

BERKMAR HIGH SCHOOL

Freshmen

Elective Choices

2013-2014

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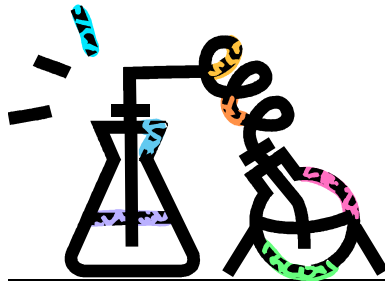
SCIENCE

Environmental Science – 2 Semesters

Prerequisites: None

Grades: 8 – 12

CP Environmental Science is the study of relationships and connections on Earth. This course focuses on concepts from the natural sciences (biology, chemistry, geology) and social sciences (economics and sociology) to explain how the earth works and how we as humans impact the earth. The course emphasizes how all living and non-living things are connected. During your studies you will be required to read, analyze, synthesize, write, and express opinions constructively. Both as a precursor and alternative to the AP course in Environmental Science, this course is designed to be an introductory high school course in environmental science. You will be assigned some outside scholarly readings, participate in many lab and field investigations (always be prepared to head outside!), and be required to write critically about environmental issues (scientific, social and political).



PHYSICAL EDUCATION

INTRODUCTION TO HEALTH - 1 Semester

Prerequisites: None ****Required for Graduation**
Grades: 8-12

This course is a graduation requirement designed to offer a practical approach to health topics that concern adolescents. The course covers knowledge and skills necessary for personal health and well-being and the prevention and treatment of injury. Additional information covered includes disease prevention, relationships, consumer health, the life cycle, and preventing abuse of tobacco, alcohol and drugs.

INTRODUCTION TO LIFETIME FITNESS - 1 Semester

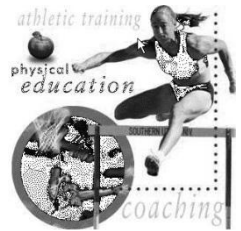
Prerequisites: None ****Required for Graduation**
Grades: 8-12

This course is a graduation requirement and a prerequisite to all elective physical education courses. The course provides students with the basic knowledge and understanding that physical fitness, exercise, and diet are essential in developing and maintaining a healthy lifestyle. **There is no waiver for this course as a graduation requirement for a regular education diploma.**

TEAM SPORTS – 1 Semester

Prerequisites: Lifetime Fitness and Health
Grades: 8-12

A variety of team sports may be covered in this class. Some are Flag Football, Volleyball, Basketball, Softball, and Whiffleball. In addition, this class contains some elements of physical conditioning.



LIFETIME SPORTS – 1 Semester

Prerequisites: Lifetime Fitness and Health
Grades: 8-12

A variety of team sports may be covered in this class. Some are Soccer, Team Handball, Floor Hockey and Ultimate Frisbee. In addition, this class contains some elements of physical conditioning.

PHYSICAL EDUCATION

AEROBICS - 1 Semester

Prerequisites: Lifetime Fitness and Health

Grades: 8 -12

Aerobic or cardio-respiratory endurance is one of the most important components of personal fitness. In this class, a variety of aerobic exercise modes (walking, jogging, dance aerobics, cardio-kicking, rope skipping, weight conditioning, lateral training, and circuit training) may be used to improve individual fitness.

BODY SCULPTING – 1 Semester

Prerequisites: Lifetime Fitness and Health

Grades: 8 -12

This course provides basic instruction in methods to define, condition, and reshape the body through specific exercises. Topics covered through this overall conditioning program are weight training, conditioning exercises, proper nutrition, muscle definition, posture, physical response to exercise, and weight control. A variety of equipment, training methods, and nutrition discussions will be used to provide a healthy means to redefine and shape the body.

LANGUAGES

Freshmen who are college bound should be encouraged to take a language in their freshman year in order to take the AP level French, Spanish or Latin classes.

Most colleges require that students have at least 2 years of a foreign language and many require 3 for college entrance. Sophomore college bound students who have not started their language curriculum must seriously consider these requirements.

Many fun cultural activities are offered through all language courses, such as cooking, role playing, club activities and opportunities to meet others from far away places who are studying a language too.

FRENCH I – 2 Semesters

Grades: 8-12

Oh, la la!! VIVE LE FRANÇAIS! Through realistic use of the language, the student will learn to communicate by speaking and writing on a variety of everyday topics and will gain cultural knowledge of French-speaking countries. Forty to fifty percent of English vocabulary comes from French so learning French will also give you a better understanding of your own language. When employers and universities look at applicants, they do not start looking at the bottom of the list to see who has done only the minimal amount of requirements necessary or taken the easiest route available, they start at the top of the list and look for those students who have risen above the rest. High school students should consider studying at least four years of a foreign language. College students should seek to earn a minor in French or have French as a primary or secondary major. With French they have access to the most widely spoken foreign language in the world after English and they become familiar with a culture that significantly influences our own. The French economy is one of the strongest in the world and is increasingly a leader in technological innovation. In sum, French is the language of the future.

LATIN I – 2 Semesters

Grades: 8-12

Students will begin to develop the ability to read classical Latin through a reading approach method. This reading approach minimizes the traditional method of learning Latin by memorization of paradigms. Instead students will begin reading adapted Latin stories set in ancient times. These stories will incorporate various aspects of Roman culture and practices, develop a sound vocabulary, and prepare students for the study of grammatical concepts. At the end of the first year of Latin, students will increase their English vocabulary through the abundant study of English derivatives and develop a stronger understanding of English grammar and syntax. Both Unit I and Unit 2 of the Cambridge Latin Course are used in this first year.



LANGUAGES

SPANISH I – 2 Semesters

Grades: 8-12

Through realistic use of the language, the student will learn to communicate in oral and written form on a variety of everyday topics and will gain cultural knowledge of Spanish-speaking countries.

Spanish I students will study all aspects of the Latino culture. Students will learn how to communicate both orally and through written word on such topics as friends, school, food, shopping, travel, and much more. Take Spanish I and be able to impress your Latino friends with new knowledge of the language and the culture!

SPANISH FOR NATIVE SPEAKERS I – 2 Semesters

Level I Placement testing.. This puts students on track for taking AP Spanish earlier than most students.

Grades: 8-12

Topics Covered: Listening, speaking, reading and writing.

This course provides native speakers an opportunity maintain oral competency in the Spanish language and to acquire a more sophisticated level of competency in reading and writing.

FINE ARTS ELECTIVES

MUSIC-CHORAL

BEGINNING CHORUS – 2 Semesters

Grades: 8-12

This Chorus is for anyone new to the Berkmar Choral Program.

Beginning/Intermediate Music Theory / Sight Singing Techniques

Beginning/Intermediate Vocal Production / Ensemble Rehearsal Techniques

After-School Rehearsals/Performances are required

INTERMEDIATE CHORUS – 2 Semesters

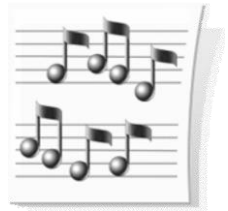
Grades: 8-12

This Chorus is for Sopranos/Altos (Girls Only) New to Berkmar Chorus

Beginning/Intermediate Music Theory for Girls / Sight Singing Techniques

Beginning/Intermediate Vocal Production / Ensemble Rehearsal Techniques

After-School Rehearsals/Performances



ADVANCED CHORUS – 2 Semesters

Grades: 8-12

This Chorus is for Tenors/Basses (Boys Only) New to Berkmar Chorus

Beginning Music Theory for Boys / Sight Singing Techniques

Beginning Vocal Production / Ensemble Rehearsal Techniques

After-School Rehearsals/Performances

MUSIC-HANDBELL ENSEMBLE

HANDBELL ENSEMBLE – 2 Semesters

Prerequisites: Teacher Recommendation

Grades: 8-12

This ensemble requires some music reading skill / theory knowledge.

Intermediate/Advanced Music Theory

Ringling Techniques / Ensemble Rehearsal Techniques

After-School Rehearsals/Performances are required



FINE ARTS ELECTIVES

MUSIC-BAND

ADVANCED BAND – 2 Semesters

Prerequisites: AUDITION ONLY

Grades: 8-12

This Band is for WIND and Brass instruments

Advanced Music Theory / Sight Reading Techniques

Advanced Tone Production / Ensemble Rehearsal Techniques

After-School Rehearsals/Performances



ADV SYMPHONIC BAND – 2 Semesters

Prerequisites: AUDITION ONLY

Grades: 8-12

This is for PERCUSSION instruments only.

Advanced Music Theory / Sight Reading Techniques

Advanced Tone Production / Ensemble Rehearsal Techniques

After-School Rehearsals/Performances

MUSIC- ORCHESTRA

BEGINNING ORCHESTRA – 2 Semesters

Grades: 8-12

This class is open to ANY student wanting to learn a string instrument from the very beginning. Students may choose from violin/viola/cello/bass. Instruments are provided at no cost. This class is also offered to current orchestra students wishing to learn an additional instrument. No musical background required!

INT CONCERT ORCHESTRA – 2 Semesters

Grades: 8

Be Orchestra is reserved for incoming freshman who have been in Orchestra in Middle School.

Beginning/Intermediate Music Theory

Sight Reading Techniques / Ensemble Rehearsal Techniques

Review of Basic String Playing Skills



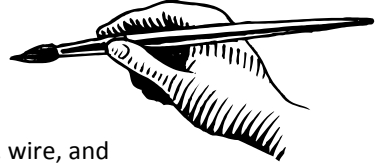
FINE ARTS ELECTIVES

VISUAL ARTS

2D ART – 1 Semester

Grades: 8-12

Elements and Principles of Art, Art History, Drawing: Perspective, Value, Line, Form, color Painting: watercolor and acrylic, pastel painting.



3D ART – 1 Semester

Grades: 8-12

Beginning studio techniques for sculpting clay, plaster, wire, and paper. Art history and Art Criticism. Shows at both the local school level and the county level.

THEATER

INTRO TO THEATER – 1 Semester

Grades: 8-12

Students will study the history of theater, the structure of drama stage settings, voice and fiction, and types of drama production.

ACTING – 1 Semester

Prerequisites: Intro to Theater

Grades: 8-12

Students will acquire skills in role analysis, character development, vocal techniques, and communication of a text. Students solve theatrical problems through knowledge of cultural, social, and political aspects of the setting.

DANCE

INTRO TO DANCE – 2 Semesters

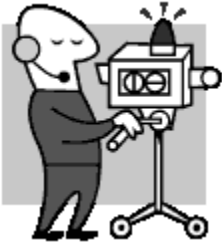
Grades: 8-12

Explore origins and history of various dance forms such as ballet, jazz, modern and hip hop. Define basic terminology of dance forms through movement. Learn basic dance phrases and sequences. Develop choreography skills. Utilize technique and performance skills in public performance.

VOCATIONAL EDUCATION

VIDEO

BROADCAST/VIDEO PRODUCTION I - 2 Semesters



Grades: 8-12

This is an introductory course to the world of video production. Video production consists of movies, television, sports broadcast, and video marketing. Students learn the fundamentals of developing movies and all three phases of video production. Students will develop movies and commercials on many topics. Students will film events at Berkmar (Football, Basketball, Plays, etc.) to learn about the live production process.

TECHNICAL EDUCATION

INTRO ENGINEERING DRAWING & DESIGN—2 Semesters

Grades: 8-12

Introduction to Engineering Drawing and Design is a foundation course that serves as an introduction to the drafting and design field and is a prerequisite to all other courses in the Engineering Drawing and Design program. Emphasis is placed on safety, geometric construction, fundamentals of Computer-Aided Drafting, and multi-view drawings. Students learn drafting techniques through the study of geometric construction at which time they are introduced to computer-aided drafting and design. Animation is introduced.

VOCATIONAL EDUCATION

MARKETING

MARKETING PRINCIPLES – 2 Semesters

Grades: 8-12

Marketing Principles is the foundational course for all pathways in Marketing Education. Marketing Principles addresses all the ways in which marketing satisfies consumer and business needs and wants for products and services. Students develop an understanding of the functions of marketing and how these functional areas affect all businesses. They learn basic marketing concepts and the role of marketing in our economy. Students also develop skills in applying economic concepts to marketing, distribution and logistics, marketing information management, finance in marketing, product/service planning, pricing mixes, promotional strategies, and personal selling.

FOOD AND NUTRITION

FOOD NUTRITION & WELLNESS – 2 Semesters

Grades: 8-12

This course is essential in understanding nutritional needs and food choices for optimal health of individuals across their life span.

The advanced nutrition pathway leads students to develop a knowledge base necessary to select among alternatives in the marketplace.



INTRODUCTION TO CULINARY ARTS -2 Semesters

Grades: 8-12

Learn about the Culinary Arts through hands-on study in the classroom. Discover different jobs that you can get within the industry

VOCATIONAL EDUCATION

COMPUTING



COMPUTER APPLICATIONS I – 2 Semesters

Grades: 8-12

This course provides an understanding and application of social, ethical, and human issues related to technology. The course will also provide an introduction to computer technology, decision-making, productivity, communications, and problem-solving skills. Areas of instruction include computer applications and integration of word processing, desktop publishing, spreadsheet, database, and presentation software.

COMPUTING IN THE MODERN WORLD - 2 Semesters

Grades: 8-12

This course provides students with an introduction to the principles of computer science and its place in the modern world. Students gain a fundamental understanding of the operation of computers, networks and software. Simple algorithms will be introduced as well as developing Web pages to include images, sound, and text. A working understanding of the internet, common formats for data transmission and designing human-computer interfaces will be explored as will the ethical use of computer systems.

Financial Literature – 2 Semesters

Grades: 8-12

In this course, students will learn about career decisions, money management, financial security, credit management, resource management, risk management, and consumer rights and responsibilities.