

Huntington Beach High School
9th Grade
Course Description Handbook



Dear Parents of HBHS Oilers:

This guide is designed to assist you in making class selections with your student.

Our goal at HBHS is excellence in academics, athletics, and the arts.

If you have questions, please contact one of the guidance staff listed on the last page of this handbook.

Select your classes carefully. Schedule changes are limited to:

1. Student has not met prerequisites for the course.
2. Student has a gap in his/her schedule.
3. Student took class in summer school.
4. Student tried out and made an athletic team or performing group.
5. Requested course has been cancelled.

Schedule changes for Fall will only take place during August registration.

Schedules will not be changed based upon teacher preference or to provide for an earlier start.

HBHS GRADUATION REQUIREMENTS

GRADUATION REQUIREMENTS	YEARS	CREDITS
English	4	40
World History	1	10
U.S. History	1	10
U. S. Government	½	5
Economics	½	5
Advanced Math (Algebra or above)	1	10
Mathematics	2	20
Physical Science	1	10
Life Science	1	10
Physical Education	2	20
Visual & Performing Arts or World Language or Career Technical Education	1	10
Health	½	5
Elective Credits		65
TOTAL		220

COLLEGE ADMISSION REQUIREMENTS

The following information is based on the University of California/California State University minimum admission requirements.

These are typical of most universities, however be sure to check with your college of choice to determine specific requirements. This information is available on the college/career website.

UC/CSU Admission Requirements (A – G Requirements)	YEARS
U.S. History (Gov/Econ)	1
World History	1
College Prep English	4
Advanced Math (Algebra 1, Geometry, Algebra 2)	3 (4 Recommended)
Laboratory Science (one life, one physical for CSU)	2 (3 Recommended)
World Language	2 (3 Recommended)
Visual or Performing Arts	1
Additional Academic Electives are required. Choice of a third year of science, world language, fourth year of math, social science, advanced visual or performing arts	1

COURSE PLACEMENT CRITERIA

Multiple indicators are utilized in making placement recommendations.

Some examples include:

- *Test Scores*
- *Teacher Recommendations*
- *Course Prerequisites*
- *Student Grades*

Huntington Beach High School Student Workload Projection

The vision of Huntington Beach High School is to maximize learning for every student.
The purpose of the student workload projection is to ensure that students and parents participate in informed decision making when selecting courses. Students and parents should fully understand course time investments prior to selecting courses.

SUBJECT	LEVEL	DAILY OUTSIDE TIME INVESTMENT (HOURS)
ENGLISH	CP HON AP	.25 .5 1 1.5 2 2.5 3 3.5 4 4.5 5 +
MATH	CP ACCEL AP	.25 .5 1 1.5 2 2.5 3 3.5 4 4.5 5 +
SOCIAL SCIENCE	CP HON AP	.25 .5 1 1.5 2 2.5 3 3.5 4 4.5 5 +
SCIENCE	CP ACCEL AP	.25 .5 1 1.5 2 2.5 3 3.5 4 4.5 5 +
APA/ARTS		.25 .5 1 1.5 2 2.5 3 3.5 4 4.5 5 +
ATHLETICS	FROSH/SOPH JV VARSITY	.25 .5 1 1.5 2 2.5 3 3.5 4 4.5 5 +
ELECTIVE		.25 .5 1 1.5 2 2.5 3 3.5 4 4.5 5 +
ELECTIVE		.25 .5 1 1.5 2 2.5 3 3.5 4 4.5 5 +
ROP		.25 .5 1 1.5 2 2.5 3 3.5 4 4.5 5 +
JOB		.25 .5 1 1.5 2 2.5 3 3.5 4 4.5 5 +
OTHER		.25 .5 1 1.5 2 2.5 3 3.5 4 4.5 5 +
		TOTAL HOURS:

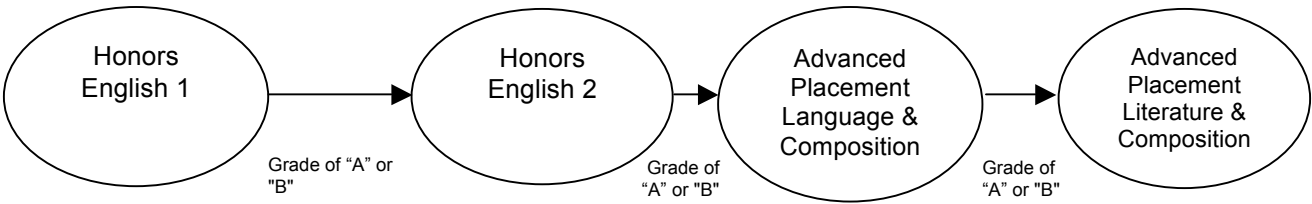
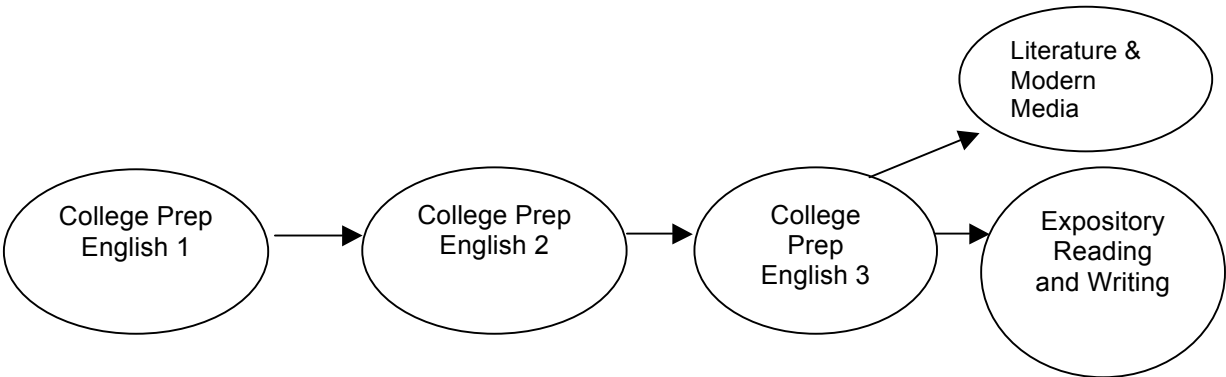
ENGLISH COURSE SEQUENCING

Grade
9

Grade
10

Grade
11

Grade
12



***English I College Prep**

Grade Level: 9

Prerequisite: None

This rigorous course teaches students to improve their vocabulary, reading, writing, listening, speaking, and research skills that are aligned to the California Common Core Standards. This course helps students develop their higher level critical thinking skills as they study several literary genres. Students learn to use the writing process as they write and revise paragraphs and two multi-paragraph essays per semester. Reading and writing homework is assigned each week, and individual presentations and group projects that involve technology are required each semester. **Estimated Daily Homework: 30 Minutes-1 Hour**

***English I Honors (Weighted)**

Grade Level: 9

Prerequisite: Recommended 8th grade English with grade of "A" both semesters

This rigorous course helps students refine their higher level critical thinking skills as they study several literary genres including short stories, poetry, novels, drama, and non-fiction. Outside reading is required each week. Students learn to use the writing process as they write four essays per semester. Reading and writing homework is assigned on a daily basis, and individual presentations and group projects that involve technology are required each semester. Summer reading and writing are required by the first full week of school. Consult the hboilers.com website for details. **Estimated Daily Homework: 30 Minutes-1 Hour**

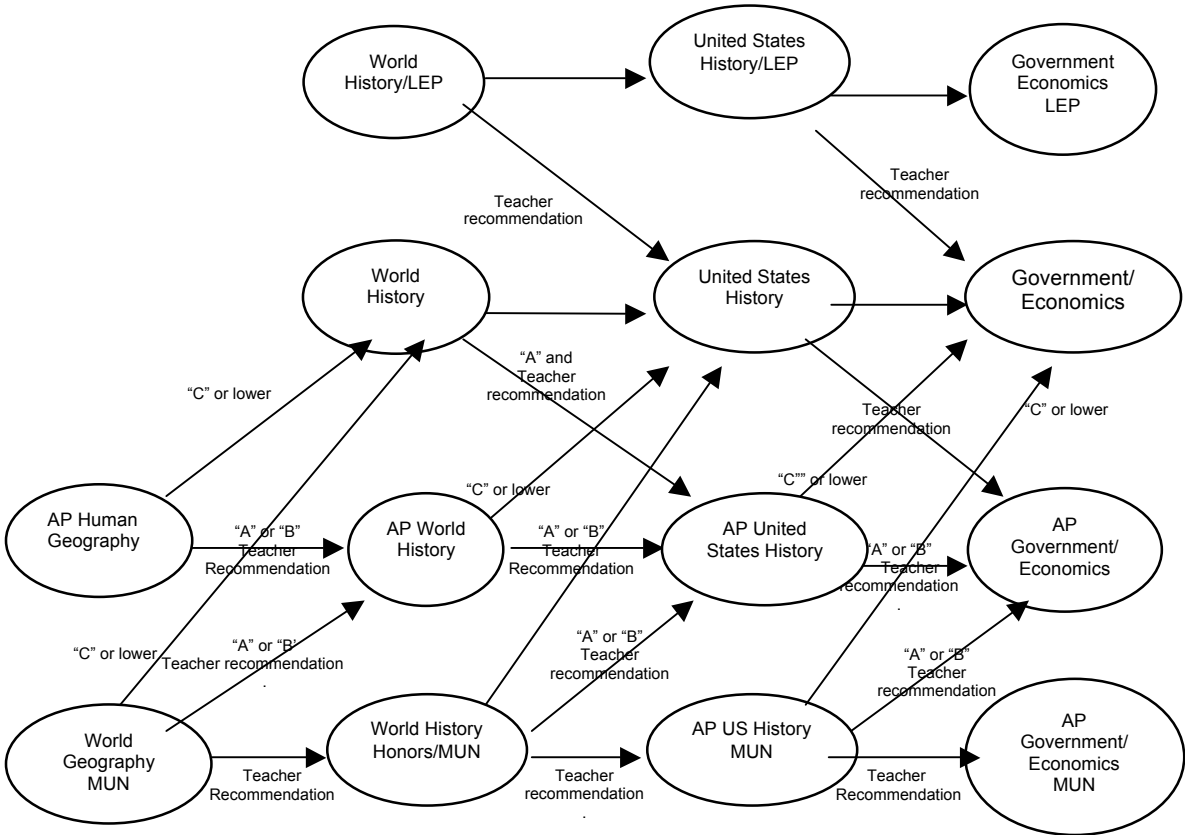
SOCIAL STUDIES COURSE SEQUENCING

9th
Grade

10th
Grade

11th
Grade

12th
Grade



***WORLD GEOGRAPHY HONORS MUN (Weighted)**

Grade 9

Prerequisite: *Recommended grade of A or B in 8th grade English*

This course incorporates a basic geography course of study into the Model United Nations format. Students will represent various nations in simulated United Nations communities, which will develop resolutions that attempt to solve modern day problems. These include social, economic, and political issues. Students will learn to work together and will develop skills in the areas of public speaking, research, and problem solving. Students will also attend three local novice conferences. This course fulfills an elective graduation requirement and be used in fulfillment of the one year academic elective requirement of the universities. **Estimated Daily Homework: 1 Hour-1.5 Hours**

NOTE: MUN is a 4 year program. Students are encouraged to participate freshman through senior year. More information can be obtained through the program's coordinators: Mr. Shaun Haney and Mr. Bill Harmicar

***AP HUMAN GEOGRAPHY (Weighted)**

Grade 9

Prerequisite: *Recommended grade of A or B in 8th grade English*

AP Human Geography is a yearlong course designed to provide students with a learning experience equivalent to one obtained in a college-level introductory course. The purpose of this course is to introduce students to the systematic study and understanding of spatial patterns and processes that have shaped human understanding, use, and alteration of the planet. Students will learn the methods and tools used by geographers to examine the human organization of space. The course is structured according to the course outline found in the most recent *AP Human Geography Course Description* published by the College Board. In preparation for the AP Geography examination, this course will be divided into seven units of study, which include the nature of geography, population, culture, political geography, agriculture, industry/development, and urban patterns. **Estimated Daily Homework: 30 Minutes-1 Hour**

MATH

The default Math placement for 9th graders is Algebra 1.
Multiple indicators will be reviewed for higher placement.

Please note that placement in Geometry or higher freshman year will result in Advanced Placement (AP) level Math Senior year.

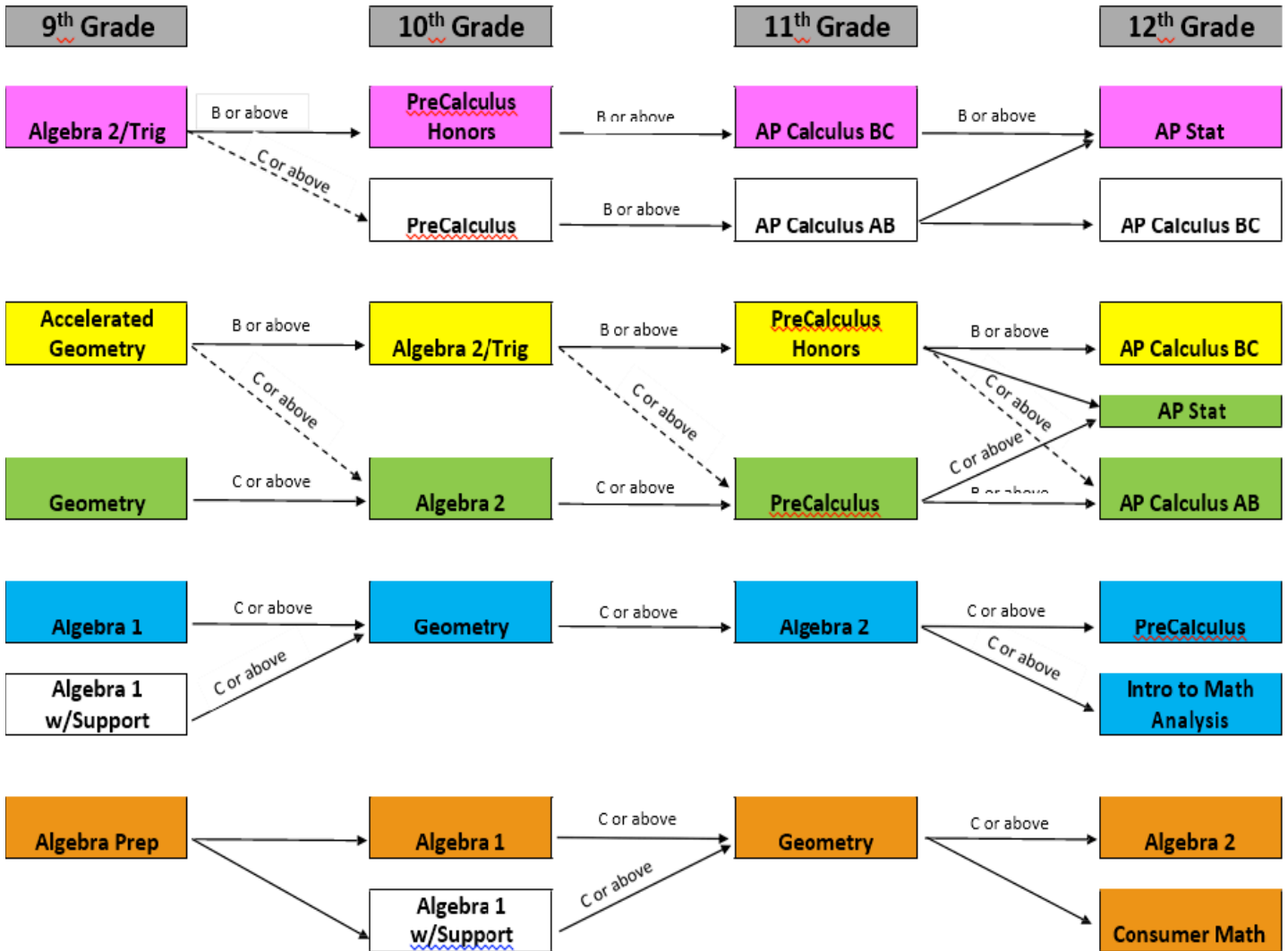
***ALGEBRA 1**

Grade Level: 9-12

This course is a rigorous introduction to Algebra. Topics covered include, solving equations in one and two variables, absolute value and inequalities, exponents and roots, factoring, graphing linear equations/inequalities, quadratic equations, solving quadratic equations, simplifying radicals and solving radical equations, simplifying and solving radical expressions/equations, functions and relations. **Estimated Daily Homework: 30 Minutes-1 Hour**

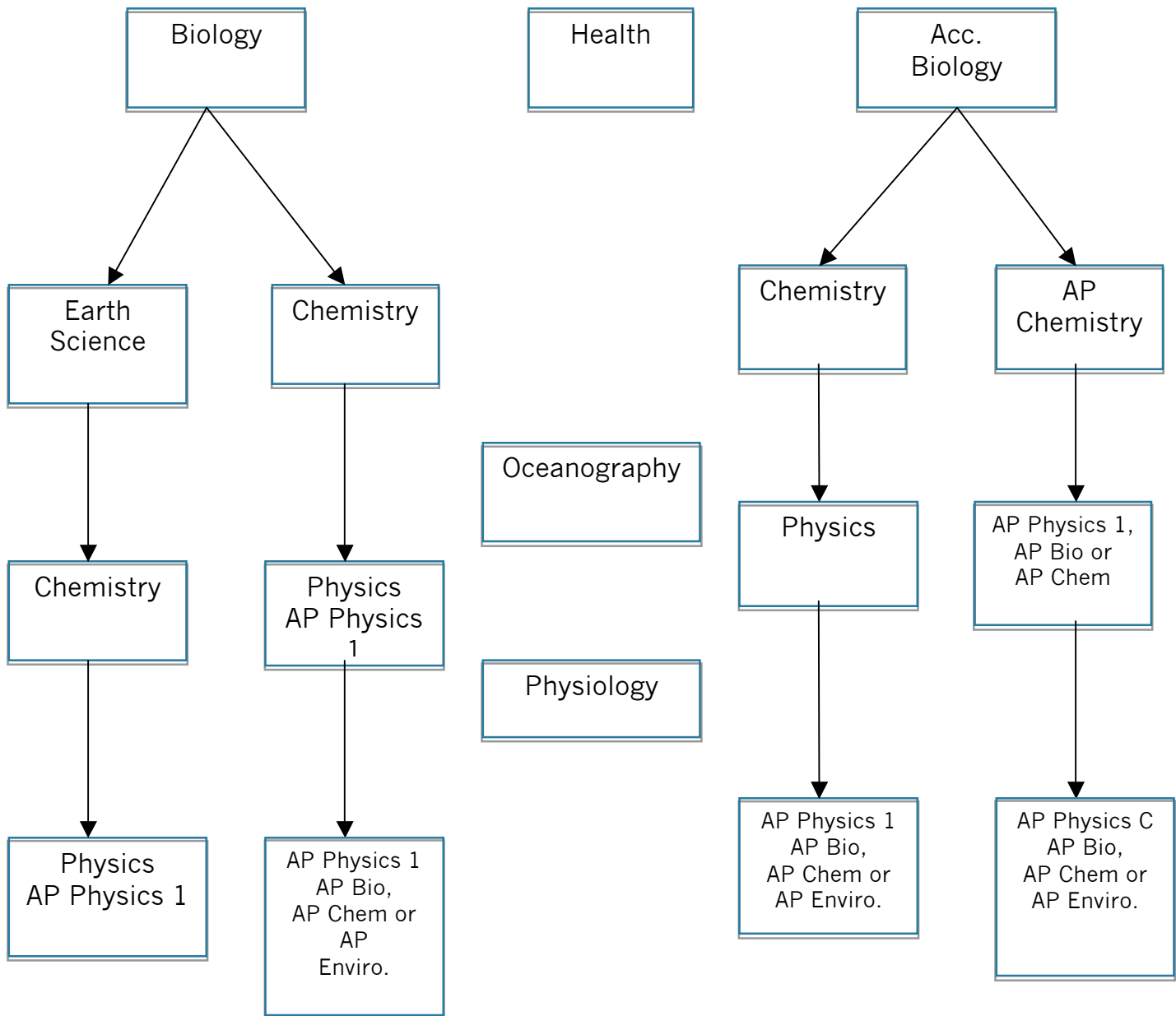
MATH

MATH COURSE SEQUENCING



NOTE: Students may be dropped (or elevated) from one sequence to another based on interest and ability. AP Stat can be taken concurrent with another math course as long as student has met the Algebra 2/(Trig) prerequisite.

SCIENCE COURSE SEQUENCING



NOTE: Read course descriptions for class prerequisites.

***BIOLOGY**

Grade Level: 9

Biology is a lab science designed for all college preparatory students. The course includes the biology of the cell, genetics, microbiology, ecology, and the biology of evolution. The investigative approach is emphasized and laboratory techniques are used extensively.

Estimated Daily Homework: 30 Minutes-1 Hour

***ACCELERATED BIOLOGY**

Grade Level: 9

Prerequisite: *Recommended enrollment in Geometry or higher*

The purpose of Accelerated Biology is to teach students to be able to demonstrate increased scientific knowledge and mastery of the main biological designs of living organisms and the integrated functions of biology by developing investigation and experimentation skills through inquiry based projects and present findings in a sequential and structured manners. The benefit of Accelerated Biology is that it provides a depth and breadth to the study of biology that connects students to the main topics in a hands-on, sequential way that allows for the mastery of biological concepts to take place in the course year. In this accelerated course, specific enrichment labs, activities, and projects provide additional opportunities for statistical and data analysis, research papers and labs, and student-focused inquiry based learning. **Estimated Daily Homework: 30 Minutes-1 Hour**

HEALTH

Grade Level: 9

The Health class has been designed to align with the California State Health Framework. This course will emphasize the themes of health literacy and decision making skills. The unifying ideas included are, "Acceptance of personal respect for lifelong health, respect for and promotion of the health of others, and an understanding of the process of growth and development." (California State Health Framework) Students will focus on making healthy choices, personal safety, mental and emotional health, social and family health, nutrition and fitness, diseases and disorders, prevention of substance abuse, and family life education. **Estimated Daily Homework: 30 Minutes Or Less**

World Language

Unique to HBUHSD is the potential to earn "The Seal of Billiteracy." This is an award recognized by the state of California given to those who complete 4 years of a World Language. A "SEAL" is placed on your diploma along with a special cord worn at graduation. All 3 languages qualify for the SEAL.

*SPANISH 1

Grade Level: 9-12

Prerequisite: Reading and writing at grade level

Spanish 1 is the first part of a four-year sequence. Course content focuses on the development of skills in listening, speaking, reading and writing with emphasis on communication in the Spanish language and mastery of a core vocabulary. Students are given an introduction to basic expressions, grammar, and Spanish culture. **Estimated Daily Homework: 30 Minutes Or Less**

*FRENCH 1

Grade Level: 9-12

Prerequisite: Reading and writing at grade level

This course is designed as the first part of a four-year sequence. Course content focuses on the development of skills in listening, speaking, reading, and writing with emphasis on communication in the French language and mastery of a core vocabulary. Also included is an introduction to basic expressions, grammar, and French culture. **Estimated Daily Homework: 30 Minutes Or Less**

*AMERICAN SIGN LANGUAGE 1

Grade Level: 9-12

Prerequisite: None

American Sign Language I is the first course in a 4-year sequence. The course content will focus on the development of skill in expressive and receptive Sign Language. Students will learn to communicate silently and visually. Along with learning to sign students will learn to fingerspell and begin to learn about Deaf culture. (ASL is accepted at all Cal States and UC'S). **Estimated Daily Homework: 30 Minutes Or Less**

Non-Departmental

AVID I

Grade Level: 9

Prerequisite: Application

AVID is a 9th-12th grade program that prepares students in the academic middle for four-year college eligibility. AVID stands for Advancement Via Individual Determination.

The AVID Program targets students in the academic middle — B, C and even D students — who have the desire to go to college and the willingness to work hard. These are students who are capable of completing rigorous curriculum but fall short of their potential.

For one class period a day, students learn organizational and study skills, work on critical thinking and asking probing questions, get academic help from peers and college tutors, and participate in enrichment and motivational activities that make college seem attainable. AVID students are encouraged to move into honors/advanced placement courses. AVID seniors receive University of California a-g elective credit upon completion of the AVID Seminar class.

Estimated Daily Homework: N/A

NEW MEDIA

Grade Level: 9 (semester long class paired with Health)

New Media is an introductory multimedia course. Students will use technology tools that will allow them to incorporate text, graphics, sound, animation and video into their work. Students will apply design elements and principles to projects ranging from print media publications, digital presentations, and web site design. Some of the programs that will be used include: Power Point, Photo Shop, Movie Maker, In Design, Virtual Business Retailing and Dreamweaver. **Estimated Daily Homework: 30 Minutes Or Less**

INTRODUCTION TO THEATRE

Grade Level: 9 (semester long class paired with Health)

Introduction to Theatre is a Performing Arts class that is an overview of all the elements of the world of theatre. It includes studying and reading plays; learning the parts of a stage and a theater; acting- including theatre games and improvisation; costume and make-up design and more. It goes into the basic understanding and appreciation of the theatre. **Estimated Daily Homework: 30 Minutes Or Less**

Industrial Technology

CAREER TECHNOLOGY

Grade Level: 9-12

The focus of this class is Careers and Technologies. In this class, students explore different careers, colleges, and possible places of employment. Students also combine the latest in computer technologies along with problem solving skills and critical thinking to create new inventions and products. At the completion of this course, students will know how to use Google apps, create a website, code a basic video game, utilize Photoshop, and use Computer Aides Design software SketchUp to create products in a 3D printer. (This is a semester long elective that is paired with Health).

Estimated Daily Homework: 30 Minutes Or Less

*PHOTOGRAPHY 1

Grade Level: 9-12

Prerequisite: None

Students who complete Photography I will have a strong foundation and understanding in how to capture high quality images and prepare them for distribution. Students will understand and be able to appropriately use the technologies associated with digital photography and production. Students will become proficient in Adobe Photoshop so that they will feel comfortable editing and manipulating images to produce a final product. Also, students will recognize the difference in specifications needed for proper results in various output formats. As a result, students will know how to best share their photographs in a wide range of formats, from print to online-based presentations. Students will leave the class possessing the skills necessary to create great photographs, from the initial concept to the final product.

College credit is possible with an A or B grade.

Estimated Daily Homework: 30 Minutes Or Less

*AP COMPUTER SCIENCE (Weighted)

Grade Level: 9-12

AP Computer Science in Java is based on the syllabus developed by the College Board. This course is designed to provide students with working knowledge of the Java programming language and concepts of object-oriented programming. This course provides extensive hands-on program development using the Java Development Kit (JDK). This class is intended to serve both as introductory courses for students who will major in disciplines that require significant involvement with computing. By participating in this AP course and taking the AP Exam, you have an opportunity to earn college credit. **Estimated Daily Homework: 30 Minutes-1 Hour**

Consumer and Family Studies

LIFE MANAGEMENT

Grade Level: 9-10 (semester long class paired with Health)

Life Management 1 equips students with essential skills for living through instruction in eight content areas:

- Child Development and Guidance
- Consumer Education
- Family and Human Development
- Fashion, Textiles and Apparel
- Food and Nutrition
- Housing and Furnishings
- Individual and Family Health
- Leadership Development

The attitudes, skills, and knowledge learned in Life Management provide a basis for success in balancing home and work responsibilities as well as for transitioning to career pathways in home economics related occupations. Huntington Beach High School offers a career pathway in Food Service & Hospitality. **Estimated Daily Homework: 30 Minutes Or Less**

Visual and Performing Arts

*ART 1

Grade Level: 9-12
Prerequisite: None

Art 1 is an exploratory course in the appreciation and use of the principles and elements of art fundamentals, which underlie the creation of all things. Students will create with a wide variety of media. Students will learn how to draw and paint and learn the basics of design and composition. Still life, portraits, people, landscapes, creatures, abstract, digital and other subjects will be explored. **Estimated Daily Homework: 30 Minutes Or Less**

*CERAMICS 1

Grade Level: 9-12
Prerequisite: None

Ceramics 1 provides students the opportunity to learn and apply the basic techniques of pottery and sculpture: hand-built construction, wheel throwing, design, surface decoration, and glazing. The elements of art and principles of design are also emphasized. **Estimated Daily Homework: 30 Minutes Or Less**

*GUITAR

Grade Level: 9-12
Prerequisite: None

Learn to play guitar in the HBHS "state of the art" music lab. This course assumes no prior knowledge of the instrument and students will study 20th century music, basic music theory and Apple's Garage band software. Advanced guitarists will have an independent study program. This course is considered a pre-academy class for the Academy for the Performing Arts Commercial Recording Arts Department. Students will also learn video production techniques to promote their art via "personal branding."

Estimated Daily Homework: 30 Minutes Or Less

PE MARCHING BAND

Grade Level: 9-12

Prerequisite: None

Marching Band is a performance class, which develops skills relative to the contemporary marching band medium. Instrumental technique, marching technique, musicianship, and performance skills are included in the daily curriculum, which culminates in several required public performances (home football games, marching band tournaments, and other school and community events. While experienced musicians are encouraged, beginners with enthusiasm will be accepted with instructor approval. (Fall semester only). **Estimated Daily Homework: 30 Minutes Or Less**

*INSTRUMENTAL I

Grade Level: 9-12

One year entry level course open to all students with a basic performance level on a band instrument. This course is taken concurrently with Marching Band first semester. This course is designed to increase the knowledge, skill and musical ability of each student, and to develop aesthetic values and cultural awareness through critical listening and instrumental performance. **Estimated Daily Homework: 30 Minutes Or Less**

Physical Education

PE 1

Grade Level: 9

Prerequisite: None

Individual/Dual Sports, Fitness, Aquatics/Swimming and Life Saving, Body Awareness, Fitness for Life.

Estimated Daily Homework: 30 Minutes Or Less

Athletics

1. Placement on an athletic team may involve tryouts, participation in summer camp, and/or coaches' approval.
2. Girls may enroll in a boys' sport which has no girls' equivalent, such as football or wrestling.

ATHLETICS Registration indicates your interest; try-outs may be required

Fall Sports

96G	Water Polo	Boys
96T	Football	Boys
96Q	Cross Country	Boys
96S	Surfing	Coed
96V	Frosh Football	Boys
97R	Golf	Girls
99F	Tennis	Girls
99G	Volleyball	Girls
99J	Field Hockey	Girls
99K	Cross Country	Girls

Winter Sports

96C	Basketball	Boys
96I	Soccer	Boys
96K	Wrestling	CoEd
99C	Basketball	Girls
99M	Soccer	Girls
99N	Water Polo	Girls

Spring Sports

96E	Track	Boys
96F	Tennis	Boys
96D	Swim	Boys
96J	Volleyball	Boys
96P	Baseball	Boys
96R	Golf	Boys
99E	Track	Girls
99I	Softball	Girls
99L	Swim	Girls
96M	Lacrosse	Boys

TITLE	NAME	EXTENSION
Principal	Mr. Daniel Morris	4401
Assistant Principal, Guidance	Dr. Angela Harding	4403
Assistant Principal, Curriculum	Mr. Tim Floyd	4404
Assistant Principal, Supervision/Attendance	Dr. Kevin Seidel	4406
Assistant Principal, Activities	Mr. Shawn McManus	4408
Athletic Director	Mrs. Melissa Vandenbosch	4275
Guidance Specialist	Mrs. Carolyn Bolden A-Gon	4423
Guidance Specialist	Ms. Yesenia Salcido Good-Oj	4422
Guidance Specialist	Mrs. Maureen Anzivino Ok-Z	4421
Career/College Specialist	Mrs. Martha Wait-Hubner	4435
ROP Career Specialist	Mrs. Karin Atinzian	4436
School Counselor	Ms. Kathy Cadigan	4470

For more information please visit www.hboilers.com

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