

BAYSIDE ACADEMY
Curriculum Guide 2011-2012

Early Childhood Center

Lower School (Grades 1-4)

Intermediate School (Grades 5-6)

Middle School (Grades 7-8)

Upper School (Grades 9-12)

“Building our future ... one child at a time”

The Bayside Academy Curriculum Guide is written and compiled by the Faculty Advisory Committee. This summary of curriculum content and division schemas is designed to acquaint members of the Bayside Academy community with the academic mission of the school. The school provides a required curriculum to develop the skills and knowledge needed for college admission. In addition, a variety of electives is offered to broaden the student’s perspective and provide opportunities for creative pursuit. The final selection of a student’s course of study is a joint effort of the student, his or her parents, the school faculty and the administration.

Bayside Academy Curriculum Guide 2011-2012

INTRODUCTION

MISSION STATEMENT

Bayside's mission is to educate and develop the whole student, who, upon graduation is fully prepared to pursue higher education and who possesses high moral standards, a sense of responsibility, respect for self and others, and pursues excellence.

PHILOSOPHY

Bayside Academy is an independent co-educational day school that includes pre-three through twelfth grades. It is a non-profit organization governed by an elected Board of Directors. Tuition, fees and gifts support the school. The primary purpose of the school is to provide quality education with an emphasis on college preparation.

The school aspires to provide those resources of faculty, curriculum and environment that best enhance student opportunity for academic, moral, emotional, physical, spiritual and social development. Bayside should inspire and lead its students to become self-motivated and ready for the pursuit of future opportunities in education, the exercise of citizenship in a democratic society and the chance to serve the members of their community. Graduates of Bayside Academy should be men and women of honor and faith who are prepared for a successful college experience.

Each student will be viewed as unique so that special qualities may be recognized and developed. Emphasis will be given to developing those traits of character that lead to high moral standards, to a sense of responsibility, to respect for self and others, and to an enthusiastic pursuit of excellence.

OBJECTIVES

Bayside Academy seeks to provide:

- a college preparatory curriculum with requirements and electives that develop graduates academically qualified for college admissions and advanced studies.
- a developmental learning program designed to improve and enhance the motor and mental skills necessary to give each student an opportunity to learn to the best of his ability.
- facilities and teaching aids of the highest quality.

GOALS

- To prepare students for college
- To equip students with life-success skills of self-confidence, self-discipline, responsibility, and respect for the rights of others
- To instill in its students a love of learning

As an independent school, Bayside views itself as a service to the students and families of Bayside Academy.

With the realization of the school's goals and in recognition of the independent nature of the school, Bayside strives to achieve a cooperative relationship with Bayside families, emphasizing the separate but interrelated roles of school and parent in the educational and developmental growth of the children we share. Bayside views parents who are supportive of school personnel and policy and appropriately involved in their child's school as an essential ingredient of a successful student.

GRADUATION REQUIREMENTS

The following are graduation credit requirements:

English	4 units
Mathematics	4 units
Social Sciences	4 units
Natural Sciences	4 units
Foreign Language	2 units
Fine Arts	1 unit
Physical Education	1 unit
Computer	½ unit
Electives	<u>3 units</u>
Total	23 Units

Note: All students must have a minimum of six (6) subjects per semester.

THE ADVANCED PLACEMENT (AP) PROGRAM

Advanced Placement is a program of college-level courses and examinations for high school students. It is sponsored and coordinated by the College Board and Educational Testing Service. The Advanced Placement Program gives students the opportunity to pursue college-level studies while still in high school and to receive college credit upon entering college, depending on the institution's policies.

Bayside offers the following AP courses, which are enrollment driven.

Advanced Placement English Language and Composition
Advanced Placement English Literature and Composition

Advanced Placement Calculus (AB)

Advanced Placement European History
Advanced Placement U. S. History
Advanced Placement Government
Advanced Placement Macroeconomics

Advanced Placement Biology
Advanced Placement Environmental Science
Advanced Placement Chemistry

Advanced Placement French Language
Advanced Placement Spanish Language

Advanced Placement Art with concentrations in Drawing, 2-D, and 3-D

Admission to AP classes at Bayside is based upon faculty recommendation. The Faculty Advisory Committee consisting of Department and Division Chairs governs the process.

AP Examinations are administered on designated days in May throughout the world. In July, the grades are sent to the students and their schools. Taking the appropriate AP Examination is a required part of the curriculum and students are responsible for the test fee.

ACADEMIC ELIGIBILITY FOR PARTICIPATION IN ALL SCHOOL-SPONSORED EXTRA-CURRICULAR ACTIVITIES *

- A. If a student has two failing grades in courses, he/she will be ineligible for all of the next nine-week grading period.
OR
- B. If a student one failure, and if his/her overall academic average is below a 70.00 (69.99 or below), he/she will be ineligible for all of the next nine-week grading period. Only numerically graded courses are factored into the 70 average.
OR
- C. If a student has one failure, or his/her overall academic average is below a 70, he/she will be on probation for the entire nine-week grading period. An academic plan of remediation will be devised by the Head of the Middle School, the teacher(s) of the failed or affected class (es), the Athletic Director, the student, the parents of the student, and the coach/sponsor of the affected sport/activity. If at any time during the probationary period, the academic plan of remediation is not being followed, the student will immediately become ineligible for the remainder of the grading period. The ultimate decision will be at the discretion of the Headmaster. This policy does not apply to class field trips.
- D. Once a student gains eligibility, he/she is eligible for the remainder of the entire grading period.
- E. If a student becomes ineligible at the end of a semester due to a course that is a semester in duration, he/she will be ineligible for a minimum of nine weeks.

F. AHSAA ACADEMIC ELIGIBILITY REQUIREMENTS

- 1. Students entering the tenth, eleventh and twelfth grades must have passed during the last two semesters in attendance and summer school, if applicable, at least six (6) new Carnegie units with a minimum composite numerical average of 70 in those six (6) units.
 - a. Four (4) core curriculum courses must be included in those units passed and averaged. (English, mathematics, science and social studies are core curriculum courses).
 - b. Any student that accumulates more than four (4) units of core courses per year may earn less than the required four (4) core courses during the next school year and be eligible as long as the student remains on track for graduation with his/her class.
- 2. Students entering the eighth and ninth grades must have passed during the last two semesters in attendance and summer school, if applicable, at least five (5) new subjects with a minimum composite numerical average of 70 in those five subjects.**

*class field trips are not included in this policy

**A copy of the Alabama High School Athletic Association rules is available through the Athletic Director.

THE LEARNING PLACE

The Learning Place Program is offered to provide support services to students with learning differences. The program is designed to help these students function in the least restrictive academic environment. Once test data and records are on file, eligibility and placement determination will be made by a committee comprised of the Learning Place teachers, the Headmaster, the admissions director, and teachers involved with the student. Placement in the LP remains the option of the parents and the students after consultation with the eligibility committee. Placement is generally considered to be contractual for the semester. Placement for the following year will be re-assessed at the end of each school year.

The Learning Place program is designed to provide support services to students who have been identified through psychological and academic testing as having a learning difference. Students receive help in a variety of study skills to enhance their academic performance in the regular classroom. In addition, tutorial instruction in the various subject areas is also available. Periodic communication is maintained with parents and classroom teachers of LP students.

- In order to be considered for admission to the Learning Place, a student must meet all eligibility requirements for Bayside Academy and be enrolled as a student in the school.
- Potential students will be evaluated by LP staff prior to admission to determine if the LP is equipped to meet the individual needs of the student. The LP is for students with primarily academic problems. The staff of the LP is not equipped to handle emotional/behavioral difficulties.
- The following are requirements for placement in the Learning Place:
 - A. A recent (less than three years) psycho-educational evaluation by a certified psychologist or psychometrist. A copy must be on file in the Learning Place
 - B. An IQ that falls within the average or above-average range
 - C. A specific diagnosis in at least one of the following areas:
 1. Developmental Learning Disorder
 2. Attention Deficit Disorder
 3. Central Auditory Processing Disorder
- In accordance with state law, each student must have regular three-year re-evaluations by a certified psychometrist or psychologist in order to remain in the LP.
- Parents of students participating in the LP program must have sent the school copies of their child's evaluations by physicians reporting any visual, auditory, or physical deficits, allergies, hyperactivity, etc., and provide information about the need for any medication for such conditions.
- LP students will be evaluated on a yearly basis by LP staff and teachers to determine whether the LP can continue to be of benefit to the student. Students may be released from the LP if the student refuses to cooperate with classroom and/or LP teachers.
- Learning Place fees are not included in tuition.

BAYSIDE ACADEMY

**UPPER SCHOOL
2011-2012**



“Building our future ... one child at a time”

Bayside Academy Upper School

Upper School Philosophy:

The Bayside Academy Upper School provides a liberal arts curriculum, with each course contributing to the skill development needed for success in college. Along with a range of academic, artistic, and co-curricular offerings, the Upper School strives to promote opportunities for leadership, a commitment to service, and a sense of ownership and responsibility for the school. Students are prepared for citizenship in their larger community.

The Upper School faculty seeks to foster in their students the knowledge and intellectual skills necessary to respond to the complex problems of the modern world. Students are prepared to think comprehensively, analytically, and creatively as they find their place in society.

BAYSIDE ACADEMY HONOR CODE AND UPPER SCHOOL HONOR COUNCIL

The Bayside Honor Code is designed to promote high ideals of trust among students as well as between students and faculty. The mission of the Honor Code is to facilitate the free flow of academic thought in an atmosphere of personal responsibility, to enhance the growth and development of the individual, to increase the confidence between students and faculty, and to uphold the standards of excellence at Bayside.

Bayside Academy was founded upon ideals of personal honor and integrity. The Honor Code states: Upon my honor, I pledge I will not lie, steal, cheat, plagiarize, or assist others in such actions. Each test, quiz and examination will contain the following statement to be signed by the student: “I hereby pledge upon my honor that I have neither given nor received unauthorized aid on this examination.”

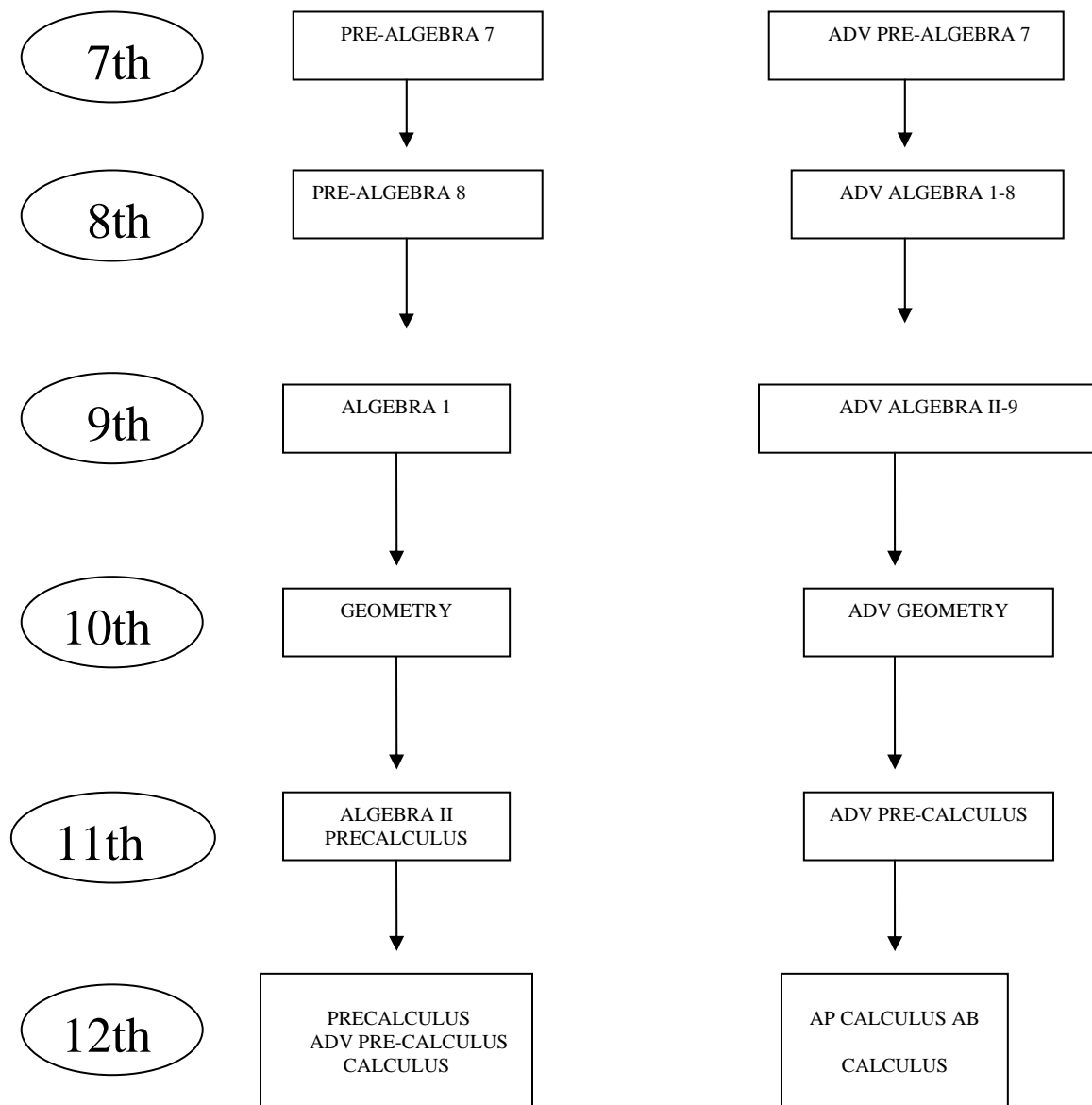
The Upper School Honor Council directs the Honor Code. The Honor Council is a self-governing organization of thirteen students and two faculty members. It is this Council that has the responsibility of reviewing Honor Code violations. Honor Council proceedings are confidential. The Honor Council will hear evidence, call witnesses, and make evaluations and present recommendations to the Headmaster. The procedures of the Honor Council appear in this Handbook. The final decision of any action to be taken ultimately rests with the administration of Bayside Academy.

UPPER SCHOOL CURRICULUM SCHEMA

GRADE 9	GRADE 10	GRADE 11	GRADE 12
ENGLISH 9 R	ENGLISH 10 R ADV ENGLISH 10 CREATIVE WRITING I (E) (SEM)	ENGLISH 11 R AP LANGUAGE and COMPOSITION 11 R CREATIVE WRITING I, II (E) (SEM)	ENGLISH 12 R AP LITERATURE and COMPOSITION 12 R CREATIVE WRITING I, II (E) (SEM)
ALGEBRA I R ADV ALGEBRA II-9	GEOMETRY R ADV GEOMETRY MATH THEORY (E) (2 nd SEM)	ALGEBRA II R ADV PRE-CALCULUS PRE-CALCULUS MATH THEORY (E) (1 st or 2 nd SEM)	INTERMEDIATE ALGEBRA R PRE-CALCULUS ADV PRE-CALCULUS AP CALCULUS AB CALCULUS MATH THEORY (E) (1 st SEM)
WORLD HISTORY I R	WORLD HISTORY II R AP EUROPEAN HISTORY	US HISTORY R AP US HISTORY AP EUROPEAN HISTORY PSYCHOLOGY (E) (SEM) HISTORY THROUGH LITERATURE (SEM)	AMER. GOV (SEM)/ ECONOMICS (SEM) R AP GOV (SEM) /AP ECONOMICS (SEM) AP EUROPEAN HISTORY PSYCHOLOGY (E) (SEM) HISTORY THROUGH LITERATURE (SEM)
BIOLOGY 9 R SCIENCE OLYMPIAD (E)	CHEMISTRY R ADV CHEMISTRY SCIENCE OLYMPIAD (E)	AP BIOLOGY R AP ENVIRONMENTAL SCI AP CHEMISTRY PHYSICS EARTH SCIENCE (YR) MARINE BIO (1 st SEM only) HMN ANAT/PHYS (2 nd SEM only) GENETICS (SEM) ECOLOGY (SEM) SCIENCE OLYMPIAD (E)	AP BIOLOGY R AP ENVIRONMENTAL SCI AP CHEMISTRY PHYSICS (AP PHYSICS TBD) EARTH SCIENCE (YR) MARINE BIO (1 st SEM only) HMN ANAT/PHYS (2 nd SEM only) GENETICS (SEM) ECOLOGY (SEM) SCIENCE OLYMPIAD (E)
SPANISH I R FRENCH I GERMAN I, II	SPANISH I, II R ADV SPANISH II FRENCH I, II FR ESSENTIALS II GERMAN I, II	SPANISH I, II, III ADV SPANISH III FRENCH III FRENCH I, II FR ESSENTIALS II GERMAN I, II	SPANISH II, III, IV AP SPANISH AP FRENCH FRENCH II, III FR ESSENTIALS II GERMAN II
DRAWING&COMPOSITION I PAINTING I CERAMICS I BAND (YEAR) CHORUS (YEAR) SPEECH DRAMA 1 (1 YEAR FINE ARTS REQ) All courses are SEM unless noted as year)	DRAWING&COMPOSITION I,II PAINTING I, II CERAMICS I, II MIXED MEDIA 2D MIXED MEDIA 3D COMPUTER ILLUSTRATION I BAND (YEAR) CHORUS (YEAR) SPEECH DRAMA 1,II	DRAWING&COMPOSITION I,II PAINTING I, II CERAMICS I, II MIXED MEDIA 2D MIXED MEDIA 3D COMPUTER ILLUSTRATION I AP STUDIO ART BAND (YEAR) CHORUS (YEAR) SPEECH DRAMA 1,II STUDIO DRAMA	DRAWING&COMPOSITION I,II PAINTING I, II CERAMICS I,II MIXED MEDIA 2D MIXED MEDIA 3D COMPUTER ILLUSTRATION I AP STUDIO ART BAND (YEAR) CHORUS (YEAR) SPEECH DRAMA 1,II STUDIO DRAMA
ATHLETIC TRAINING ATHLETIC PARTICIPATION FITNESS DEVELOPMNT (M)(F) DRIVER'S ED (1 YR PE REQ—all courses SEM)	ATHLETIC TRAINING ATHLETIC PARTICIPATION FITNESS DEVELOPMNT (M)(F) DRIVER'S ED	ATHLETIC TRAINING ATHLETIC PARTICIPATION FITNESS DEVELOPMNT (M)(F) DRIVER'S ED	ATHLETIC TRAINING ATHLETIC PARTICIPATION FITNESS DEVELOPMNT (M)(F)
COMPUTER APPLICATIONS INTRO TO DIGITAL ARTS WEB DESIGN (1/2 YR CMPTR REQ all courses SEM)	COMPUTER APPLICATIONS INTRO TO COMPUTER ART WEB DESIGN	COMPUTER APPLICATIONS INTRO TO COMPUTER ART WEB DESIGN	COMPUTER APPLICATIONS INTRO TO COMPUTER ART WEB DESIGN
JRNLSM/NEWSPAPER (E)	JRNLSM/NEWSPAPER (E) JRNLSM/YEARBOOK (E)	JRNLSM/NEWSPAPER (E) JRNLSM/YEARBOOK (E)	JRNLSM/NEWSPAPER (E) JRNLSM/YEARBOOK (E)

Note: Peer Counseling I and II are available for Juniors and Seniors: Students interview for the program in the spring of their sophomore year.

Mathematics Flow Chart (2010-2011)



**** Math placement is done by the Mathematics Department. Exceptions to the patterns found in the Mathematics Flow Chart are subject to departmental and administrative approval. An Intermediate Algebra course (12) is available as determined by the Mathematics Department. Students considering doubling up on math courses to advance in the math curriculum must do so in the sophomore year with the approval of the math department. Students may only double up in two standard or two advanced courses in order to stay in the appropriate math sequence.**

Math Electives: These courses may be taken in addition to the required mathematics course.

MATH THEORY 2 nd SEM (GRADE 10)	MATH THEORY 1 ST OR 2 ND SEM (GRADE 11)	MATH THEORY 1 ST SEM (GRADE 12)
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Upper School Curriculum Schema Notes 2011-2012

Requirements: All students must have **23 credits** to graduate which includes **18 academic credits** in Math (4), English (4), Social Studies/History (4), Science (4), and Foreign Language courses (2 of one language); 1 Fine Art, 1 PE, 1/2 Computer and 3 electives (students must take 6 courses per year).

All students enrolled in AP classes are required to take the AP examination and are responsible for the examination fee.

All courses are college preparatory unless noted as Advanced or AP. Recommendations for placement in mathematics courses as well as all Advanced and AP courses are dependent upon specific grade requirements in current and related subjects, achievement test scores, and work ethic. Students should confer with their teachers regarding their recommendations prior to making their course requests. Students wishing to enroll in courses for which they are not recommended will be asked to sign a waiver.

Creative Writing is an elective taken in addition to the grade level English course.

All students must complete Algebra I, Geometry, and Algebra II. Four years of upper school math are required. Math Theory is an elective taken in addition to the year long math course.

AP European History taken as a junior or senior is in addition to U.S. History (11) or Amer. Gov't/Econ (12). Psychology and History through Literature are electives taken in addition to US History (11) or Amer. Gov/Econ (12).

All students must complete Biology and Chemistry. Students seeking enrollment in AP Biology must have completed Biology and Chemistry. Chemistry must be taken in the sophomore year. Enrollment in Physics requires completion of Biology and Chemistry and enrollment in or completion of Pre Cal or Adv. Pre-Cal.

The Foreign Language requirement must be met with two credits in the same language.

The following courses are recommended to students seeking enrollment in Advanced Placement Art concentrations.

For **AP Drawing Portfolio**: Drawing & Comp I & II, Mixed Media 2D, Painting.

For **AP 2-D Portfolio**: Drawing & Comp I & II, Mixed Media.2-D.

For **AP 3-D Portfolio**: Drawing & Comp I, Ceramics, Mixed Media 3D.

Athletic Participation Credit: ½ credit of PE may be fulfilled through an Athletic Participation Credit. This one time, one semester credit is posted in the first year of the student's athletic participation as validated by the Athletic Director. Other PE credits are obtained through Dr Ed (must have numeric grade and certificate on file with the school), Athletic Training, or Fitness Development (Male / Female).

Beginning 2011-2012, Band counts as a PE credit and is graded on a non-numerical scale.

Student must complete ½ credit in computer. Students seeking to meet the requirement with a computer course other than Computer Applications must have the recommendation of the technology faculty.

ENGLISH DEPARTMENT

In order to enable students to reach their full potential, Bayside Academy offers a balanced curriculum, which includes the study of literature and communication skills. Each course incorporates all the language arts, reading, writing, speaking, listening, and critical thinking with literary selections that will increase the students' understanding of and appreciation for humanity. The English Department strives to provide a program of instruction designed to enable students to write clear, effective compositions on a variety of subjects, to use language clearly and proficiently both in writing and in speaking through increased vocabulary study, and to critically evaluate works of literature in all genres. Each course requires readings outside the scope of the classroom textbook both during the regular school year as well as during the summer months.

ENGLISH DEPARTMENT UPPER SCHOOL

ENGLISH 9

one credit

This freshman course engages students in the study of fiction, nonfiction, poetry, and drama. Students study elements of fiction and write in various modes in response to their reading and their experience. Vocabulary study is an integral component of the course, as is the study of grammar.

ENGLISH 10

one credit

This sophomore course is designed to give the student a greater understanding of prose, poetry, and drama through an emphasis on reading and vocabulary development skills. It is designed to help students learn to write coherent essays. Grammar is taught as deemed necessary in order to remediate problems in writing. Vocabulary study is an integral part of the curriculum.

ADVANCED ENGLISH 10

one credit

This sophomore course is an in-depth study of selected novels and selections from World Literature. Students develop their essay writing and research skills, which culminates in a research paper. Vocabulary development and application is a vital part of this course. Admission to the course requires departmental approval.

ENGLISH 11

one credit

This junior course involves the study of American literature of all types from the earliest writing to the most recent. It includes a focus on further development of reading and writing skills and an appreciation for the development of writing in America. Vocabulary study is an integral part of the program, and grammar is reviewed as deemed necessary in response to the students' written work.

AP LANGUAGE AND COMPOSITION 11

one credit

This junior course helps students become skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and skilled writers who compose for a variety of purposes. Students must take the Advanced Placement exam and are responsible for the testing fee. Admission to the course requires departmental approval.

ENGLISH 12

one credit

This senior course involves the study of British literature from its origins to the Twentieth Century. Its focus is on refining and expanding the reading, writing, and critical thinking skills learned in previous years so that each student is prepared for a successful college experience.

AP LITERATURE AND COMPOSITION 12

one credit

This senior course engages students in the careful reading and critical analysis of literature. Through the close reading of selected texts, students deepen their understanding of how writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style, and themes as well as elements such as figurative language, imagery, symbolism, and tone. Students are required to take the Advanced Placement examination and are responsible for the fee. Admission to the course requires departmental approval.

CREATIVE WRITING I, II

one-half credit

This one-semester class will provide students with an opportunity to develop a writing style and voice that reflects their view of themselves and their world. This course will take an individual, as well as a group, approach to writing essays, short stories, and poetry. Students will become effective critical and creative thinkers, self-directed learners, effective communicators, and creative producers. Through writing, they will begin a journey in which they obtain a better understanding of themselves and the world around them. Finally, as they pursue creative writing, they will not only become more skilled as writers, but they also will become better listeners, thinkers, and speakers.

MATHEMATICS DEPARTMENT

The Bayside Mathematics Department strives to instill mastery in mathematics giving students a background in math fundamentals along with experience in abstract problem solving. The mathematics program is designed to ensure all students have a firm knowledge of prerequisite concepts and skills before moving on to more advanced topics. The mathematics faculty is committed to helping all students develop critical reasoning skills and the ability to use mathematical arguments and logical reasoning to solve problems. Teachers stress real-life application and visual tools. The mathematics department strives to develop a broad understanding of the nature of mathematics by balancing the "how's" and "why's" of the subject matter.

MATHEMATICS DEPARTMENT UPPER SCHOOL

ALGEBRA I

one credit

This course must be taken before any other high school math course (some students will have successfully completed this course in eighth grade). Algebra I students study integers, solve linear equations and inequalities, work with exponents and polynomials, study factoring, graph linear equations, solve systems of equations, study radicals, and solve quadratic equations.

ADVANCED ALGEBRA II - 9

one credit

This freshman level course covers the same topics as Algebra II but in greater depth and with problems of greater difficulty. A greater level of abstraction is required and students will move through topics at an accelerated pace. Prerequisite: Successful completion of Algebra I-8 and the recommendation of the Math Department.

GEOMETRY

one credit

This sophomore course develops both inductive and deductive reasoning skills through the study of points, lines, planes, parallel lines, angles, polygons, congruent and similar polygons, right triangles, circles, constructions, areas and volumes of solids, and coordinate geometry. Prerequisite: Successful completion of Algebra I.

ADVANCED GEOMETRY

one credit

This sophomore course covers the same topics as Geometry but in greater depth and with problems of greater difficulty. Some analytic geometry may also be covered towards the end of the academic year. Students who are recommended for this course will have already completed Advanced Algebra II in the ninth grade. Prerequisite: Successful completion of Advanced Algebra II-9.

ALGEBRA II

one credit

This junior level course provides an extensive review of skills introduced in Algebra I. Students will begin work with more complicated linear and quadratic equations, inequalities, radicals, and polynomials. Algebra II students also study complex numbers, conic sections, and exponential and logarithmic functions and trigonometry. If time allows, Algebra II students may also study matrices, probability and statistics. Prerequisite: Successful completion of Algebra I.

PRE CALCULUS

one credit

This course provides more practice in algebra. In addition, it covers topics not usually covered in Algebra II (matrices, probability, for example). The course provides extensive study of trigonometry and is an excellent fourth year mathematics course for those students not needing the reinforcement of Intermediate Algebra or the more advanced Pre-Calculus. Prerequisite: Successful completion of Algebra I, Geometry, and Algebra II.

ADVANCED PRE-CALCULUS

one credit

This junior course is for those students who have completed Advanced Geometry and Advanced Algebra II – 9. Seniors may be admitted by teacher recommendation. This course provides extensive coverage of topics in algebra, trigonometry, and analytic geometry necessary for a solid foundation for the study of calculus. Emphasis is placed on the study of trigonometry, the study of functions, and on the study of graphing. Prerequisite: Successful completion of Algebra I, Geometry, and Algebra II

INTERMEDIATE ALGEBRA

one credit

Intermediate Algebra is provided for those senior students who require more background in algebra. It is a fourth year math course for those students who, after completing Algebra II, still need to strengthen their algebra skills. Prerequisite: Successful completion of Algebra I, Geometry, and Algebra II.

CALCULUS

one credit

While not as extensive as AP Calculus, this course covers the basics of calculus (limits, derivatives, integrals) and will provide excellent background for the first course of college calculus. Prerequisite: Successful completion of Algebra I, Geometry, Algebra II, and Pre-Calculus.

ADVANCED PLACEMENT CALCULUS AB

one credit

The AP Calculus course covers calculus topics comparable to courses in college. The calculus student will investigate and be able to apply the following topics: functions, graphs, limits, continuity, derivatives, integration, and applications of the derivative and the integral. Successful

completion of the Advanced Placement Examination could result in college credit. Prerequisite: Successful completion of Algebra I-8, Advanced Geometry, Advanced Algebra II-9, and Advanced Pre-Calculus.

MATH THEORY

one-half credit

This is a one-semester elective, which may be taken simultaneously with another full year math course. Students review topics from arithmetic, algebra, and geometry. Students then practice actual SAT and ACT tests. By learning to manipulate skills from many math disciplines, students improve their standardized test scores and gain confidence in learning to think mathematically. Prerequisite: Successful completion of Algebra I and at least one semester of Geometry.

HISTORY DEPARTMENT

The Bayside history faculty adheres to the following objectives: factual and age-appropriate literacy in each course's content area; an awareness of cultural, economic, and social historical trends; the development of historical research and writing skills; an exposure to and practice in oral communication skills; and a thorough preparation for history courses at succeeding levels of the Upper School and beyond.

HISTORY DEPARTMENT UPPER SCHOOL

WORLD HISTORY I

one credit

World History I provides an overview of world history from prehistory through the end of the Reformation. The course requires note taking, information mastery, interpreting maps, primary source analysis, critical essay writing, and outside reading. There is a comprehensive examination given each semester.

WORLD HISTORY II

one credit

World History II provides an overview of World history from the Reformation through the modern period. The course requires note taking, information mastery, interpreting maps, primary source analysis, critical essay writing, and outside reading. There is a comprehensive examination given each semester.

ADVANCED PLACEMENT EUROPEAN HISTORY

one credit

AP European History is an intensive inquiry into European history beginning with the Renaissance and extending to modern Europe. The course is offered to qualified sophomores and seniors seeking a challenging learning environment. Class work requires well-defined note taking skills, a mature vocabulary and a reading level appropriate for a college-level textbook, as well as an extensive time commitment outside of the classroom. Students are required to take the Advanced Placement European History examination. Admission to the course requires departmental approval.

U.S. HISTORY

one credit

U.S. History, taken in the junior year, covers American history from the colonial period through the modern era. This course requires note taking, information mastery, interpreting maps, primary source analysis, critical essay writing, and outside reading. Comprehensive examinations are given each semester.

ADVANCED PLACEMENT U.S. HISTORY

one credit

AP U.S. History is covers American history in detail from the colonial period through the modern era. The course is offered to qualified juniors seeking a challenging learning environment. Class work requires well-defined note taking skills, a mature vocabulary and a reading level appropriate for a college-level textbook, as well as an extensive time commitment outside of the classroom. Students are required to take the Advanced Placement U.S. History examination. A term paper is required during second semester. Admission to the course requires departmental approval.

PSYCHOLOGY

one-half credit

Psychology is a one semester elective offered in the history department. Topics include the fundamentals of general psychology, the physiology of the brain, mental disorders, personality formation, learning styles and the different schools of psychology. Students will write abstracts of journal articles, make class presentations, and hear a variety of guest speakers from different fields.

HISTORY THROUGH LITERATURE

one-half credit

History Through Literature, an elective course offered to approved juniors and seniors, analyzes themes of change and continuity in 20th century America. The course is offered to qualified juniors and seniors seeking a seminar environment. Class work requires substantial reading, proper note-taking skills, a strong background in English and History courses, and a steady commitment outside of the classroom. The final exam for this course will combine an essay on the works covered throughout the semester and a Final Project which will be turned in at the end of the term. Admission to the course requires approval from either the History or English department.

GOVERNMENT/ECONOMICS

one credit

The study by seniors of American Government includes but is not limited to the examination of the Constitution, the judicial, legislative, executive branches and separation of powers; and the relationship between federal and state government. A research paper and a semester examination are requirements for the course. Oral presentations are also required. This course will be taught one semester, with economics taught in the other semester. Economics is an introduction to economic theory, combined with the study of macro-and microeconomics.

Students learn the basic principles of capitalism in a mixed economy. A global perspective and contemporary issues in economics are emphasized.

ADVANCED PLACEMENT GOVERNMENT/ECONOMICS

one credit

AP Government and Economics are semester long courses of in depth study of the workings of the United States government and the processes of the U.S. economy with an emphasis on macroeconomics. Global perspectives and contemporary issues are part of the curriculum and in depth reading and analysis exercises are found in each unit of study. A research paper is required. Admission to the course requires departmental approval.

SCIENCE DEPARTMENT

The Science Department focuses on inquiry-based instruction and balanced subject matter in the four core sub-disciplines: life sciences, chemistry, physics, and earth/environmental sciences. The study of science promotes effective study habits and critical thinking. The department utilizes laboratory techniques that familiarize students with basic scientific principles and current research developments consistent with recommended college requirements. Independent study and self-learning opportunities are fostered whenever possible and through Science Olympiad to enhance a student's capabilities to pursue further work in areas of personal interest.

SCIENCE DEPARTMENT UPPER SCHOOL

BIOLOGY

one credit

The Biology course begins with a study of ecology, introducing the concepts of population dynamics, communities, and ecosystems. Bayside's campus is used extensively to provide outdoor laboratory opportunities. The focus then narrows to the individual cell: including molecules, the make up of living things, the parts of a cell, and the cell's life cycle. Cell reproduction then leads to the topics of human reproduction and genetics, and concludes with a study of molecular genetics including DNA replication, protein synthesis, and current topics in DNA research. The course also includes an extensive study of comparative biology. Biology is a required course for graduation.

CHEMISTRY

one credit

Chemistry is the study of matter and its transformations. It is a required course for graduation. The following themes are addressed: organization of matter; atomic structure, electron configuration of atoms, periodicity; mass-energy relationships; bonding theories; chemical reactions/equations, stoichiometry, oxidation-reduction; reaction rates and equilibrium; acid-base chemistry, kinetic molecular theory, gas laws; and the laws of thermodynamics. Major course objectives include the development of solid foundation in vocabulary, and problem-solving skills. Prerequisite: Biology

ADVANCED CHEMISTRY

one credit

Chemistry is the study of matter and its transformations. It is a required course for graduation. The following themes are addressed: organization of matter; atomic structure, electron configuration of atoms, periodicity; mass-energy relationships; bonding theories; chemical reactions/equations, stoichiometry, oxidation-reduction; reaction rates and equilibrium; acid-base chemistry, kinetic molecular theory, gas laws; and the laws of thermodynamics. The advanced course includes more extensive application of mathematics and the fundamental principles of physics are introduced. Laboratory experiments are quantitative in design (e.g. gravimetric methods, redox titrations, and calorimetric studies). Students interested in pre-medicine, pre-veterinary studies or research sciences are encouraged to take this course. Prerequisite: Biology

ADVANCED PLACEMENT BIOLOGY

one credit

AP Biology follows the College Board Advanced Placement curriculum for biology. Subject matter is organized with an emphases on cells and molecules (including biological chemistry, cell biology, and energy transformations), genetics and evolution (including molecular genetics, heredity, and macro-and microevolution), and an extensive study of organisms and populations (including a five-kingdom survey and population and ecosystem dynamics). Students also perform the twelve prescribed advanced placement labs which include genetic engineering of bacteria, DNA "fingerprinting," and measurement of photosynthesis through spectrophotometric analysis. Successful completion of the Advanced Placement exam may result in college credit. Prerequisite: Biology and Chemistry

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE

one credit

AP Environmental Science follows the College Board Advanced Placement curriculum for environmental science. This course provides students with the scientific principles, concepts, and methodologies required to understand the inter-relationship of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems and to examine alternative solutions for resolving or preventing them. Successful completion of the Advanced Placement exam may result in college credit. Prerequisite: Biology and Chemistry

PHYSICS

one credit

Physics includes the study of the standard topics of Newtonian mechanics, thermodynamics, wave motion, electricity, light/optics, and modern physics (e.g. Special Theory of Relativity). The course is designed as an application of mathematical skills acquired in Algebra II and Pre-

Calculus. Experimental observation of fundamental laws and theories is achieved through elaborate team lab projects. Students also utilize interactive software programs. Prerequisite: Biology, Chemistry, and Pre-calculus (completed or currently enrolled)

ADVANCED PLACEMENT PHYSICS

one credit

Advanced Placement Physics includes a more detailed study of the standard topics of Newtonian mechanics, thermodynamics, wave motion, electricity, light/optics, and modern physics (e.g. Special Theory of Relativity). The course is designed as an application of mathematical skills acquired in Algebra II, Trigonometry, and Pre-Calculus. Experimental observation of fundamental laws and theories is achieved through elaborate team projects, one per quarter, which is submitted with a formal written report. Students also utilize interactive software programs. Prerequisite: Biology, Chemistry, and Calculus (completed or currently enrolled).

HUMAN ANATOMY AND PHYSIOLOGY

one-half credit

Anatomy and physiology is a one-semester course that focuses on the human body. The approach is a system-by-system survey that considers anatomy; at the cellular and gross levels and relates these topics to function. Laboratory exercises include microscopic study of tissue samples as well as work with models of structures such as the skeleton and heart. Each student makes a presentation to the class on one particular system on which he is the class expert.

GENETICS

one-half credit

Genetics is a one-semester introduction to one of the most exciting fields in modern biology. The study begins with classic Mendelian genetics and the variations of Mendel's laws that have been discovered since his work was re-discovered. A study of DNA structure and function and of chromosome behavior provides an explanation at the molecular level for the laws of inheritance. The focus then shifts from the individual to populations with a look at gene frequencies and Hardy-Weinberg calculations, leading to the role of genes in the evolutionary process. The final topic embraces the many aspects of current genetic technology, including genetic engineering, gene therapy reproductive technology, and the human genome project. Laboratory activities include breeding and growth experiments with both the classic fruit flies and plants.

MARINE BIOLOGY

one-half credit

Marine Biology at Bayside is a one-semester course that takes an ecological approach to the study of marine life. Marine ecosystems are surveyed starting with the shallow waters of the estuary and proceeding through littoral, neritic, reef, and benthic communities. For ecosystem studies, topics covered include the physical properties of the habitat and organisms' adaptation to that environment. Bayside's bay front location provides an ideal opportunity for hands-on study of sampling techniques and estuarine organisms. Each student completes a major project in which he does a research paper on the marine organism of his choice, makes a three-dimensional model of that organism, and concludes with a project presentation to the class.

ECOLOGY

one-half credit

Ecology is a course that enables students to develop an understanding of the natural environment and the environmental problems the world faces. Students will investigate fundamental ecological principles, human population dynamics, natural resources, energy sources and their use, human interaction with the environment and personal and civic responsibility. Concepts from Biology and Chemistry will be applied with particular emphasis placed on local environments.

EARTH SCIENCE

one credit

Earth Science is a full-year course open to juniors and seniors who have completed the biology and chemistry requirements. There are no math requirements. Units of study include: Earth's History; Earthquakes, Volcanoes, and Plate Tectonics; Geology (with emphasis on Alabama); Water Cycle and Groundwater Systems; Weather and Climate; Physical Oceanography; Energy and the Environment; Earth and Space (Astronomy).

SCIENCE OLYMPIAD

one credit

Science Olympiad is a national program of competitions in a variety of science-related topics. There are events emphasizing laboratory skills, academic knowledge, and building/engineering of structures and devices. While a class not required for participation in the competition, students who take this preparation course may earn an elective credit. This course does not count as one of the four science credits needed for graduation. Class time is used for work leading to effective team and individual performance. There is no exam, but students are expected to participate in the regional competition as well as further competitions if the term qualifies for them.

FOREIGN LANGUAGE DEPARTMENT

The Foreign Language Department seeks to develop student proficiency in communicating effectively in a second language. In all language classes and at all levels, the focus is on using the language in authentic and meaningful situations, incorporating the basic skills of listening, speaking, reading, and writing into the larger goal of communication. Grammar, vocabulary, conversation and culture are found in each unit of study. Possessing a second language is not only the mark of a well educated person but can impact the college admission process as well. Students are encouraged to take the maximum sequence of courses available to them. The selection of a language should be based on the student's interest, the potential to utilize the language, and future college and career goals. Students may also pursue study in two languages.

FOREIGN LANGUAGE DEPARTMENT UPPER SCHOOL

SPANISH I

one credit

Spanish I is the introductory course in the Spanish language series. The curriculum includes general vocabulary and expressions, verb conjugations, and fundamental sentence structure. All four language skills-listening, speaking reading and writing- are developed and practiced in all phases of the course. Cultural themes, geography, and history are integrated throughout the curriculum in order to develop an awareness of the Hispanic culture and people.

SPANISH II

one credit

Spanish II, the second course in the Spanish language series, begins with a comprehensive review of Spanish I. This serves as the foundation for the more extensive vocabulary and idiomatic expressions and the more complex verb tenses and grammatical structures of Spanish II. The use of all four language skills and the integration of cultural themes, geography, and history are continued throughout the curriculum. Prerequisite: Spanish I or its equivalent

ADVANCED SPANISH II, III

one credit each

Advanced Spanish II and Advanced Spanish III are courses designed for students who wish to continue the study of Spanish beyond the minimum graduation requirements. This course will be taught in a more challenging and faster pace. Students are expected to use Spanish most of the time. Extensive vocabulary and more complex verb tenses and grammatical structures will be acquired. They will also broaden their knowledge of Spanish culture, history, art and literature. Students will expand and refine their skills in listening, writing, reading and speaking. This course will provide a basic foundation for the study of Advanced Placement Spanish Language. Prerequisite: Successful completion of Spanish I or II and permission of the head of the department.

SPANISH III, IV

one credit each

Spanish III and IV are advanced elective courses, which give the serious language student an opportunity to continue the study of Spanish language. Students learn advanced vocabulary and grammar. Students refine and expand their skills in understanding, speaking, reading and writing Spanish. Students should be aware that communication and interacting in the target language is the main goal, and thus are expected to use Spanish when in the classroom. Reading selections include both authentic texts from contemporary periodicals and short literary selections by native authors from variety of periods. Writing exercises include literary interpretation and original composition. Prerequisite: Successful completion of Spanish II or III and permission of the head of the department.

ADVANCED PLACEMENT SPANISH

one credit

This college-level course is taught in the fourth and final year of Spanish. Students comprehensively review all grammar structures and continue to emphasize oral, listening, reading and written proficiency. At the end of the course, students will be able to communicate with high accuracy and fluency both orally and in writing, and they may receive college credit through the Advanced Placement Examination and/or be eligible to begin Spanish in college at a more advanced level. Prerequisite: Successful completion of Advanced Spanish II, Spanish III and permission of the head of the department.

FRENCH I

one credit

French I students will learn the basic vocabulary and grammatical structures. They will write frequently in an effort to develop writing proficiency. Constant exposure to French in the classroom will help the beginning of oral proficiency.

FRENCH II

one credit

In French II, students will continue to develop their vocabulary and grammatical knowledge. Students will improve their writing skills. The extensive exposure to the language in the classroom will improve their oral proficiency. Cross-cultural comparisons will help expand their horizons and will facilitate learning. Prerequisite: French I or its equivalent.

FRENCH III

one credit

French III emphasizes the refinement of speaking and writing skills. Students write frequently, read, and discuss a wide range of French literature. This allows them to gain insight into literary works and authors and to learn more about French history and geography. Previously learned grammatical structures and reviewed and new ones are introduced. The emphasis on oral proficiency continues. Prerequisite: French II or its equivalent.

AP FRENCH

one credit

This college-level course is taught in the fourth and final year of French. Students comprehensively review all grammar structures and continue to emphasize oral and written proficiency. At the end of the course, students will be able to communicate with high accuracy and fluency both orally and in writing, and they will therefore be able to start French in college at a more advanced level. Prerequisite: French III and the permission of the head of the department

GERMAN I

German I offers students an introduction to German language and culture. Students will learn basic vocabulary and grammatical structures. Students will practice reading and writing as well as conversation in German.

one credit**GERMAN II**

German II is a continuation of German I. Students will continue to develop German language proficiency and an appreciation for German culture, history and geography.

one credit**FINE ARTS DEPARTMENT**

The Fine Arts Department offers opportunities in both the visual and performing arts. The visual arts program is designed to develop students' visual perception, aesthetic awareness, critical judgment and historical perspective while teaching the skills and techniques of a variety of media. Courses are offered for both novice and experienced students with Advanced Placement courses providing the opportunity for further concentration culminating with a portfolio submission. Visiting artists and gallery exhibitions offer additional learning experiences for students. Through a sequential and developmental curriculum, students learn to analyze works of art while acquiring the skills of fine craftsmanship and exploring their own personal visions. Students should emerge with confidence in their own skills of self-expression as well as an informed appreciation of the expressions of others. Performing Arts courses encourage student exploration in music and drama and provide opportunities for students to perform in a variety of settings along with participating in competitions.

FINE ARTS DEPARTMENT UPPER SCHOOL**DRAWING AND COMPOSITION I**

Drawing is a basic in all visual arts education. This course will teach a student to "see" things differently and give the student the ability to record them with more accuracy. Using the philosophy of Betty Edwards and her book, *Drawing on the Right Side of the Brain*, the student develop his/her own style. A variety of methods and media further prepare the student for future study in Bayside's Visual Arts Program. Art history and art criticism are important elements of this course.

one-half credit**CERAMICS I, II**

The first course explores the possibilities of clay as a medium for creating sculpture and pottery. The course will stress various hand building techniques, glaze application and creative problem-solving skills. Ceramics II will refine the techniques learned in Ceramics I. Advanced students will develop a personal style, and produce larger and more challenging projects. Studio notebooks will be required and students will submit project proposals and schedules. The Drawing notebook will be used for planning and be part of the final grade. Prerequisite: Drawing and Composition I

one-half credit**DRAWING AND COMPOSITION II**

Students will continue to explore a wide variety of dry media (pencil, charcoal, graphite, pastel, crayon, conte) and wet media (pen and ink, water color, etc.). The teacher assigns projects during the first half of the course with students focusing on a media of choice in the second half. Students gain technical skills that will be helpful for the pursuit of an Advanced Placement portfolio. Prerequisite: Drawing and Composition I.

one-half credit**MIXED MEDIA 2-D**

Mixed Media 2-D is a form of art in which different media is combined into one work of art. This course will explore two dimensional art through the use and combination of a wide variety of materials, media and techniques. Students will be given the chance to explore their own self expression through techniques such as sculpture, installation, ceramics and the use of wire, wood, plaster, papier-mâché, clay and more. Prerequisite: Drawing and Composition I.

one-half credit**MIXED MEDIA 3-D**

Mixed Media 3-D is a form of art in which different media is combined into one work of art. This course will explore three dimensional art through the use and combination of a wide variety of materials, media and techniques to create works of art that are in the round. Students will be given the chance to explore their own self expression through techniques such as printmaking papermaking, journal making, photography, collage and more. Prerequisite: Drawing and Composition I.

one-half credit**PAINTING I, II**

The first course covers traditional painting techniques and introduces many innovative processes. Relying on the background the student built in Drawing and Composition, this class includes the use of a variety of painting media such as watercolor, acrylic, tempera and oils. Through art history the student study styles of painting that have had the greatest impact on the art world. Original works will be created using

one-half credit

exploration and interpretation of styles and concepts from former works. Painting II is a course for students who have secured the skills from Painting I and are ready to move on. Prerequisite: Drawing and Composition I

COMPUTER ILLUSTRATION

one-half credit

Computer Illustration is an introduction to the Corel Paint Program. Students will create original expressive paintings, animations and collages utilizing a variety of media including Corel Painter, Wacom tablets and pens, digital cameras, scanners, and traditional art media. It is a fine arts credit.

ADVANCED PLACEMENT STUDIO ART - DRAWING

one credit

This course is part of the College Board Advanced Placement Program that allows a high school student to receive college credit before enrolling in higher education. The student will create a high quality, working portfolio that consists of 45 or more works divided into three sections. The portfolio is mailed in the spring to the National Panel for evaluation. This class is designed for the serious art student. It requires many extra hours of self-motivated, disciplined work. Prerequisite: Drawing and Composition I, junior or senior standing, departmental approval. (Drawing and Composition II, Printmaking, and Painting are also recommended.)

ADVANCED PLACEMENT STUDIO ART: DRAWING, 2D DESIGN

one credit

This course is part of the National Advanced Placement Program that allows a high school student to receive college credit before enrolling in higher education. The student will create a high quality, working portfolio with a minimum of 36 works of art, which will be divided, into three sections. The portfolios are designed for students who are seriously interested in practical experience of art. Prerequisite: Drawing and Composition I, Junior or senior standing, departmental approval, submission of a summer portfolio. (Drawing and Composition II, Printmaking, Photography, and Mixed Media are also recommended.)

ADVANCED PLACEMENT STUDIO ART: DRAWING, 3D DESIGN

one credit

This course is part of the National Advanced Placement Program that allows a high school student to receive college credit before enrolling in higher education. The student will create a high quality, working portfolio with a minimum of 36 works of art, which will be divided, into three sections. The portfolios are designed for students who are seriously interested in practical experience of art. Prerequisite: Drawing and Composition I, Junior or senior standing, departmental approval, submission of a summer portfolio. (Ceramics, Sculpture, and Mixed Media are also recommended.)

CHORUS

one credit

The Admiral's Singers is a choral group singing in three and four part harmony. Students participate in music festivals offered for students in Alabama. They also have opportunities to audition for the Alabama All State Chorus. Concerts are given at the end of each semester and there are some performances off campus. This group will not be required to perform show choir songs (singing and dancing), however; students that are interested in show choir performance will be given opportunities to do so.

BAND

one credit

The Band will advance student instrumental skills and perform in a variety of settings. Previous experience is essential. There will be an emphasis on musical knowledge through theory and technical exercises along with individual and ensemble playing.

SPEECH I, II

one-half credit

These semester electives are designed to build essential skills in oral communication. One of the major goals will be to establish the need to carry into other courses and speaking situations good communications techniques. Various types of oral presentations are expected, and there is an emphasis on research, outlining, and logical development.

DRAMA I, II

one-half credit

These semester stage craft classes will be an introduction to all of the facets of theatre. They will study everything that is involved in putting on a show. Students will learn about the technical backstage and marketing sides of production as well as a brief history of the theatre along with the actual opportunity to learn acting skills.

STUDIO DRAMA SHOWCASE

one-half credit

This class will be primarily open to seniors with a pre-requisite being at least Drama 1. The class will consist of extensive acting work which ultimately will culminate in a showcase at the end of the semester. The students would be graded on their day to day work, but also analysis and scoring of scenes, with their final exam being the showcase presented to parents, students and faculty. This class would be one semester with half a fine arts credit.

TECHNOLOGY DEPARTMENT

The technology department offers required and elective courses in application, multimedia, and programming. The goal of the department is to prepare students for the use of computers in their future. Whenever possible the teaching is done with cross-curricular skills in mind. Student

portfolios are prepared with samples of the material they have learned to use. Computer courses encourage students to adopt an orderly thinking style so they may approach and then solve a problem in an efficient and replicable manner. This can be done effectively only by tapping a student's creativity. Students are continually reminded that problem-solving strategies can be employed across disciplines.

TECHNOLOGY DEPARTMENT UPPER SCHOOL

COMPUTER APPLICATIONS

one-half credit

The purpose of this course is to strengthen the knowledge and skills needed to use computers effectively in their upper school career. The computer skills include troubleshooting and care of a computer, email systems, operating systems, word processing, spreadsheets, multimedia presentation's (power point), using databases for research, using smart boards for presentation and on. These skills should be secure before taking other computer courses.

INTRODUCTION TO COMPUTER ART

one-half credit

This course will strengthen student skills in a variety of creative areas including desktop publishing, photo manipulation, introductory webpage design, movie making and editing, and animation. It is a computer credit.

WEB DESIGN

one-half credit

Students will develop their web design skills through this semester long intensive course in creating web pages.

PHYSICAL EDUCATION DEPARTMENT UPPER SCHOOL

The Physical Education Department provides a wide variety of physical activities for students of all abilities.

ATHLETIC TRAINING AND CONDITIONING

one-half credit

This course provides a sound program that contributes to the following four physiological areas: a) muscle strength b) muscle endurance c) flexibility and d) cardiovascular endurance. Various conditioning programs include circuit training, interval training, weight training, and isometric exercise.

DRIVER EDUCATION

one-half credit

This is a two-section course consisting of classroom instruction and actual driving experience. Classroom instruction consists of defensive driving, driving techniques, and variables to consider in everyday traffic situations. Students must have a valid learner's permit or driver's license in order to enroll in this class.

FITNESS DEVELOPMENT

one-half credit

This course provides a variety of physical activities including weight work, cardiovascular work, fitness ball, yoga and more. The development of healthy exercise habits and lifetime fitness is emphasized.

COUNSELING DEPARTMENT UPPER SCHOOL

PEER COUNSELING I, II

one credit

This program is an academic, credited course, and taught to select junior students who are interested in helping themselves and others. Once these students have completed the course their junior year, they implement their learned skills during their senior year. These special students are called Peer Counselors. Peer Counselor's primary goals are to assist all of Bayside Academy's student body with academic, personal and social needs.

JOURNALISM (OTHER) UPPER SCHOOL

JOURNALISM/YEARBOOK

one credit

This year long hands-on class studies the techniques and styles used in journalism as they design and produce the school yearbook.

JOURNALISM/NEWSPAPER

one credit

This year long hands-on class studies the techniques and styles used in journalism as they design and produce the school newspaper.

PLEASE NOTE THAT COURSE OFFERINGS IN EACH DEPARTMENT ARE SUBJECT TO CHANGE.