

MIRAMONTE HIGH SCHOOL COUNSELING OFFICE

REQUIRED COURSES.....FRESHMAN YEAR

E0001P..... ENGLISH 1
H0140P..... WORLD HISTORY/GEOGRAPHY
P0600N..... PHYSICAL EDUCATION/HEALTH

MATHEMATICS COURSE CHOICES (recommendation needed from current Math teacher)

M0451N..... ALGEBRA A
M0456P..... ALGEBRA B
M0453P..... ALGEBRA 1
M0460P..... GEOMETRY
M0460H..... HONORS GEOMETRY (teacher recommendation required)
M0470P..... ALG 2/TRIGONOMETRY
M0470H..... HONORS ALG 2/TRIG (teacher recommendation required)

WORLD LANGUAGE COURSES*

L0302P..... FRENCH 2
L0331P..... LATIN 1
L0341P..... SPANISH 1
L0342P..... SPANISH 2
L0351P..... MANDARIN 1

SCIENCE*

S0700P..... BIOLOGY (CO-ENROLLMENT IN GEOMETRY RECOMMENDED)

ELECTIVE COURSES*

V0901P..... ART 1
V0931P..... CONCERT BAND (NO AUDITIONS REQUIRED)
V0920P..... DIGITAL ARTS/WEB DESIGN
V0921P..... DRAMA 1
T0838E..... ENGINEERING DRAWING
T0810E..... FOODS 1
V0933P..... JAZZ ENSEMBLE (AUDITIONS REQUIRED)
E0075P..... JOURNALISM
V0940P..... MIXED CHORUS
V0971P..... ORAL INTERPRETATION 1
V0934P..... ORCHESTRA (STRINGS)
O0540N..... STUDY HALL (no credit given for this class; must be 7th class)
V0913P..... VIDEO PRODUCTION
I0262E..... YEARBOOK (PREREQUISITE: YEARBOOK in middle school and application)

A TYPICAL 9TH GRADE SCHEDULE

ENGLISH 1
WORLD HISTORY/GEOGRAPHY
PE/HEALTH
MATHEMATICS
FOREIGN LANGUAGE or ELECTIVE
BIOLOGY OR ELECTIVE
OPTIONAL:STUDY HALL/REQUEST FOR SEVENTH CLASS**

*Elective courses often fill up; therefore, alternate course choices are required.

**7 classes not guaranteed

FRESHMAN COURSE DESCRIPTIONS

Required Classes:

English 1

English 1 focuses on the study of fiction and non-fiction/informational reading materials, including novels, short stories, plays, essays, poetry, and informational documents. There is an emphasis on the writing process, the development of listening and speaking skills, and vocabulary development.

World History/Geography

World History and Geography is a study of the development of the modern world from 1750 to the present. The course focuses on the rise of democratic ideas with an emphasis on the following: Industrial Revolution, Imperialism, Colonialism, Nationalism, Totalitarianism, and World War I and II. The course also includes a focus on modern world crises and the historical interactions of regions of the world through a detailed study of China, Japan, India, Middle East and Latin America. Social studies research, analysis and writing skills are also emphasized.

PE 9

The 9th grade Physical Education course is designed to introduce students to a variety of activities that will build a foundation for making appropriate choices for physical well-being and fitness. Students also will fulfill the health requirement for graduation.

Math Classes

Algebra A

Algebra A is a standards-based course designed to prepare students to meet district and state standards in the first semester of Algebra 1. This course emphasizes development of algebraic skills and concepts necessary for students to pass the California High School Exit Exam (CAHSEE) and advance to Algebra B or Algebra 1 courses. Students will communicate mathematical thinking verbally and in written form, and apply the concepts of math to real-world situations.

Algebra B

Algebra B is a standards-based course designed to prepare students to meet district and state standards in Algebra. This course emphasizes development of algebraic skills and concepts necessary for students to pass the California High School Exit Exam (CAHSEE) and advance to other college preparatory math courses. Students will communicate mathematical thinking verbally and in written form, and apply the concepts of math to real-world situations. UC/CSU credit with the completion of Algebra A and Algebra B.

Algebra 1

Symbolic reasoning and calculations with symbols are central in algebra. Through the study of algebra, a student develops an understanding of the symbolic language of mathematics and the sciences. In addition, algebraic skills and concepts are developed and used in a wide variety of problem-solving situations.

Geometry

Geometry focuses on skills and concepts that are useful to all students. In addition to learning geometry skills and concepts, students will develop their ability to construct formal, logical arguments and proofs in geometric settings and problems.

Preferred Previous Course of Study: Algebra 1

Geometry Honors

This is a fast paced class for accelerated students and goes beyond the content of the regular geometry class. In addition to learning the skills and concepts of Geometry, students will develop their ability to construct formal, logical arguments and proofs in geometric settings and problems.

Preferred Previous Course of Study: Algebra 1 with grade of A and teacher recommendation

Algebra 2/Trigonometry

Algebra 2/Trigonometry complements and expands the mathematical concepts of Algebra I and Geometry. Students gain experience with algebraic solutions of problems including the solution of systems of quadratic equations, logarithmic and exponential functions, the binomial theorem and the complex number system. The course also applies algebraic and geometric concepts to trigonometric analyses.

Preferred Previous course of study: Successful completion of Algebra 1 and Geometry.

Algebra 2/Trig Honors

Algebra 2/Trigonometry Honors is a fast-paced class that complements and expands the mathematical concepts of Algebra I and Geometry. Students gain experience with algebraic solutions of problems including binomial theorem and

the complex number system. This course also applies algebraic and geometric concepts to trigonometric analyses. Algebra 2/Trigonometry Honors provides a greater depth of study beyond that of Algebra 2/Trigonometry.
Preferred Previous Course of Study: Algebra 1 and Honors Geometry

World Languages

French 2

This second-year language course enables students to develop intermediate proficiency in the language skills of listening, speaking, writing, and reading. Students also develop an increasing awareness of the idiomatic aspects of language, and continue to study the culture of countries using the language.

Recommended Previous Course of Study: successful completion of French 1

Latin 1

Latin 1 is an introductory course in which students begin the study of the Latin language, Roman culture, Roman mythology, and the Latin roots of modern European languages.

Mandarin 1

Mandarin 1 will introduce students to the language of Mandarin (listening, speaking, reading, and writing) and the Chinese culture, and give a basis for continued studies. By the end of the course, students will learn how to have short conversations in Mandarin; have a basic understanding of the components of Chinese characters; broaden their understanding of the Chinese culture; and introduce them in the use of a dictionary.

Mandarin 2

Mandarin 2 will broaden students' ability in the language of Mandarin (listening, speaking, reading and writing) and the understanding of the Chinese culture. It will enable them to read longer paragraphs and carry on extended conversations. By the end of the course, students will learn how to have extended conversations in Mandarin; further expand their knowledge of Chinese characters; and further expand their understanding of the Chinese culture.

Preferred Previous Course of Study: Mandarin 1 or equivalent experience

Spanish 1

This introductory course in foreign language provides students, who have no prior training in the language, an opportunity to develop basic listening, speaking, writing, and reading skills. In addition to functional language skills, students are provided an introduction to the culture of the countries whose language they are studying.

Spanish 2

This second-year language course enables students to develop intermediate proficiency in the language skills of listening, speaking, writing, and reading. Students also develop an increasing awareness of the idiomatic aspects of language, and continue to study the culture of countries using the language.

Recommended previous course of study: successful completion of 2 years of middle school Spanish with a B or higher grade.

Electives:

Biology

Biology is a study of life. Emphasis is placed on laboratory investigations that serve to introduce the concepts essential to the understanding of living things. Relationships in biochemical, cellular, and individual and community levels are explored in detail. This course meets the graduation requirement as well as college eligibility requirement for a biological science. Recommended for students who will be taking Geometry.

Art 1

Art 1 is a skills-based course in which students develop artistic perception, learn art history/cultural context and develop aesthetic valuing skills through drawing, painting and printmaking. Students create original artworks, using new and traditional media and techniques, as well as keeping a sketchbook/journal, doing outside gallery visits and reviews, and oral and written critiques of student, historical and contemporary artists. Students also are required to maintain portfolios of all their projects/assignments.

Concert Band

Concert Band is open to all students. There will be continued development of instrumental techniques and ensemble skills through the study of outstanding repertoire for Concert Band. The preparation process is the important component of the program, in that the performance of each student in the instrumental class is critically important to, and affects the performance of, every other student in the class.

Prerequisite: Audition required; minimum one year prior instruction, able to read music

Digital Arts/Web Design

Digital Arts/Designs for the Web is a college-preparatory, visual-arts course that integrates the California Visual Arts Standards and content areas in the humanities. This class will enable students to achieve an advanced understanding and appreciation of artistic expression and to use that expression to supplement and enhance communication. Students will create original digital arts projects using contemporary media techniques. Substantial outside research and reading are a part of the course curriculum. Students are required to keep design journals, critique their work and the works of others, maintain portfolios of their artwork and writing.

Drama 1

Drama 1 offers the new and continuing theatre student the opportunity to gain experience in dramatic arts through acting, technical theatre, and an exploration of theatre within an historical and cultural context. The student will develop skills in creative self-expression using a variety of methods. The student also will evaluate the informal and formal works of their own and others through both discussion and writing. The course provides an opportunity to develop competence in problem solving, communication skills, self-confidence, and self-discipline contributing to life-long learning and career skills.

Engineering Drawing

Engineering Drawing is a survey instructional program that prepares individuals to plan, prepare, and interpret mechanical and machine, architectural, civil, structural, piping, electric and electronic topographical, and other sketches; to use reproduction materials, equipment, and processes; and to develop, plan and process drawings. Also included in this course are elements of Architectural Design and Introduction to Computer-Aided Drafting. This course is the recommended pre-requisite for the CAD class as well as for Architectural Design

Foods 1

Foods 1 is the first course in a comprehensive standards-based culinary arts sequence. The class will enable students to understand basic nutrition, food preparation techniques, care and use of equipment, consumer education, entertaining, kitchen safety and sanitation.

Journalism 1

Journalism students will expand their English/Language Arts and visual arts skills through creating and publishing the school newspaper. Students are required to write monthly assignments for the newspaper and other class projects. They practice varied forms of journalistic writing including news, features, and sports stories, as well as reviews and editorials. Students learn laws and ethical standards related to journalism. In the process of writing their stories, laying out newspaper pages, and designing advertising, students learn to use specialized software for word processing, page layout, and graphic design. This course is designed for students who are interested in refining their writing skills as well as exploring careers in journalism. Pre-Requisites: teacher approval.

Leadership

The Leadership class is designed to engage students in shaping a positive campus environment and culture, and to develop students' sense of social and civic responsibility. Students will develop leadership and management skills including: organization, goal setting, communication, problem solving and decision making. Students will use these skills to plan and implement student activities on the school campus. In order to be in leadership, students must interview for positions or run for office. Freshman officers are selected through the interview process.

Mixed Chorus

Choral Performance 1 is a beginning to intermediate choral group which performs many times throughout the year. Music of many styles, from renaissance through contemporary will be performed. In addition, basic training in music reading, vocal and breathing techniques, and music appreciation will be included. Although intended primarily as an introductory choir, experienced singers are also welcome.

Oral Interpretation

Oral Interpretation is the art of reading, researching, analyzing, interpreting, and performing through the use of voice and body. This course will offer students opportunities to interpret published works as well as to study rhetoric to create and enhance their own works for performance. Students also will be critically assessing and analyzing oral interpretations by professional performers and speakers. The course offers students an opportunity to perform outside the classroom at community and school sponsored events. This course teaches life-time skills in a performance-based setting.

Orchestra (strings)

Orchestra offers the opportunity for string players to study and perform music of many styles and musical periods, develop techniques, and participate in a variety of group and ensemble experiences. The preparation process is the important component of the program, in that the performance of each student in the instrumental class is critically important to, and affects the performance of, every other student in the class.

Previous experience on a string orchestra instrument required.

Video Production 1

Video Production 1 is a college-preparatory, interdisciplinary approach to the visual arts. This course builds on student's proficiency in photography, creative writing, and design concepts. The class integrates research and writing techniques with artistic creation and expression as outlined in the California Visual and Performing Arts Framework. Students achieve an advanced understanding and appreciation of video used as a tool in artistic expression. Students integrate, create and communicate artistic design using video production techniques.

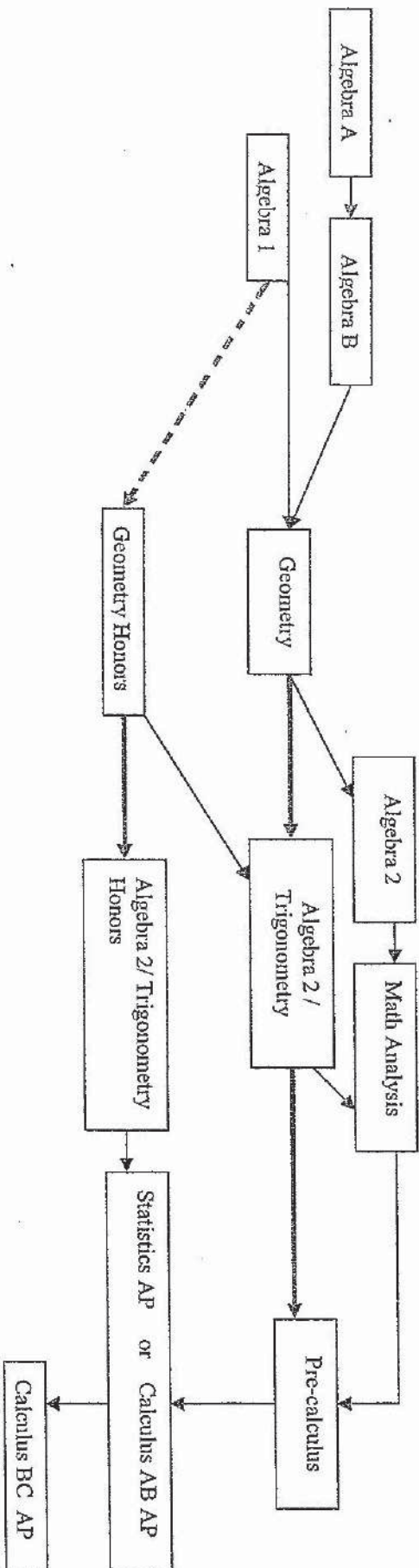
Yearbook

Students participate in all phases of planning and designing the school yearbook, including: overall design, artwork, photography, copy writing, layout, organizing and writing. Important aspects of the course include meeting strict deadlines, working with a clear set of priorities, aesthetic judgment, cooperation with other students and community representatives and practicing effective leadership.

Study Hall

Study Hall is for students who feel the need for a supervised period during the regular school day in which they can complete homework and daily classroom assignments. Regular attendance is required if a student selects this program. No credit is given for study hall. Student must sign up for 6 classes in addition to study hall.

Miramonte High School Math Courses



Note:

1. The dotted arrow is only advised for students who took Algebra 1 at OIS and are recommended by their math teacher.
2. The thicker arrows indicate progression for students who get an A or B grade and are recommended by their math teacher in the previous course.