is considered when placing him in math. Most freshmen will study Algebra 1. Some students will take Algebra 1 Honors. A few will take Algebra 2 or Algebra 2 Honors.

WORLD CIVILIZATIONS 1 (one credit)

WORLD LANGUAGES (one credit)
The student’s background is considered when placing him in a world language. Most freshmen will take the first level in French, German, Spanish or Italian. Some students take Reading and General Language Study. Some students move into the second level of a foreign language.

SCIENCE (one credit)
Background and entrance test scores are considered in science placement. Most freshmen take a basic course entitled “Integrated Science”. Some students study Biology.

COMPUTER APPLICATIONS ( 1/2 credit)

PHYSICAL EDUCATION/AQUATICS ( 1/2 credit)

HEALTH ( 1/2 credit)

NOTE: It may be necessary for a student who participates in the music or art program to defer physical education until sophomore year. Music or Art taken during Freshman year satisfies the Fine Arts requirement.
SOPHOMORE YEAR

RELIGION 2: SACRED SCRIPTURE (one credit)

ENGLISH 2: COMPOSITION AND THEMES IN LITERATURE (one credit)

MATHEMATICS (one credit)
The math course a sophomore studies depends on which course the student took and how well he did in his freshman year. For most, this will be a placement in Algebra 2.

WORLD CIVILIZATIONS 2 (one credit)

FOREIGN LANGUAGE (one credit)
This will be a continuation of the foreign language the student studied as a freshman.

SCIENCE (one credit)
This is either Biology or Chemistry 10 Honors.

PHYSICAL EDUCATION (1/2 credit)

ELECTIVES
Qualified sophomores may be eligible to elect 1/2 - 1 credit in Language, Art, or Computer Programming. Students may elect to fulfill their fine arts requirement for graduation by enrolling in a full year (1 credit) Art, Chorus, or Music course or the semester (1/2 credit) course in Fine Arts Survey, Theatre Performance, Creative Writing or Public Speaking.

JUNIOR YEAR

RELIGION 3: CHRISTIAN MORALITY (one credit)

ENGLISH 3: AMERICAN LITERATURE AND COMPOSITION (one credit)

MATHEMATICS (one credit)
Most students will study Geometry. Some will be enrolled in Algebra 2/Trigonometry Part 1, Math Analysis, Geometry/Precalculus, or Advanced Placement Calculus AB (first level).

UNITED STATES HISTORY (one credit)

WORLD LANGUAGES (one credit)
Students continue with the foreign language chosen in freshman year.

SCIENCE (one credit)
Three years of science will be required. Chemistry, Environmental Science, and Physics are possible choices.

PHYSICAL EDUCATION (1/2 credit) if necessary

ELECTIVES
Qualified juniors are eligible to elect 1/2 - 1 credit in designated courses. Students may elect to fulfill their fine arts requirement for graduation by enrolling in a full year (1 credit) Art, Chorus, or Music course or a semester (1/2 credit) course in Fine Arts Survey, Theatre Performance, Creative Writing or Public Speaking. Consult the Program of Studies course descriptions for other electives available to juniors.
SENIOR YEAR

RELIGION ELECTIVES (one credit)
Two courses are chosen from the following list: Christian Life Styles, Prayer, Lasallian Spirituality and Service, World Religions.

ENGLISH 4: WORLD LITERATURE AND EXPOSITORY WRITING (one credit)
Some students will be enrolled in A.P. English.

FOUR CREDITS IN ELECTIVE COURSES
At least two of these four credits must be chosen from among courses offered in mathematics, science, foreign language, or social studies (third level or above). Fine Arts Survey, Theatre Performance, Creative Writing or Public Speaking satisfy the Fine Arts requirement. With this stipulation in mind, the students select their credits from the following list of elective courses:

- Algebra 2/Trigonometry Part 2
- Math Analysis
- Trigonometry (1/2 credit)
- Math Applications (1/2 credit)
- Advanced Placement Statistics
- Introductory Calculus
- Advanced Placement Calculus AB
- Advanced Placement Calculus BC
- C++ Programming
- Visual Basic Programming (1/2 credit)
- JAVA Programming (1/2 credit)
- Visual C++ MFC Programming (1/2 credit)
- Internet Applications and Web Design (1/2 credit)
- Computer Aided Design (CAD) (1/2 credit)
- Advanced Computer Aided Design (CAD) (1/2 credit)
- Advanced Computer Science (1/2 credit)
- Network Management
- Windows Server 2003 (1/2 credit)
- Windows Server 2003 Active Directory Services (1/2 credit)
- Advanced Placement English Language and Literature
- Creative Writing 1 (1/2 credit)
- Creative Writing 2 (1/2 credit)
- Shakespeare (1/2 credit)
- Public Speaking
- Spanish 4, 5
- Advanced Placement Spanish
- French 4 Honors, 5
- Advanced Placement French
- German 4, 5
- Advanced Placement German
- Greek 1
- Italian 4
- Italian 4 Honors
- Latin 1, 2, 3
- Astronomy (1/2 credit)
- Advanced Placement Chemistry
- General Chemistry
- Physics
- Physics Honors
- General Physics
- Advanced Placement Physics
- Anatomy and Physiology Honors
- Advanced Placement Biology
Environmental Science
Advanced Placement Environmental Science
Economics 1 (1/2 credit)
Advanced Placement Economics
Political Science (1/2 credit)
Advanced Placement Modern European History
Advanced Placement American Government and Politics
Introduction to Psychology (1/2 credit)
Vietnam (1/2 credit)
Athletic Training (1/2 credit)

MUSIC COURSES
Intermediate Music Performance (Stage Band)
Instrumental Instruction (1/2 credit)
Advanced Music Studies (1/2 credit)
Small Ensembles
Jazz Arranging & Improvising
Advanced Music Performance (Stage Band)
Honors Advanced Music
Chorus
Advanced Chorus
In addition, there are special music offerings possible through arrangements with the Music Department.

VISUAL ARTS COURSES
Drawing 1, 2 (1/2 credit)
Painting 1, 2
Ceramics 1, 2 (1/2 credit)
Sculpture 1, 2 (1/2 credit)
Art Portfolio
Theatre Performance (1/2 credit)
Fine Arts Survey (1/2 credit)

NOTE: A SENIOR MUST CARRY SIX CREDITS
ACADEMIC INFORMATION

ACADEMIC PRIORITY:
It is a policy of La Salle to stress that a student’s first responsibility is to his academic career at La Salle. No student will be excused from school because of employment or vacations that are not on the school calendar. It is important for both parents and students to give studies a priority by adhering to the school calendar.

COURSE SELECTION PROCESS:
The Program of Studies booklet is published in February. During the month of March, students consult with guidance counselors, appropriate faculty members, and parents, in order to develop a sound academic program for the coming year. In late March, a date is set aside to complete the registration process.

ADVANCED PLACEMENT COURSES:
The Advanced Placement Program has been developed by the College Board to provide high school students with a selection of college level courses for which they may gain advanced placement or credit in college. These courses are special, college level learning experiences that are offered over an academic year. They are challenging, stimulating, and compared to other high school courses, take more time, require more work, and provide a greater depth of study in the subject area. Each department will carefully screen those students who wish to select an Advanced Placement (AP) course. Students who enroll in an AP course are expected to take the AP examination which is administered in May of each year. AP courses carry an extra quality point in the GPA calculation in recognition of college level work.

ELECTIVE COURSES:
A) Sophomore and Junior years: Sophomores and juniors are required to carry 6 1/2 credits. They may carry 1/2 or 1 credit above this minimum if they are eligible. The program of study at La Salle College High School is a demanding one. Those students who have a cumulative GPA of 2.5 or over may elect more than 6 1/2 credits. Students who decide to elect extra courses should be aware that this is a further demand on their time and energy both in school and at home. Students with a GPA below 2.5 need approval from the Principal or Assistant Principal in order to elect an extra course.

B) Seniors: Those seniors who wish to elect courses totaling more than 6 credits must obtain the permission of the Assistant Principal if their GPA is below 2.5.

DROP/ADD COURSES:
The course selection process requires care, consultation, and commitment on the part of the student, his parents, and the school. Students are strongly encouraged to seek the advice of their counselors and teachers before registering for the various courses. After parental approval, courses will be dropped from the student’s schedule only for serious educational reasons. As a general rule, what you elect in March is what you will take in September. Except in extraordinary circumstances, no one may drop or add a course after the first cycle in September.

REPORT CARDS:
Report cards are given at the end of each quarter. In addition, letter grades are given for each semester. In June, a final letter grade is given which is an evaluation of the student’s work in the entire course. In semester courses, the semester mark is the final grade. The numerical breakdown of the letter grades is available in the Counseling and Academic Affairs Offices. Only final grades appear on the student’s transcript.
GRADING POLICY:

La Salle College High School uses the following letter grading system with numerical equivalents:

- **A** = 93–100
- **B+** = 90 – 92
- **B** = 85– 89
- **C+** = 83 – 84
- **C** = 77– 82
- **D+** = 75 – 76
- **D** = 70– 74
- **F** = 0– 69

GRADE POINT AVERAGE:

The grade point average is calculated by dividing the total number of mark points by the number of credits earned to date. *Only final and cumulative GPA’s appear on the transcript.*

<table>
<thead>
<tr>
<th>Weighted Numerical Value</th>
<th>Mark Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full credit course:</td>
<td>1 credit</td>
</tr>
<tr>
<td>Half credit course:</td>
<td>0.5 credit</td>
</tr>
<tr>
<td>Regular courses:</td>
<td>A = 4, G.P.A. (cont’d)</td>
</tr>
<tr>
<td>Advanced Placement Courses:</td>
<td>A = 5, G.P.A. (cont’d)</td>
</tr>
<tr>
<td>Honors Courses:</td>
<td>A = 4.5 (cont’d)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Numerical Val.</th>
<th>Grade</th>
<th>GP</th>
<th>Product: NV x MP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Religion II</td>
<td>1</td>
<td>B</td>
<td>3</td>
<td>3.0</td>
</tr>
<tr>
<td>English</td>
<td>1</td>
<td>A</td>
<td>4</td>
<td>4.0</td>
</tr>
<tr>
<td>Economics</td>
<td>0.5</td>
<td>A</td>
<td>4</td>
<td>2.0</td>
</tr>
<tr>
<td>A.P. Calculus</td>
<td>1</td>
<td>A</td>
<td>5</td>
<td>5.0</td>
</tr>
<tr>
<td>Programming II</td>
<td>0.5</td>
<td>C</td>
<td>2</td>
<td>1.0</td>
</tr>
<tr>
<td>Physics</td>
<td>1</td>
<td>B</td>
<td>3</td>
<td>3.0</td>
</tr>
<tr>
<td>Amer Hist II</td>
<td>1</td>
<td>C</td>
<td>2</td>
<td>2.0</td>
</tr>
<tr>
<td>Gym (P.E.)</td>
<td>0.5</td>
<td>A</td>
<td>4</td>
<td>2.0</td>
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<tr>
<td></td>
<td><strong>6.5</strong></td>
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<td></td>
<td><strong>22.0</strong></td>
</tr>
</tbody>
</table>

Grade Point Average: \( \frac{22}{6.5} = 3.385 \)

ACADEMIC AWARDS:

Three types of honors are awarded:

1) **Academic Excellence Award**: This award is given at the end of the first semester to those who have achieved a 3.5 or better GPA with no grade below a “C”.

2) **Scholastic “L” Award**: This major academic award is traditionally presented at La Salle’s Awards Assembly to all students achieving a 3.5 or better GPA with no mark below a “C” based on final yearly grades.

3) **Second Honors**: This academic award is presented to all students achieving a 3.2 or better GPA with no mark below a “C” based on final yearly grades.

FAILURE POLICY:

A) **Seniors**: If a senior fails more than two full credits, he will not be permitted to receive a La Salle diploma under any circumstances. A failure in any course must be made up before a diploma will be granted. A senior who fails more than one credit may not be permitted to participate in Graduation exercises. In make up work, a student can improve his mark by one letter grade.
B) Underclassmen: An underclassman who receives failing grades in courses that total two or more credits will not be permitted to return to La Salle. If a student fails in courses that total less than two credits, the failures must be removed from the transcript in order to continue at La Salle. In make up work, a student can improve his mark by one letter grade.

PROBATION:

Those who fail two subjects at the semester are placed on Academic Probation. During this period, the student will be required to meet with his counselor and the Assistant Principal on a regular basis.

EXAM EXEMPTION POLICY:

A teacher has the option to exempt from final course examinations any senior who has earned an “A” in each of the course’s marking periods.

GRADUATION REQUIREMENTS:

La Salle requires 26.5 credits in order to graduate. In many cases, students elect to take additional credits where possible. Minimum requirements are as follows:
- Religion 4 credits
- Language 3 credits
- English 4 credits
- Physical Education 1 credit
- Mathematics 3 credits
- Health 1/2 credit
- Science 3 credits
- Computer Applications 1/2 credit
- Social Studies 3 credits
- Fine Arts 1/2 credit

*NOTE: Students are required to complete at least a half credit course in the fine arts. In addition to one credit art and music courses, this requirement can be met by taking any of the half credit courses in visual art or in Creative Writing, Public Speaking, Theatre Performance, or Fine Arts Survey.

NATIONAL HONOR SOCIETY:

The National Honor Society is composed of La Salle juniors and seniors who have distinguished themselves in the area of scholarship, leadership and service. Each fall, a ceremony is held to accept new members into the La Salle chapter of this national organization. The principal service performed by the National Honor Society members is tutoring students who are having difficulty with one or more of their subjects.
The Religion Department seeks to meet the religious needs of developing Roman Catholic adolescents. Teachers strive to become familiar with and respect the experiences of the students entrusted to their care. At the same time, the department has a responsibility to pass on the riches of the Christian faith in the Roman Catholic tradition. Within this tradition, there is a strong emphasis not only on the articulation of the essentials of faith but also on the communal liturgical celebration of faith, personal prayer, and living a moral life with special consideration toward the poor.

102 Catholic Identity – Freshman (required) – one credit/full year

This course provides the ninth grader with creative and analytical skills helpful for promoting success in subsequent religion courses at La Salle. This course presents Roman Catholic rituals, beliefs, and lifestyles in a manner which is informative and challenging. Through the use of Scripture, classroom activities, and reflection, the student will deepen his understanding of the following topics: faith, sacraments, prayer, the Bible, morality, saints, and church history. Contemporary challenges to Catholic identity such as consumerism and sexual permissiveness are also presented.

104 Sacred Scripture – Sophomore (required) – one credit/full year

The course is an examination of the contents of both the Hebrew and Christian Scriptures, the origins of the written word, and the forces at work in the world of the Israelites and early Christians. Students gain familiarity with important themes in the Bible such as creation, covenant, prophecy, sin and redemption. The course promotes a deeper understanding of Jesus through a study of his parables, miracles, and sayings in the New Testament. In addition, the course explores how current students at La Salle can discern and live biblical values.

106 Christian Morality – Junior (required) – one credit/full year

This course examines a number of topics that are integral to the rich Roman Catholic tradition of the moral life. Centered in the Gospel of Jesus Christ, the course explores such topics as law, sexuality, the commandments, honesty, freedom and responsibility, the act of conscience, the honor due to God, the nature of sin and reconciliation. The course presents a method for moral decision-making as it challenges students to examine and pattern their lives in the light of the Gospel.

114 Christian Life Styles – Senior (elective) – 1/2 credit/semester

This course examines various Christian lifestyles, attempting to meet the needs of older adolescents, as they approach the most important decisions of their lives, the choice of their vocation, their unique calling in life. The four lifestyles include single life, the priesthood, the religious life (such as the Christian Brothers), and Christian marriage. The student investigates the impact that these vocations have in the Roman Catholic Church and in society. The students study Pope Paul VI’s encyclical, Humanae Vitae, as well as the Catholic Church’s teachings on the sacramental dimension of marriage, interfaith marriages, annulments, and the preparations necessary for a Catholic wedding. Reflective papers on the various lifestyles and the preparation of a one-year budget, which focuses on the economic demands of single and married life, contribute a practical aspect to the course.

130 Prayer – Senior (elective) – 1/2 credit/semester

This course provides the students with a knowledge of the importance of formal, informal, and liturgical prayer in the Roman Catholic Christian community along with an understanding and realization of the importance of prayer in their own lives. The students are encouraged to see prayer as it is connected to the realization of their communion with themselves, God, and the Christian community.

150 World Religions – Senior (elective) – 1/2 credit/semester

Students study the world’s great religions, including Hinduism, Zen, Buddhism, Confucianism, Taoism, Shintoism, and Islam. Sacred works, rituals, and the prayer life of these different faiths, as expressed today and in the past, are studied. These major religions, as well as Roman Catholicism, are investigated in terms of their representations and interactions in a pluralistic American society. Course material, lectures, and presentations are consistent with the teaching of the Catholic Church, respecting the varieties of religious expression, while also advancing essential Catholic teaching and practice.
This course examines the relationship between Lasallian Spirituality and Service to the poor through education. Two aims of the course are: 1) understanding the practical spirituality of St. John Baptist de La Salle as being the presence and action of God in relationship to others; and 2) practicing this spirituality by fulfilling a course service requirement of fifteen hours in an educational ministry. Course work includes selected readings, on line research, reflective writing, and class presentations.
The Mathematics Department offers the following courses in order to fulfill four general goals: first, to inculcate in our students the realization that mathematics is a complete language and a unified way of thought, not a simple series of computational skills; second, to insure that each student will be able to handle the ordinary mathematical transactions of their everyday lives; third, to develop in our students skills in the uses of technology in order to pursue mathematical investigations; fourth, to provide adequate mathematical preparation for the next phase of each student’s education or career.

202 Algebra 1 – Freshman (required) – one credit/full year

This course provides a thorough foundation in elementary algebra by developing an understanding of the central ideas of variable and function, and the ability to use the language and tools of algebraic thinking to describe mathematical relations and analyze problems of many types.

204 Algebra 1Y – Freshman – one credit/full year

Algebra 1Y is a slower paced version of Algebra 1.

205 Algebra 1 Honors – Freshman – one credit/full year

This is an accelerated course in elementary algebra intended for students who have a high degree of ability and interest. The usual topics of algebra are treated with an emphasis on concepts and structure rather than on how to proceed. Most important is that this course introduces the student to abstract mathematical thought and also to solving non-routine problems. A lot of time is spent on supplementary problems taken from various contests which enhance a student’s perception and problem solving skills. By the end of the year, the students should reach a level of insight and mathematical instinct that will enable them to proceed comfortably through the upper level advanced courses. Student placement in Algebra 1 sections is based on the entrance exam and/or a placement test.

208 Algebra 2 – Sophomore – one credit/full year

This course continues the arithmetic generalizations begun in Algebra 1 and explores more deeply the operations that relate numbers to one another. The student is encouraged to think of algebra as a symbolic language and to use it as a modeling tool to explore other areas of mathematics. He gains an understanding of number systems by examining and using the operations for relating numbers. The use of calculators and computers in the modeling process is stressed.

213 Algebra 2 Honors – Sophomore – one credit/full year

This is an accelerated algebra course intended for students who have a high degree of ability and interest. The usual topics of Algebra 2 are treated, along with topics in Probability, Mathematical Modeling, Data Analysis and Matrix Theory. One of the goals of this course is to move students to a more independent learning style. There is emphasis on integrating skills and procedures with the logical thinking needed in solving the more challenging problem. The skills acquired during this course enable the student to advance to Geometry/Precalculus and Advanced Placement Calculus.

Prerequisite: Minimum B+ in Algebra 1 Honors; department approval.

215 Geometry Y – Recommended Sophomores – one credit/full year

This is a slower paced Geometry course offered to Sophomores who have had Algebra 1 or 1Y and are recommended for a four year math program ending with Trigonometry. Sophomores selected for this course will take Algebra 2/Trigonometry 1 in Junior year and Algebra 2/Trigonometry 2 in Senior year.

Prerequisite: Completion of Algebra 1 or Algebra 1Y only with teacher recommendation.
216 Geometry – Junior – one credit/full year

In this third year course in mathematics, students learn the tenets of Euclidean Geometry and apply these concepts to the solution of physical problems. Emphasis is placed on the development of inductive and deductive reasoning skills. Effective communication of topics is facilitated by correct use of the vocabulary and symbols of mathematics, as students interpret diagrams and describe their findings. Exploration of parallel lines and planes, circles, area and volume, and the congruence, similarity, symmetry, and transformation of plane and solid figures is the content core of the course. Students learn to recognize these features in both physical and artistic applications. Plane and solid figures are constructed through compass, straight-edge tools and computer simulations.

Prerequisite: Algebra 2

220 Geometry/Precalculus Honors – Sophomore/Junior – one credit/full year

This is a pre-calculus course which blends plane Euclidean geometry with an analysis of functions. It synthesizes numbers and number sets with properties of lines, circles, and other geometric figures. It discusses polynomial, rational, exponential, logarithmic, and trigonometric functions with emphasis on their geometric representations.

Prerequisite: Minimum B+ in Algebra 2 (Honors); department approval.

222 Algebra 2/Trigonometry Part 1 – Junior – one credit/full year

This course is a continuation of the core curriculum designed for those students who have difficulty in mathematics. This is a slower paced Algebra 2 course, beginning with the development of both linear and quadratic functions. Sets of real and complex numbers will be developed as well as systems of equations and matrices.

Prerequisite: Geometry Y

223 Algebra 2/Trigonometry Part 2 – Senior – one credit/full year

This is the second part of a two-year course which completes the concepts of Algebra 2, beginning with the study of the conic sections and continuing with a complete course in trigonometry. The six functions of angle measurements within the triangle, graphing the trig functions, properties of right and oblique triangles will be studied. This course will be introduced in the Fall of 2006 and will replace Trigonometry (224).

Prerequisite: Algebra 2/Trigonometry Part 1

224 Trigonometry – Senior (elective) – 1/2 credit/semester

This course is designed for those students who have had difficulty in mathematics. It is a slower paced class which includes the six functions of angle measurements within the triangle, graphing functions, and the properties of both right and oblique triangles. This course will be replaced by Algebra 2/Trigonometry Part 2 in the Fall of 2006.

Prerequisite: Department approval.

225X Math Analysis – Junior/Senior (elective) – one credit/full year

This is the traditional pre-calculus course for college bound students. After reviewing real and complex numbers and functions, this course deals with the trigonometric functions and their applications, polar coordinates and graphs, exponential and logarithmic functions. Among the topics covered in the second semester are: sequences, algebraic functions, vectors, matrices, and conic sections.

Prerequisite: Algebra 2, Geometry and department approval.
226 **Math Applications (Probability and Statistics Topics)** – Senior (elective) – 1/2 credit/semester

Math Applications is a course designed for seniors to demonstrate the uses of math in the everyday world. The course covers a variety of topics that utilize various math concepts, formulae and equations. Topics such as percentage ratio and proportion are presented as applications of statistics. These topics, plus applications of combinations, permutations and probabilities provide students with skills to make educated decisions in practical matters.

229 **Advanced Placement Statistics** – Junior/Senior (elective) – one credit/full year

The course is equivalent to a one-semester introductory, non-calculus based college course in statistics. The AP student is introduced to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. This course is useful to almost any college major. The four broad conceptual themes for the course are:

1. Exploring Data: Observing patterns and departures from patterns,
2. Planning a Study: Deciding what and how to measure,
3. Anticipating Patterns: Producing models using probability and simulation,
4. Statistical Inference: Confirming models.

**Prerequisite:** Minimum B+ in Algebra 2 and department approval.

230 **Introductory Calculus** – Senior (elective) – one credit/full year

This course begins with a review of analytic topics and proceeds to study differential calculus with applications to curve sketching, maximum and minimum, related rates. Integrals are studied as they relate to derivatives with applications to area and volume. The calculus of exponential, logarithm, and trig functions are examined.

**Prerequisite:** Department approval.

232 **Advanced Placement Calculus AB** – Junior/Senior (elective) – one credit/full year

This course is a preparation for the advanced placement Calculus AB examination. The syllabus is that prescribed by the College Board in their Calculus AB program. The ideas of limit, derivative, and integral are rigorously defined, with appropriate applications and techniques. Students taking this course are expected to take the Advanced Placement Test in May.

**Prerequisite:** Minimum B+ in Geometry/Precalculus; department approval.

234 **Advanced Placement Calculus BC** – Senior (elective) – one credit/full year

This course is a more intensive examination of the basic concepts of Calculus for students who have already had Calculus AB or Introductory Calculus. The syllabus prescribed by the College Board in their BC program is covered in depth. Besides a deepening of understanding of basic Calculus through challenging applications, a wide scope of additional topics are examined, especially infinite series and differential equations. Students taking this course are expected to take the Advanced Placement Test in May.

**Prerequisite:** Introductory Calculus or Advanced Placement Calculus; department approval.

**COMPUTER EDUCATION**

235 **Computer Applications** – Freshman (required) – 1/2 credit/semester

Office XP Professional and Researching at La Salle

This course is an introduction to using the vast capabilities of the La Salle Digital Network for research and course work. The Microsoft Office XP professional package integrates into the course and includes studies in how to use Word, Excel, Powerpoint, and Access. Students are taught networking fundamentals. Hyper Text Mark Up Language is used to learn about the World Wide Web.
236 Visual Basic Programming – Sophomore/Junior/Senior (elective) – 1/2 credit/semester

Visual Basic Programming introduces the concepts and skills of programming using the Visual Basic Language. Students should have at least a B average in Math, since programming requires logical thinking. The content of the course includes Object Oriented Programming, Graphical User Interface, Forms and Controls, Decisions, Looping, Arrays, Searching, and Database Programming. This class meets three times a cycle in a lab. In addition to class time, students will need to work extra periods each cycle to complete programming assignments. This work can be done in school or at home.

**Prerequisite:** B in Math or permission of the instructor.

238A JAVA Programming – Sophomore/Junior/Senior (elective) – 1/2 credit/semester

JAVA Programming is a more advanced course in computer programming. The AP Computer Science examination will use the JAVA language. This course, then, will help prepare students for the AP Computer Science course. This course covers the fundamentals of programming in the JAVA programming language: Object Oriented Programming with objects, messages, classes and inheritance; traditional features of the language, including variables, data types, operators, and control flow; creating and using objects of any type; creating interface and establishing the relationship among the classes.

**Prerequisite:** Minimum B+ in another Programming course and/or permission of the instructor.

239 Visual C++ MFC Programming – Junior/Senior (elective) – 1/2 credit/semester

Visual C++ is one of the principal languages for software applications. One way of producing Windows applications is by using the Microsoft Foundation Classes (MFC). This course will explore the use of MFC in writing Windows programs.

**Prerequisite:** B in C++ and/or permission of the instructor.

240 Internet Applications and Web Design – Sophomore/Junior/Senior (elective) – 1/2 credit/semester

The major emphases of the course are the essentials of Internet basics, Internet clients, development, networking, security, and business concepts. Along with design basics using varied Web development applications, such as Dreamweaver and FrontPage, the course uses HTML and XHTML to create Web pages and sites. Additionally, concepts involved in posting, hosting, and maintaining a Website are included.

241 C++ Programming – Junior/Senior (elective) – 1/2 credit

The C++ Programming course is designed to study this important and widely used computer language. Students can opt for C++ Programming as an alternative or addition to Visual Basic.

244 Computer Aided Design (CAD) – Sophomore/Junior/Senior (elective) – 1/2 credit/semester

The CAD course enables the student to use the computer to create a drawing or model. Dimensions are placed by the operator and calculated by the program; common parts or symbols can be grouped into a menu and added as needed. Emphasis is on mechanical drawing and the course is taught in the computer lab.

245 Advanced Computer Aided Design (CAD) – Junior/Senior (elective) – 1/2 credit/semester

In advanced CAD, the student expands on what they have learned in CAD. A more in depth study of the CAD program enables the student to draw in isometric and produce 3D line drawings.

**Prerequisite:** Computer Aided Design.
Advanced Placement Computer Science – Junior/Senior (elective) – one credit/full year

The course prepares the student to take the Advanced Placement Test in Computer Science in May. The official language is JAVA. Topics include: Programming Style, Run-Time Behavior, Structured Coding, Modular Design, Linear Data Structures, Linked Lists and Trees, Files, Debugging, Sorting Methods, etc. It is meant to be the equivalent to a first year college level Computer Science Course. Qualified students will be expected to take the AP exam. The course meets five times per cycle. Several additional hours per cycle will be needed for assignments.

Prerequisite: A in JAVA Programming and/or teacher’s approval.

MICROSOFT TRAINING

La Salle is a Microsoft IT Training Academy Level I Provider. This program allows La Salle to deliver advanced training in Microsoft Networking Technologies to our students. La Salle is one of a few schools in Pennsylvania to meet the difficult equipment and staffing requirements. The training helps prepare students for industry recognized certification examinations. Courses meet twice a cycle during 8th period and after school for a period of 80 minutes. Enrollment is limited to fifteen students who have either passed a qualifying examination or have served for one year as a student lab manager.

Network Management – Junior/Senior (elective) – 1 credit/full year

This is an independent study course based on skills evaluation, review, and prior course work.

Prerequisite: Department approval.

Microsoft Fundamentals and Practice – Junior/Senior (elective) – 1/2 credit/full year

The focus of this course will be on preparation for the MCSA, MCSE, and CIW certification exams. The course includes assignments, practice exams, projects, and hands on experience with materials relevant to exam preparation.

Prerequisite: Department approval.

Windows Server 2003 – Junior/Senior (elective) – 1/2 credit/first semester

This course provides students with the knowledge and skills that are required to manage accounts and resources, maintain server resources, monitor server performance, and safeguard data in a Microsoft Windows ServerTM 2003 environment.

Windows Server 2003 Active Directory – Junior/Senior (elective) – 1/2 credit/second semester

This course includes self-paced and instructor-facilitated components. It provides students with the knowledge and skills to successfully plan, implement, and troubleshoot a Microsoft Windows ServerTM 2003 Active Directory(r) directory service infrastructure. The course focuses on a Windows Server 2003 directory service environment, including forest and domain structure, Domain Name System (DNS), site topology and replication, organizational unit structure and delegation of administration, Group Policy, and user, group, and computer account strategies.

Prerequisite: Course 290.
300 ENGLISH

The purpose of the English program is to prepare students to further their personal and formal education. The program at La Salle begins with critical reading and discussion and leads to critical analysis and writing. A direct encounter with various genres of significant world literature develops reading and thinking abilities, along with an aesthetic appreciation of literature for the present and the future. The understanding of the structural principles of literature, drama, and poetry is considered crucial to the development of organized skills in composition. A directed emphasis on the writing of individual students serves as a means for learning and further enhances critical and analytical thinking across the curriculum. Discussion and student presentations improve listening skills and the ability to communicate ideas and information.

310 Introduction To Literature and Composition – Freshman (required) – one credit/full year

The purpose of the freshman English course is to enhance and broaden reading, discussion, composition, and vocabulary skills. By reading and close textual analyses of appropriate short stories, novels, plays, poetry, and essays, students sharpen critical thinking skills and aesthetic appreciation. The writing program engages students in the whole writing process, stressing mastery of the concise expository paragraph as the essential component of the complete essay. Vocabulary enrichment comes through the discovery of words in the context of the readings as well as through exercises in a standard vocabulary text.

320 Composition and Themes in Literature – Sophomore (required) – one credit/full year

The sophomore course builds upon the knowledge of literary genres and the introduction to composition introduced in freshman year. The course emphasizes the discovery of themes in literature through close analytical reading and discussion. Such themes as “the adolescent in conflict,” “redemption,” and the “search for self” center such studies. In the sophomore year, writing skills focus on more sophisticated challenges of expository essays, emphasizing the rudiments of the clearly declared and argued thesis and a variety of rhetorical modes of expression. Vocabulary study occurs both from formal study and literary context, stressing the students’ written and oral usage of words well beyond mere understanding of definitions.

330 American Literature and Composition – Junior (required) – one credit/full year

The Junior English course consists of reading and discussing important works of American Literature, refinement of the writing skills developed in the previous two years, and continued development of the formal essay. Complemented in content by the survey course in American History during the junior year, the literature study focuses on selected major American writers, including study of fiction, non-fiction, poetry, and drama from the colonial era to the modern period. Writing assignments continue to develop in a holistic approach from the planning stages through drafting and revising, to the final essay. Such writings emphasize more selectively the formal elements of thesis paragraph, developing paragraphs, precise word and phrase selection, use of supportive examples, and convincing conclusion. Additionally, the skills associated with research papers are learned throughout the year in a variety of smaller, specifically focused assignments, using the school’s academic computer network. Vocabulary study evolves contextually from the readings.

335 Advanced Placement English Language and Composition – Junior (elective) – one credit/full year

This course combines a survey of American literature with the intensive study of the art of prose in a variety of genres, including the novel, the essay, biography, autobiography, nature writing, and satire. Writing assignments are frequent and varied, including formal essays, fiction, parodies, and editorials. The course prepares students to sit for the College Board Advanced Placement examination in English Language.

Prerequisite: Permission of Sophomore English teacher, AP English Language and Composition teacher and English Department.
340 World Literature and Expository Writing – Senior (required) – one credit/full year

This course revolves around the close and critical reading of, in-depth discourse on, and formal essay writing in response to world literature from a variety of eras and authors. The first semester focuses on classical and medieval works while the second semester moves from Shakespeare to major works of the twentieth century. Writing instruction continually reviews the basic elements of composition learned in the previous three years while moving the students toward a command of more sophisticated techniques and complex skills. Students write frequent analytical essays based on assigned literary texts and occasional informal personal essays.

345 Advanced Placement English Language and Literature – Senior (elective) – one credit/full year

A more intensive version of 340, this course aims to broaden students’ understanding and appreciation of sophisticated themes and stylistic differences in literature. The course is a preparation for the AP examination in English Language and Literature.

Prerequisite: Permission of Junior English teacher, AP English teacher and English Department.

350 Creative Writing 1 – Junior/Senior (elective) – 1/2 credit/semester

This course offers students the opportunity to develop competence in the writing of fiction, poetry, and drama. All students in the course complete written assignments in these three genres and develop a substantial independent project in one of them. The course seeks to develop both aesthetic appreciation and accomplished performance in writing. Students also study related creative fields, including the fine arts, music, film, and computer multi-media. Publication is an important emphasis in the course.

Prerequisite: Juniors may apply with permission of instructor.

352 Creative Writing 2 – Senior (elective) – 1/2 credit/semester

Materials covered in the course are suggested by both students and teacher and include the areas of the arts, music, philosophy, science and the humanities. The time period for most materials is usually the recent modern period. Students write a series of brief papers, either critical, analytical or fictional in reaction to the material. These papers are developed in individual conferences with the instructor.

Prerequisite: An approved written study proposal and permission of an individual teacher who will supervise the independent study.

365 Shakespeare – Senior/ Junior (elective) – 1/2 credit/semester

This course is designed for the student who would like to further his knowledge and appreciation of the dramatic works of William Shakespeare. The course focuses on a close reading of eight to ten plays not normally done in the regular English classes, focusing on common themes and ideas in the plays and in Shakespeare’s dramatic technique. There will also be opportunity for students to see the plays via video and possible live performance.

380 Public Speaking – Sophomore/Junior/Senior (elective) – 1/2 credit/semester

This course is for the student who wants to acquire self-confidence and poise while developing formal oral communication skills. Emphasis is placed on speech structure, organization, research, and delivery required in public speaking. The student is encouraged to develop his own thoughts, feelings and personal attitudes into an effective message.
400 WORLD LANGUAGES

Our proficiency-oriented classes in world languages stress the four skills of listening, speaking, reading and writing. The context of the lessons helps students to understand and appreciate diverse cultures, which prepares them for life in a pluralistic society. Teachers use the target language as much as is appropriate to the level of the class. La Salle College High School requires a three year sequence of high school level study in one modern language: French, Italian, German or Spanish. After the freshman year, students may elect to take Latin or a second world language along with their required modern language. Level 4, 4H and AP language courses are offered based on sufficient enrollment.

401 Spanish Language Survey – Freshman – one credit/full year

This course is designed for students as determined by testing and/or recommendations of the Counseling and Guidance Department. Using a basic textbook, a video, and hand-outs, Spanish Survey prepares students so that they can successfully take a Spanish 1 class.

402 Spanish 1 – Freshman – one credit/full year

This proficiency-oriented course focuses on developing the language skills of listening, speaking, reading, and writing. The principal objectives of the course include practicing learned oral language skills in structured conversation, acquiring a strong foundation in Spanish vocabulary and grammar, and becoming familiar with the varied aspects of Hispanic culture.

404 Spanish 2 – Freshman/Sophomore – one credit/full year

This course continues the development of proficiency in the basic language skills of listening, speaking, reading, and writing. The foundation of vocabulary and grammar of the Spanish 1 course is built upon. The study of Hispanic culture is continued.

Prerequisite: Successful completion of Spanish 1 or equivalent. Incoming freshmen can qualify for the course by scoring B or higher in the placement test.

407 Spanish 2 Honors – Freshman/Sophomore – one credit/full year

The content is similar to that of the Spanish 2 course, but the pace is accelerated, the expectation of classroom participation is higher, the evaluation of all skills, including oral proficiency, is stricter, and supplementary materials are added.

Prerequisite: Final average of A or B+ in Spanish 1 and teacher’s recommendation.

408 Spanish 3 – Sophomore/Junior – one credit/full year

Spanish 3 immerses the student in a primarily Spanish-speaking environment by following the proficiency-based series utilized in Spanish 1 and 2. Cultural themes such as foods, art, music, and literature constitute the focus through which expanded conversation, listening, reading, and writing are developed.

Prerequisite: Successful completion of Spanish 2.

411 Spanish 3 Honors – Sophomore/Junior – one credit/full year

The scope of the Spanish 3 Honors course is similar to that of Spanish 3, but with greater attention to detail, more stringent requirements and a faster pace. This challenging course is conducted almost entirely in Spanish and students are expected to respond accordingly. Class participation is an important component. Accuracy of grammar, pronunciation and comprehension are emphasized. There are extensive reading and writing assignments. This course is a prerequisite for the Advanced Placement course in the senior year.

Prerequisite: Final average of A or B+ in Spanish 2 Honors and teacher’s recommendation.
412 **Spanish 4** – Junior/Senior – one credit/full year

This course furthers the student’s proficiency in comprehension, conversation, reading and composition. By means of a video series, selected readings, and discussions, the student learns about the diversity of the people, customs, and cultural heritage of Spanish-speaking countries, and refines his pronunciation.

**Prerequisite:** Final average of C in Spanish 3 and teacher’s recommendation.

413 **Spanish 4 Honors** – Junior/Senior – one credit/full year

Students who have successfully completed the Spanish 3 Honors course will continue to develop proficiency in speaking, reading, listening and writing. Conversation, listening, reading, and writing skills will be expanded through immersion in Spanish cultural themes, such as foods, art, music, film, current events, literature, and social justice issues. Accuracy of grammar, pronunciation, and comprehension are emphasized. There are extensive reading and writing assignments. Qualified juniors should take this course in preparation for AP Spanish in the senior year.

**Prerequisite:** Final average of A or B+ in Spanish 3 Honors and teacher’s recommendation.

414 **Advanced Placement Spanish** – Junior/Senior – one credit/full year

The equivalent of a 300 level college course in Spanish conversation and composition, this course prepares the student to take the Advanced Placement examination of the College Board. The course stresses oral skills, listening comprehension, reading comprehension, and composition in Spanish within the framework of Hispanic culture.

**Prerequisite:** Final average of A or B+ in Spanish 3 Honors or Spanish 4 Honors and teacher’s recommendation.

416 **Spanish 5 (Independent Study)** – Senior – one credit/full year

A literature course intended for students who have completed Spanish 4, Spanish 4 Honors or AP Spanish Language in their junior year. There is a continued emphasis on developing proficiency in speaking, reading and writing Spanish.

**Prerequisite:** Final average of A or B+ in Spanish 4, Spanish 4 Honors or AP Spanish and teacher’s recommendation.

420 **French 1** – Freshman – one credit/full year

This is a course in basic conversational French with an emphasis on using the language to speak about personal experiences in everyday situations. The conversations, reading passages, and listening material reflect aspects of life in France and provide opportunities for understanding French life and culture. Grammar study gives a firmer understanding of the language with a view to helping students speak and write correctly.

422 **French 2** – Freshman/Sophomore – one credit/full year

French 2 continues the development of basic proficiency in the skills of listening, speaking, reading, and writing French. Through the video and CD program, students see and hear young French people going about their daily lives in Paris and other areas in France and the French-speaking world. The textbook and workbooks provide practical reading and writing practice.

**Prerequisite:** Successful completion of French 1 or equivalent. Incoming freshmen can qualify for the course by scoring B or higher in the placement test.

426 **French 3** – Sophomore/Junior – one credit/full year

French 3 continues to develop the student’s ability to understand spoken French, to speak, to read and to write basic French. Course work centers around dialogues, short readings on aspects of French daily life and culture: family life, food, sports and movies, Christmas, and other holidays. There is continued work on grammar. Developing a student’s ability to express his thoughts and opinions in oral and written French is a course goal.

**Prerequisite:** Successful completion of French 2.
23 French 3 Honors – Sophomore/Junior – one credit/full year

Students in this course must be able to understand and to speak French, at least on a rudimentary level. Students should possess basic skills for writing well in the French idiom and the ability to read contemporary French. The course focuses on a continuing development of the four basic language learning skills, i.e. hearing, speaking, reading and writing. Classes are conducted in French. Assignments emphasize reading selections in French, French conversation, mastery of contemporary French writing and speaking styles, and creative writing in French.

Prerequisite: Final average of A or B+ in French 3 Honors and teacher’s recommendation.

430 French 4 Honors – Senior – one credit/full year

This is a course in advanced conversation, composition, and reading. The textbook provides a rich source of practical vocabulary and activities to develop conversational skills. Students learn to write paragraphs and short essays through directed writing activities. Readings include short stories, poems, and newspaper articles which give students some understanding and insight into French history and culture.

Prerequisite: Final average of A or B+ in French 3 Honors or A average in French 3 and teacher’s recommendation.

432 Advanced Placement French – Junior/Senior – one credit/full year

This is a course in advanced conversation and composition. Reading and other materials used in the course deal with contemporary French culture as well as French history. The readings include some short stories and poetry as well as newspaper and magazine articles. Writing skills are developed through the writing of essays and short reports. Students taking the course are expected to take the Advanced Placement exam.

Prerequisite: Final average of A or B+ in French 3 Honors or French 4 and teacher’s recommendation.

434 French 5 (Independent Study) – Senior – one credit/full year

This is an independent study course intended for students who have completed French 4 or Advanced Placement French in their junior year. The focus of the course is on French history, literature, and culture. There is a continued emphasis on developing proficiency in speaking, reading, and writing French. Students meet with the teacher on a regular basis to discuss reading assignments and to develop proficiency in conversation.

Prerequisite: Final average of A or B+ in French 4 or AP French and teacher’s recommendation.

440 German 1 – Freshman/Sophomore – one credit/full year

The primary goal is to help students develop proficiency in the four basic skills: listening, speaking, reading and writing. A corollary aim is to increase knowledge and appreciation of the diverse cultures of the German-speaking countries. The emphasis is on communication. Self-check questions and exercises, as well as one or more reading selections in the form of a poem, short story, article or cartoon, supplement each unit of the text.

442 German 2 – Sophomore – one credit/full year

Proficiency in the four basic skills continues to be developed Students practice writing in German through controlled and open-ended writing activities. Reading themes relevant to young people develop a feel for everyday life in the German culture

Prerequisite: Successful completion of German 1 or equivalent. Incoming freshmen can qualify for the course by scoring B or higher in the placement test.

446 German 3 – Junior – one credit/full year

The goals of functional language for proficient communication and cultural awareness to broaden understanding are continued throughout level three. Motivating activities invite students to apply what they have learned to real-life
situations. The program depicts everyday life, such as family and peer relations and social customs, in the German world. The texts presents facsimiles of authentic documents, German art, numerous cultural notes, photographic essays, as well as interviews with German students written by native speakers of German.

**Prerequisite:** Successful completion of German 2.

449 German 4 – Senior – one credit/full year

German 4 continues the learning of German language and culture via grammar and usage presentations, as well as continued practice in conversation as incorporated in the final level of the textbook series. Interspersed are reading samples from other sources. Students in German 4 study the same topics as Advanced Placement German, but do not get AP credit or take the AP examination in German.

**Prerequisite:** Successful completion of German 3.

450 Advanced Placement German – Senior-one credit / full year

Advance Placement German continues the learning of German language and culture via grammar and usage presentations, as well as continued practice in conversation as incorporated in the final level of the textbook series. Interspersed are reading samples gleaned from current and past articles and other items from Reader’s Digest: Das Beste für Deutschland, as well as some short stories and a few poems by Rilke and Goethe. Excerpts from a German biography of Saint Gianna and monthly messages in German from Medjugorje are also included.

**Prerequisite:** Final average of A or B+ in German 3 and teacher’s recommendation.

455 German 5 – Senior (elective) – one credit/full year

This course offers advanced, independent study in German with emphasis on literature and translation.

**Prerequisite:** Final average of A or B+ in AP German and teacher’s recommendation.

470 Italian 1 – Freshman – one credit/full year

This course introduces students to the communicative skills of understanding, speaking, reading and writing standard Italian. Set mostly in Rome and Tuscany, the text focuses on daily life in Italy against the rich background of Italian history and also on Italian cultural heritage, food and popular culture.

471 Italian 2 – Sophomore – one credit/full year

Italian 2 continues the development of Italian language proficiency that was begun in Italian 1. Students learn to speak, read, and write about Italian life, history, and culture through text situations geared to high school students and through supplemental readings, videos and film.

**Prerequisite:** Successful completion of Italian 1 or equivalent.

472 Italian 3 – Junior – one credit/full year

Both the quantity of required vocabulary and the complexity of language structures increase in the third level of Italian study. The students do speaking activities which are designed to practice new language structures in authentic and practical ways, written tasks, some of which require research on Italy and the Italian-speaking community, and readings from the Forza! Tre text as well as selections from sources.

**Prerequisite:** Successful completion of Italian 2 or equivalent.

473 Italian 3 Honors – Junior – one credit/full year
The format for Italian 3 Honors resembles that of Italian 3, but the workload is more demanding; the pace, faster, and the standards, higher. Students must demonstrate that they have acquired the skills (in comprehension, speaking, reading, and writing) of the first two courses and be willing to meet the additional demands of the course.

**Prerequisite:** Final average of A or B+ in Italian 2 Honors and teacher’s recommendation.

474 **Italian 4** – Senior – one credit/full year

This is a course for those who wish to continue their study of Italian and acquire additional skills in understanding, speaking, reading and writing Italian. Sources used include the college-level text, Oggi in Italia, other readings, and film.

**Prerequisite:** Final average of C in Italian 3 and teacher’s recommendation.

475 **Italian 4 Honors** – Senior – one credit/full year

Students who have successfully completed Italian 3 Honors may continue with this rigorous course which stresses oral, reading and writing skills, along with Italian cultural heritage. The course is taught in Italian. Sources include the college-level text, Oggi in Italia, contemporary and classical literary selections and film.

**Prerequisite:** Final average of A or B+ in Italian 3 Honors and teacher’s recommendation.

480 **Latin 1** – Sophomore/Junior/Senior (elective) – one credit/full year

This course offers the students a chance to study a language and culture that has heavily influenced the English language for more than 2000 years. The students will read selections which slowly build their confidence and vocabulary until they are able to read and understand the Latin with a minimum of translation. Additional oral work is given in class to enhance the text, and students learn much about Roman culture and history from their reading. Vocabulary and graded grammar work is stressed and students come away from Latin 1 with a stronger command of English vocabulary through the study of derivatives from Latin.

483 **Latin 2** – Junior/Senior (elective) – one credit/full year

Latin 2 takes up where Latin 1 leaves off, with a heavier emphasis on grammar and vocabulary. Latin 2 stresses oral communication in Latin. Toward the end of the year, students begin reading Latin poetry in the original meter. Additional work in Roman culture and history is given, with an added emphasis on Greco/Roman mythology. Since most students in Latin 2 are juniors, English derivatives from the Latin vocabulary lists are studied, and preparation is given for the student to take the SAT test.

**Prerequisite:** Successful completion of Latin 1.

485 **Latin 3** – Junior/Senior (elective) – one credit/full year

Latin 3 is an advanced course offering the students a survey of Latin literature. The grammar and vocabulary begun in Latin I and II are continued, with a steady increase of work in the history of Latin literature. Readings from Caesar, Cicero, Catullus, Horace and Vergil constitute the course, with selections from the Latin New Testament and Medieval Latin at year’s end.

490 **Greek 1** – Sophomore/Junior/Senior (elective) – one credit/full year

Greek 1 is an introduction to the grammar and vocabulary of ancient Attic Greek. Its aim is to provide the fundamentals necessary for reading and translating Greek with accuracy and confidence. The course also offers students the opportunity to begin reading continuous narratives that illustrate various aspects of ancient Greek culture, and provides exercises on derivation and word formation to show students the important influence of Greek on the vocabulary of the English language.

**Prerequisite:** A grade of B or higher in modern language and previous study of Latin for one year.
Upon completion of a full science program, the La Salle student has the knowledge to understand his world as an educated observer, consumer, and citizen. By questioning, observing, interpreting, and communicating scientific information, the student approaches the outside world and its problems with the curiosity and openness needed to become a critical thinker.

501A Integrated Science – Freshman – one credit/full year

This course introduces the student to the areas and methods of the Sciences and the application of the Sciences to real world problems. The laboratory component of the course emphasizes critical thinking and problem solving skills. Lab work and reports, test, quizzes, independent and group projects are used to evaluate the student. It is expected that the student spend a minimum of 30 minutes daily preparing for this class.

504 Biology 9 Honors – Freshman – one credit/full year

See Course # 505 for course description.

505 Biology 10 Honors – Sophomore – one credit/full year

This course provides an opportunity for students to study life with a detailed emphasis on the biochemical processes. (An introduction to Biochemistry is used to help explain the processes of life.) Using the scientific method, the students investigate evolution, animal and plant morphology and systemics. Student assessment is determined by tests, lab work and reports, homework, independent and group projects. The student is expected to express himself in detailed essay answers in order to show a higher level of concept recognition. Satisfactory performance demands a daily allotment of 30 minutes study time.

**Prerequisite:** Minimum B in Math; minimum A in Integrated Science; department approval – limited enrollment.

506 Biology 10 – Sophomore – one credit/full year

This course provides the opportunity for students to study the biochemical basis of life, evolution, animal and plant morphology and systemics, using the scientific method as a mode of investigation. This course is designed to follow Integrated Science and uses an introduction to biochemistry to help explain the process of life.

509A Chemistry 10 Honors – Sophomore – one credit/full year

See Course # 511A for course description.

509A Chemistry 10 Honors – Sophomore – one credit/full year

This course introduces the student to the areas and methods of the Sciences and the application of the Sciences to real world problems. The laboratory component of the course emphasizes critical thinking and problem solving skills. Lab work and reports, test, quizzes, independent and group projects are used to evaluate the student. It is expected that the student spend a minimum of 30 minutes daily preparing for this class.

510 Chemistry – Junior – one credit/full year

The course familiarizes the student with the basic concepts and experimental techniques of modern chemistry. In addition to fundamental principles, the course also highlights the relevance of chemistry to the consumer. Students are evaluated by means of testing, laboratory reports and homework assignments.

511A Chemistry 11 Honors – Junior – one credit/full year

Courses 509A and 511A follow the outline of topics for Chemistry 510. These are HONORS courses that emphasize, at an accelerated pace, the mathematics of Chemistry, as well as the theory. In order to prepare the students for the Advanced Placement course, a more in-depth understanding of the topics are stressed. Student assessment is determined by tests, lab work and reports, homework and outside reading assignments. The student is expected to express himself in detailed essay answers, as well as traditional short answer responses. Satisfactory performance in the course demands a daily allotment of 30 minutes study time.

**Prerequisites:** Minimum Math requirements: C+ in Honors Math, B in Algebra; minimum B in Integrated Science and Biology Honors; departmental approval; limited enrollment.
512 Advanced Placement Chemistry – Senior (elective) – one credit/full year

This course is equivalent to first year college chemistry and is recommended for prospective science, engineering, and pre-med majors. Having had two semesters of chemistry, the AP student is exposed to an in-depth study of chemical principles and their connections to everyday life. The student is expected to explain some of the complexities of the science, from atomic theory through thermodynamics, kinetics, and equilibrium.

Prerequisite: Minimum C+ in Chemistry Honors (511 or 509 and B in Math or B in Chemistry 510 and B in Math; department approval – limited enrollment.

513 General Chemistry – Junior/Senior – one credit/full year

This course follows the outline of Chemistry 510 with less emphasis on the mathematics of chemistry and more on practical application.

Prerequisite: Department approval; limited enrollment.

514 Physics – Junior/Senior – one credit/full year

This is a standard pre-college Physics course. It is appropriate for all college-bound students, especially those planning to major in science/engineering. The topics covered are: Mechanics (statics, kinematics, and dynamics), wave motion, sound, light, electricity and magnetism. Both understanding of the concepts and problem solving are stressed.

Prerequisite: Minimum B average in Math courses; department approval.

515 Physics Honors – Junior/Senior – one credit/full year

This is an intensive pre-college Physics course. It is appropriate for students planning to major in science/engineering as well as those who want a more thorough understanding of basic Physics principles. The topics covered are basically the same as those in Physics 514. However, they are covered in more depth, including more complicated examples. Both understanding of the concepts and problem solving are stressed. However, the level of difficulty of the problems is much higher than in Physics 514.

Prerequisite: Minimum B+ average in math and science courses; department approval; limited enrollment.

516 General Physics – Senior (elective) – one credit/full year

A modified pre-college course for students interested in learning physics without the intense mathematical analysis normally associated with a physics course. Topics are the same as offered in Physics 514, but at a more conceptual level. This course does include laboratory work. Students who successfully complete this course will have a general understanding of classical physics.

Prerequisite: Minimum C average in Math and Science courses; limited enrollment.

518 Advanced Placement Physics – Senior (elective) – one credit/full year

This is a second year Physics course designed for students planning to take the Advanced Placement Physics C exam. It is particularly useful for future science/engineering/pre-med majors. Most of the first semester is devoted to Mechanics, including several topics at a Calculus level. The second semester is devoted to Electricity and Magnetism, which relies heavily on Calculus. Problem solving is intensely stressed.

Prerequisite: B+ in Physics; student must have taken or be taking Calculus. Generally good math grades are expected, since the course is heavily math dependent; approval of instructor.

527 Anatomy and Physiology Honors – Junior/Senior (elective) – one credit/full year

This course includes the study of the structure and functions of the human body, with special emphasis on the muscular, skeletal and nervous systems. Using a problem based approach, students investigate the regions of the body in a holistic
rather than in a systemic manner. Dissection model is the cat. Tests, class participation and presentations are used to evaluate the student.

Prerequisite: B in Integrated Science, Biology and Chemistry; department approval; limited enrollment.

530 Advanced Placement Biology – Junior/Senior (elective) – one credit/full year

This course is patterned after the suggested curriculum for Advanced Placement Biology. The course is an introductory college level biology course with an emphasis on the following topic areas: biochemical basis of life, genetics and gene control, homeostasis, anatomy and physiology of plants and animals. Student evaluation is based on tests, independent readings, and lab performance.

Prerequisite: B in Biology 503, 506, or 507; B in Chemistry 509, 510, or 511; department approval; limited enrollment.

540 Environmental Science – Junior/Senior (elective) – one credit/full year

This course is designed for students who desire an elective that explores scientific principles in depth and applies course concepts to field investigations and lab activities. The focus of the course is on ecology and it investigates the scientific principles, concepts, and methodologies required to understand the interrelationships that exist in the natural world. By studying scientific foundations of geology, hydrology, meteorology, and ecology, students will understand the many facets of environmental science, including the dangers of air and water pollution, nuclear energy, and the fragile nature of the biosphere.

Prerequisite: Selection requirements are a C or better in biology, chemistry, and math; department approval.

545 Advanced Placement Environmental Science – Senior (elective) – one credit/full year

This course is designed to give qualified and interested students a year-long introductory course in the ecological principles of Environmental Science. Students study the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and man-made, to evaluate the risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. These concepts and principles are presented in an interdisciplinary approach since Environmental Science embraces a wide variety of topics from different areas of study. The course meets for six sessions per cycle, with a double lab period to enable students to carry out more rigorous investigations. A multi-media lab program enhances the students’ understanding of the desired principles. Students will be expected to sit for the Advanced Placement exam in May.

Prerequisite: Minimum B in Biology, Chemistry, Physics and Math; department approval; limited enrollment.

555 Astronomy – Senior (elective) – 1/2 credit

This course is structured to familiarize the students with the science of Astronomy through a distance learning approach. Topics to be covered include the science within and outside our own solar system. Areas of study will include telescopes, celestial bodies (sun, moon, planets, asteroids, comets, and constellations), the origin of the solar system, and the search for extraterrestrial life. Other themes will include the structure and evolution of the stars, pulsars, black holes, nebulae, galaxies, quasars, and the structure and evolution of the universe. Occasional evening laboratories will include visual observations and electronic imaging of astronomical objects. A field trip to a local planetarium or college observatory will also be offered.

Prerequisite: Department approval.

560 Health – Freshman – 1/2 credit/semester

This course is an overview of the broad field of health. It is designed to help the student identify the physical, psychological, social, hereditary, and environmental factors that affect his health. With this knowledge, the student should be able to develop a plan for maintaining good overall health. Specific topics to be covered include: physical and mental health, nutrition, drug and alcohol abuse, and sexually transmitted diseases.
The Social Studies Department offers a program of study centered upon the importance of history. Students take a three-year, required sequence of surveys in World Civilizations and United States History. Within these surveys, students are introduced to the rise, organization, and development of great civilizations, then led to study the great issues of the 21st century. Students search for meaning in the past using a wide variety of primary and secondary sources, print and electronic. Writing is used extensively across the department curriculum, providing opportunities to explain, evaluate, and criticize the ideas and actions of people across time and cultures. The department offers a series of electives in the social sciences and history in which juniors and seniors continue this kind of historical investigation at an academic level consistent with introductory college work.

602 World Civilizations 1 – Freshman (required) – one credit/full year

This is the required course for freshmen. The course surveys the history and cultures of the world from prehistory to the early modern age, 1500-1700. The course follows the rise of great civilizations across the globe, how they flourished, and the problems they encountered. The course examines culture and certain political, religious, social, and economic customs and institutions. Special topics include exploring cultural diversity, achievements, competition for supremacy, and the influence of religion among different civilizations in the ancient world. Ultimately, there is an important discovery, an understanding of our common humanity.

605 World Civilizations 2 – Sophomore (required) – one credit/full year

This course is required for sophomores. This is the second part of a two-year sequence of the survey of World Civilizations. Just as in Part I, this course relies heavily on the use of Internet resources as the basis for primary and secondary historical images and interpretations. Starting with the early modern civilizations of Europe, Asia, and Africa, the course analyzes the effects of nationalism, industrialism, and imperialism and identifies the forces of social change and cultural conflict through the 19th and 20th centuries. The latter part of the course examines the legacies of World War II, the global transformations and struggles of the super powers and the great issues of the modern age.

606 United States History – Junior (required) – one credit/full year

This is the required course for juniors. The course develops selected topics and issues in United States history from the colonial era to the post-Civil War western expansion. It then becomes a more in-depth survey of the late 19th century to the era of Vietnam. Using primary and secondary sources, through discussion and writing, students develop their own interpretations and conclusions about United State History and during their course of study come to appreciate the major topics, issues, and personalities that have helped transform the thirteen former British colonies into a 21st century world power.

608 Advanced Placement United States History – Junior (elective) – one credit/full year

This course is an elective for selected juniors. Admission requires departmental approval based on teacher recommendation, test, and writing sample. The main goal of the course is to prepare for the Advanced Placement exam in United States History, and includes the potential for college credit. Students will read, write, and discuss the various historical interpretations for the major events, characters, and ideas of United States History from 1609-1990. Among the topics included in this course are: Colonization, Revolution, Constitution, Civil War, Progressivism, World Wars I and II, Cold War, and Civil Rights. Students are expected to take the Advanced Placement examination in May.

614 Economics 1 – Junior/Senior (elective) – 1/2 credit/semester

This is an elective open to juniors and seniors. This introductory course is designed to give students a basic understanding of the principles of microeconomic theory. It emphasizes the fundamental terms, concepts, and processes of economic study that apply to individual decision makers, both consumers and producers. Students learn to research, analyze, and apply solutions to a variety of economic problems. Some major topics include: cost and benefit analysis, supply and demand, perfect and imperfect markets, and private and government policy.

618 Advanced Placement Economics – Junior/Senior (elective) – 1 credit/full year

This is an Advanced Placement elective open to juniors and seniors. It is an introduction to the principles, terms,
concepts, and processes which apply to both micro- and macroeconomic study. The primary goal of the course is to prepare students to take the Advanced Placement exams in both fields of economic study. Students are expected to read and write about economic theories, engage in economic research and discuss economic problems and their solutions. Among the major topics studied are: systems analysis, production possibilities; supply, demand, and elasticity; costs, revenue, and profits; perfect and imperfect markets; aggregate demand and supply; national income accounting; Keynesian and classical views; monetary and fiscal policy; international trade and finance. Students are expected to take the Advanced Placement examination in May.

**Prerequisite:** Departmental approval and teacher recommendation.

**622 Political Science** – Senior (elective) – 1/2 credit/semester

This course examines the political system of the United States, including its framework, traditions, and values. The course investigates the nature of the United States system and its development over the past two hundred years, and explores how it operated in the last ten years of the twentieth century. The course examines in detail the principles, processes, and institutions through which the political system functions, as well as some of the public policies that these institutions establish and how such policies are implemented.

**626 Advanced Placement Modern European History** – Selected Sophomore/Senior (elective) – one credit/full year

The course is designed to have students come to know and understand the importance of European history in the development of global affairs. Students will learn to criticize, analyze, and synthesize primary and secondary source materials in European History, and cover the period from the Renaissance to the collapse of Communism and end of the cold war, 1350-1990. Significantly, the course also prepares students for the Advanced Placement exam in European History. It is presumed that all students who elect this course will also take the Advanced Placement examination.

**Prerequisite:** Department approval through teacher recommendation.

**627 Introduction to Psychology** – Senior (elective) – 1/2 credit/semester

This course is an elective course open to seniors. This course provides students with a general orientation towards the methods, content areas, and central findings of psychology. The course is designed to give students an understanding of psychology as a science and an art and to demonstrate psychology’s application in daily living. The course develops three overall areas of thinking in psychology – analytic, creative, and practical – each of which includes both cognitive and affective abilities.

**642 Vietnam** – Senior (elective) – 1/2 credit/semester

This course examines the history of Vietnam and the region of the world known as Southeast Asia. The course focuses on the land, history, and culture of Vietnam. It centers on United States involvement from aid to the French, through the fall of Saigon, to the normalization of relations with Vietnam. Students read extensively in primary and secondary sources, write short papers on the historiography of Vietnam, and research the significance of Vietnam in modern American History. Literature is a major component of the course. A class trip to the Vietnam Veterans’ Memorial - The Wall - is a requirement of the course which leads students to research projects about Vietnam era veterans. Other topics in the course are: the legality of the Vietnam war, fighting the war for the U.S.: the composition of forces, war tactics and strategies, when war becomes a crime: My Lai, the war at home including the role of media and perspective of women, wounds of war and the process of healing, boat people and Vietnamese refugees in the U.S.

**650 Advanced Placement American Government and Politics** – Junior/Senior (elective) – one credit/full year

This course focuses on United States Government and Politics, one of two A.P. curricula offered in Political Science. Major topics include: Constitutional foundations of the U.S. Government; Political beliefs and behaviors; Political parties, Interest groups and Mass media; Institutions of National Government: the Congress, the Presidency, the Bureaucracy, and Federal Courts; Public Policy; Civil Rights and Liberties. A major purpose of this course is to prepare students for the Advanced Placement exam in May. Students who select this course are expected to take the Advanced Placement exam.

**Prerequisite:** Department approval through teacher recommendation.
GROUP COUNSELING

705 Group Advisory 9 – Freshman – .1 credit/full year

The Freshman Advisory Group meets once per cycle and focuses on helping students adjust to life in high school. Major topics include preparation for and interpretation of standardized testing, academic and social adjustment, basic study skills, peer relationships, and student/teacher relationships.

700 Group Advisory 10 – Sophomore – .1 credit/full year

This course is designed to assist students in academic and life choices pertinent to their age group. Presentations include the Lasallian philosophy, academic expectations, study skills, the importance of student involvement in extracurricular activities, and the National Honor Society’s tutoring program. Information is given on the NCAA/Clearing House requirements and the Governor’s Summer School Scholarship. A review of the P.S.A.T. prior to testing and an analysis of the results after administration of the test aids students with standardized testing. A discussion of study techniques for semester examinations prepares students for the inclusive tests. Other sessions touch on the issues of drugs, alcohol, eating disorders, sleeping disorders, sexuality, depression, and suicide intervention. With the future in mind, there are career presentations through La Salle’s Alumni Office. The Career Occupational Preference System (C.O.P.S.), which is a self-directed inventory for professional careers, is given and the results are reviewed. Additionally, students are assisted with course selections for the next academic year prior to registration.

770 Group Advisory 11 – Junior – .1 credit/semester

This course is designed to assist students in the acquisition, evaluation, and appropriate use of information, including college guidebooks and catalogs, computer-based guidance systems and college videos. It also assists students in relating their abilities, aptitudes, and interests to current and future educational and occupational choices. The course includes presentations and frequent small group discussion about educational and career issues.

775 Group Advisory 12 – Senior – .1 credit/semester

This course is designed to assist students with developing a personal timeline or calendar for completing the tasks associated with the college admission process and to assist them in developing responses to college admissions and financial aid decisions. The course includes presentations and frequent small group discussion about educational and career issues.
Recognizing that students come to La Salle with a wide variety of musical backgrounds, the La Salle Music Department offers courses at a variety of levels of musical ability so as to provide an appropriate course of instruction for all. The beginning or intermediate musician participates in the Alpha or Omega Bands, groups designed to give students facility in performing moderately difficult music material. The more advanced musician progresses to participation in the La Salle Stage Band, a more skilled group dedicated to exploring a variety of musical styles including jazz and contemporary compositions. Wherever appropriate, students also participate in the La Salle Concert Band, an organization which is given extensive instruction in classical as well as contemporary expression. All performance courses include units in music theory and history of music. All students are given private instruction during the course of the academic day by a well trained core of professional musicians dedicated to the art of developing the vocal and instrumental talents of each student. A student with special interests may pursue these interests via a series of supervised programmed instruction. A strong point of the La Salle Music program is the incorporation of instruction into the student’s daily roster. At La Salle, music is considered to be an integral part of the student’s education.

802 Introductory Music Performance (Freshman Band) (elective) – one credit/full year

This course provides the beginning student musician an opportunity to develop his musicianship through ensemble performance of jazz and related idioms. The student rehearses and performs beginners’ arrangements from the stage band repertoire. The course introduces the student to the fundamentals of music theory, jazz improvisation, and the early history of jazz.

Prerequisite: Selection by the department, based upon audition. Corequisite: Enrollment in Music 806.

804 Intermediate Music Performance (Stage Band) (elective) – one credit/full year

This course provides the student with intermediate musical abilities an opportunity to improve his musicianship through ensemble performance of jazz and related idioms. The student rehearses and performs arrangements of intermediate difficulty from the stage band repertoire. The course introduces the student to more advanced concepts of music theory, jazz improvisation, and the history of jazz in the United States through the present.

Prerequisite: Selection by the department, based on audition. Corequisite: Enrollment in Music 806.

806 Instrumental Instruction (elective) – 1/2 credit/full year

This course provides the student with individualized or small group instruction on the instrument of the student’s choice. The student is provided with instruction in the techniques specific to his instrument and to his own ability level. Instruments offered include trumpet, trombone, French horn, baritone horn, tuba, flute, oboe, clarinet, bassoon, saxophone, percussion, stringed bass, electric bass, and guitar. The school can provide many instruments at no cost to the student.

Prerequisite: No musical experience is necessary. Corequisite: Enrollment in Music 802, 804, 820 or 850.

810X Advanced Music Studies (elective) – 1/2 credit/full year

Students are invited to explore the following topics:

1. MUSIC THEORY: An introduction to the fundamentals of music theory in a way more rigorous than is allowed in the performance courses.

2. HARMONY: An introduction to the basic concepts and techniques of tonal harmony.

3. MUSICAL FORM AND ANALYSIS: An introduction to the basic elements in musical form and the principles of form analysis.
820 **Small Ensembles** (elective) – one credit/full year

In this course, the student is introduced to the unique concerns of small ensemble performance. Special attention is paid to the literature of classical music. Students gain experience in performance with ensembles such as the brass choir, saxophone quintet, guitar ensemble, string orchestra, and flute ensemble and learn basic concepts about the history of classical music.

**Prerequisite:** Junior or senior status; department approval. Corequisite: Enrollment in Music 806.

840 **Jazz Arranging and Improvising** (elective) – one credit/full year

This course provides a context in which the experienced musician with advanced abilities can develop his creative skills using the medium of jazz. The student receives instruction in the techniques of jazz arranging and performance.

**Prerequisite:** Music 802, 804, 820 or 850; department approval. Corequisite: Music 806.

850 **Advanced Music Performance (Stage Band)** (elective) – one credit/full year

This course provides the student of advanced musical abilities and experience, an opportunity to improve his musicianship through ensemble performance of jazz and related idioms. The student rehearses and performs arrangements of advanced difficulty from all eras of the stage band repertoire. The course introduces the student to advanced concepts of music theory, jazz performance and improvisation and the history of jazz in the United States through the present.

**Prerequisite:** Music 802, 804 or 820 and selection by department, based upon audition. Corequisite: Enrollment in Music 806.

850X **Honors Advanced Music** (elective) – one credit/full year

The Honors Advanced Band class is a more intense, advanced and professional version of course 850 and receives honors (.5) credit for students who take it.

**Prerequisite:** Audition only.

851 **Freshman Chorus** (elective) – one credit/full year

This course is designed specifically to equip the freshman with the musical tools necessary to be an active participant in the musical life of La Salle. Issues covered include the changing voice, reading music, and vocal production in addition to rehearsing and performing as a choral ensemble. No previous experience is required.

852 **Chorus** (elective: all levels) – one credit/full year

In this course, students learn and perform a wide variety of music, including: folk, classical, and jazz. Most of the repertoire is sung a capella, in three to five parts. Students are expected to memorize music when requested and are to attend all rehearsals and performances.

**Prerequisite:** Department approval; based upon audition.

853 **Advanced Chorus** (elective: all levels) – one credit/full year

Students who have auditioned and have been accepted for Belcrofters are eligible for Advanced Chorus.

**Prerequisite:** Based upon audition.

854 **Independent Chorus** (elective: all levels) – one credit/full year

Independent study is pursued by arrangement with the Choral Director.
SPECIAL NOTE: Students taking music receive credit for all courses taken; however, no more than one and one half credits are calculated in the GPA. All others are taken Pass/Fail and are not calculated in the GPA.

VISUAL ARTS

The Visual Arts program is designed for all students who have an interest in learning the basic principles and techniques of art. It provides individuals with an opportunity to think and express themselves creatively through various design and art activities. Visual Arts is an integral part of each student’s education. For those students interested in continuing on university level, advanced courses are designed to accommodate their needs.

855 Foundations Art – Freshman (elective) – one credit/full year

This course is offered to students interested in a wide range of art experiences. It emphasizes the fundamentals of two-dimensional and three-dimensional skills involving a variety of materials and techniques. These include drawing, painting, sculpting, ceramics, papermaking and printmaking.

860 Drawing 1 – Sophomore/Junior/Senior (elective) – 1/2 credit/semester

This course is structured to give students a working knowledge of drawing. Traditional and experimental techniques are emphasized. Slide lectures accompany lab activity. A variety of media are explored. These include pencil, charcoal, pastel, scratchboard, pen and ink.

865 Drawing 2 – Sophomore/Junior/Senior (elective) – 1/2 credit/semester

This advanced course focuses on establishing individual styles and more creative approaches to drawing. Portraiture and life drawing are included as well as an introduction to computer graphics.

Prerequisite: Successful completion of Drawing 1.

870 Painting 1 – Sophomore/Junior/Senior (elective) – one credit/full year

This course is structured to give students a working knowledge of painting techniques as well as principles of color theory and design. With this understanding, students accomplish projects in landscape, still life, graphic design, and portraiture in a variety of media.

Prerequisite: Successful completion of Drawing 1.

875 Drawing and Painting 2 – Junior/Senior (elective) – one credit/full year

This advanced art program challenges those students who are considering future studies in art. Projects extend to all media with a goal of compositional mastery. Students are encouraged to develop a more individual approach toward art and to prepare art portfolios.

Prerequisite: Successful completion of Drawing 1 and Painting 1.

880 Ceramics 1 – Junior/Senior (elective) – 1/2 credit/semester

This course introduces students to three-dimensional form and basic hand-building techniques. The course includes information on clays, firing, glaze and underglazing. Knowledge of the history and aesthetics of ceramics is further developed through field trips and class discussion.

880A Advanced Ceramics – Senior (elective) – 1 credit/full year

This is an independent portfolio class in ceramics.

Prerequisite: By arrangement with teacher.
885 **Ceramics 2** – Junior/Senior (elective) – 1/2 credit/semester

This advanced course of study concentrates on the use of the potters wheel to resolve conceptual and formal issues as they relate to individual exploration. Assignments are designed to challenge the abilities of the students and encourage uniqueness. Typical issues include usage and symbolic functions and large scale use of materials. All assignments stress practical and aesthetic resourcefulness.

**Prerequisite:** Successful completion of Ceramics 1.

890 **Sculpture 1** – Sophomore/Junior/Senior (elective) – 1/2 credit/semester

This studio course introduces students to the fundamentals of sculpture. Tactile and visual perceptions are emphasized. Instruction extends to both traditional and contemporary form-making in a variety of materials and techniques. Sculptural issues include the recognition and construction of space and form, movements, scale, weight, balance, organic and geometric qualities. A variety of media are explored. These include wood, clay, metal, balsa, plaster and mixed media.

891 **Sculpture 2** – Junior/Senior (elective) – 1/2 credit/semester

This course is a further development of Sculpture 1.

891A **Advanced Sculpture** – Senior (elective) – one credit/full year

This is an independent portfolio class in sculpture.

**Prerequisite:** By arrangement with teacher.

895 **Art Portfolio** – Senior (elective) – one credit/full year

This independent program is designed for students who are considering a career in art and have completed two or more years of studio courses. Projects extend to all media with emphasis on individual style, and mastery of composition. Students are required to assemble projects for an art portfolio and to prepare a slide presentation of their work. Exploring scholarship opportunities in various art schools is also encouraged.

898 **Theatre Performance** – Sophomore/Junior/Senior (elective) – 1/2 credit/semester

The Theatre Performance class is designed to give students the basic elements and techniques of acting and the theatre process. Learning will be facilitated through lectures, acting exercises, film analyses, and group projects and exercises relating to all aspects of the theatre and stagecraft. The class meets four times per cycle, two classes each devoted to lecture and lab. Students are required to participate in a final showcase performance of scenes that have been studied and rehearsed during lab time. This course fulfills the Fine Arts requirement.

899 **Fine Arts Survey** – Sophomore/Junior/Senior (elective) – 1/2 credit/semester

This course invites students to explore the processes by which history, techniques and compositions combine to create models of the world through art and music. A series of lectures, slides and demonstrations allows students to examine and define the relationships between both disciplines from a variety of cultures.
PHYSICAL EDUCATION

The Physical Education program at La Salle is made up of a semester of organized activities in gym and/or outdoor athletic facilities, and a semester of aquatics and water safety activities in the pool during two of a student’s four years at the school. Physical education at La Salle High School is intended to be a program that will provide the student with a means for proper physical, mental, emotional, and social development, and contribute to the healthy enjoyment of his life after high school. The program tries to take into account the needs of both the individual and the group, and as such, it permits each student to progress at his own level of ability.

900 Physical Fitness – Sophomore/Junior/Senior – 1/2 credit/semester

The Physical Fitness course focuses on cardiovascular and weight training in the La Salle fitness center. It counts toward satisfaction of the physical education requirement.

925 Physical Education/Aquatics 1 – Freshman – 1/2 credit/full year

These courses provide students with the proper techniques for physical development. These courses take into account the needs of both the individual and the group, and as such, permit each student to progress to his own level of ability. Students take one semester of gym and one semester of aquatics.

926 Physical Education 2 – Sophomore/Junior/Senior – 1/2 credit/full year

Upperclassmen fulfill the physical education requirement by doing one of the following: a) participate in an interscholastic sport at either the varsity or junior varsity level; b) participate in at least two intramural sports over the course of the academic school year. Failure to do either of the aforesaid will result in the student’s having to repeat the course. Seniors who have not taken a full credit of physical education may not receive the La Salle diploma.

922 Principles of Athletic Training – Sophomore/Junior/Senior (elective) – 1/2 credit/semester

This course is offered to those who have had an introduction to athletic training through personal experience or who have approval. The student will be exposed to the basics in prevention, identification and treatment of athletic related injuries. Hands-on experience will be the major source for evaluation. Each student will be required to give 10 hours a week after school in the trainer’s room and on the playing field. The course will also explore current techniques used in a variety of competitive sports and exercises. Practical work and written examinations will be used for evaluation. Sophomores and Juniors can use this course as a substitute for Physical Education.
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<tr>
<th>Subject</th>
<th>Course Name</th>
<th>Course #</th>
<th>Credits</th>
<th>Permission</th>
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<tr>
<td>Social Studies</td>
<td>World Civilizations 2</td>
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**Note:** For sophomores, the normal course load is 6.5 credits (six majors plus physical education). You may elect another half credit course. To elect more than an additional half credit, exclusive of music, you must have a Grade Point Average (GPA) of at least 2.5. If you choose a full credit elective, such as music or Latin, you will most likely not get any additional elective without giving up a lunch period.

**Student Signature:**

________________________________________________________________________________

**Faculty/Counselor Signature:**

________________________________________________________________________________
<table>
<thead>
<tr>
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Total Credits*  ____

*Do not count alternate choices as credits.

Note: Juniors carry a minimum of six credits. You may take an additional half credit in an elective. If you want more than 6.5 credits, not including music and Group Advisory, you must have a Grade Point Average (GPA) of 2.5.

Student Signature:
________________________________________________________________________________

Faculty/Counselor Signature:
________________________________________________________________________________
LA SALLE COLLEGE HIGH SCHOOL
COURSE REGISTRATION FORM
SENIORS 2005 – 2006

Student ___________________________ Homeroom ___________ Class of ___________

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Total Credits* ____

Note: Seniors must take a minimum of six credits. Those who wish to elect courses totaling more than six credits, exclusive of music, must obtain permission from your Guidance Counselor if their Grade Point Average (GPA) is below 2.5.

Student Signature: ____________________________________________________________

Faculty/Counselor Signature: __________________________________________________