

ACADEMIC INFORMATION

GRADUATION REQUIREMENTS

HIGH SCHOOL DIPLOMA

In order to receive a high school diploma, students must complete a total of 24 credits of core and elective courses. All students, including transfers from out of state and Hawaii private schools, must meet the State of Hawaii graduation requirements. **The requirements are listed in the table below:**

HIGH SCHOOL GRADUATION REQUIREMENTS

(For all incoming Sophomores, Juniors, and Seniors - C/O 2010-2012)

Course Requirements	High School Diploma	Board of Education Recognition Diploma
English *	4.0 credits	4.0 credits
Social Studies **	4.0 credits	4.0 credits
Mathematics	3.0 credits	3.0 credits***
Science	3.0 credits	3.0 credits****
World Language	2.0 credits in one of the specified courses	2.0 credits in one of the specified courses
Fine Arts		
Career and Technical Education		
Senior Project	Not required	1.0 credit
Physical Education *****	1.0 credit	1.0 credit
Health	0.5 credit	0.5 credit
Personal/Transition Plan	0.5 credit	0.5 credit
Electives	6.0 credits	6.0 credits
Total	24.0 credits	25.0 credits

* English shall include English Language Arts 1 (1.0 credit) and English Language Arts 2 (1.0 credit).

** Social Studies shall include Modern History of Hawaii (0.5 credit) and Participation in a Democracy (0.5 credit).

*** No more than one Math credit can be lower than Algebra 1 (for the BOE Diploma).

**** No substitution courses are allowed for the 3 science credits (for the BOE Diploma).

***** Physical Education shall include required Physical Education (0.5 credit) and a required Physical Education elective (0.5 credit).

A Board of Education Recognition Diploma shall be issued to students who meet the course and credit requirements and attain a cumulative grade point average (GPA) of 3.0 or higher.

The graduation requirements for students with disabilities shall be determined by the student's Individualized Education Program (IEP).

HIGH SCHOOL GRADUATION REQUIREMENTS

(For all incoming Freshmen - C/O 2013)

Course Requirements	High School Diploma	Board of Education Recognition Diploma
English *	4.0 credits including: * English 1 * English 2	4.0 credits including: *English 1 *English 2 *Expository Writing (0.5 credits)
Social Studies **	4.0 credits including: *Modern Hist.of Hawaii (0.5 credit) *Part, in Democracy (0.5 credit)	4.0 credits including: *Modern Hist.of Hawaii (0.5 credit) *Part, in Democracy (0.5 credit)
Mathematics	3.0 credits	3.0 credits including: *Algebra 1, Geometry, and Algebra 2 or the equivalent
Science	3.0 credits	3.0 credits including: *2.0 credits in Chemistry, Biology, and /or Physics
World Language Fine Arts Career and Technical Education	2.0 credits in one of the specified courses	2.0 credits in one of the specified courses
Senior Project	Not required	1.0 credit
Physical Education ***	1.0 credit	1.0 credit
Health	0.5 credit	0.5 credit
Personal/Transition Plan	0.5 credit	0.5 credit
Electives	6.0 credits	5.0 credits
Total	24.0 credits	25.0 credits
Other		Meet standard on Algebra 2 End of Course Exam

* Graduates with a GPA of 3.0 or better will be awarded the BOE Recognition Diploma with Honors.

**Mathematics requirements for a BOE Recognition Diploma with Honors is 4.0 credits, including as a minimum, Algebra 1, Geometry, and Algebra 2 or the equivalent.

A Board of Education Recognition Diploma shall be issued to students who meet the course and credit requirements and attain a cumulative grade point average (GPA) of 3.0 or higher.

The graduation requirements for students with disabilities shall be determined by the student's Individualized Education Program (IEP).

PROMOTION POLICY

In accordance with the **State of Hawaii Promotion Policy**, students will be promoted to the next grade level after accumulating **five, eleven, and seventeen** credits in grades 9, 10, and 11 respectively. Students will be retained at their present grade level for an entire school year when promotion requirements are not met. Exceptions are made after the first semester for juniors intending to graduate at the end of that school year.

Students may substitute **1** of the following elective courses for a science credit. However, these courses may **not** be acceptable as science credits for college admission.

**Computer Electronics
Basic Electricity and Electronics**

Food Science & Nutrition

- **HONOR GRADUATES**

Honor Graduate Candidates must have a cumulative grade point average of 3.5 for seven semesters in Grades 9-12. If the candidate was accelerated, five semesters of coursework are considered. Summer session, E-School and Running Start grades are included.

- **BOE RECOGNITION DIPLOMAS**

BOE Recognition Diploma Candidates will be considered at the end of the third quarter. Awarding of these diplomas is based on the following criteria: courses taken, credits earned, and the grade point average of the candidates. Requirements are listed in the table below.

BOE Recognition Diploma Requirements

CRITERIA	REQUIREMENTS						
Courses Taken	Two elective credits must be within one of the following: <ul style="list-style-type: none"> • The same foreign language • The Performing Arts or Fine Arts Dept. • The Vocational Ed Depts. (In the same pathway) <ul style="list-style-type: none"> ▪ All science credits must be earned within the science department. ▪ Student must attain the level of Geometry or beyond in mathematics. 						
Credits Earned	A total of 25 credits are required						
Grade Point Average	<table> <tr> <td>Cum Laude</td> <td>3.0 to 3.5</td> </tr> <tr> <td>Magna Cum Laude</td> <td>3.5+ to 3.8</td> </tr> <tr> <td>Summa Cum Laude</td> <td>3.8+ and above</td> </tr> </table>	Cum Laude	3.0 to 3.5	Magna Cum Laude	3.5+ to 3.8	Summa Cum Laude	3.8+ and above
Cum Laude	3.0 to 3.5						
Magna Cum Laude	3.5+ to 3.8						
Summa Cum Laude	3.8+ and above						

- **VALEDICTORIANS**

Class **valedictorians** are named at the end of the third quarter of the class' graduating year. Graduating seniors who have earned a cumulative GPA of 4.0 or higher after the third quarter, and meet the BOE Recognition Diploma requirements are eligible.

- **CERTIFICATE OF COMPLETION**

Students who are serviced by the Special Education Department with an Individually Prescribed Program are eligible to receive a **Certificate of Completion** when all the requirements set by their program have been completed.

PROGRAM PLANNING INFORMATION

What Are My Choices for the Future?

After high school, you may choose to pursue one of the following options:

- Four year College/University
- Two Year College/Community College or Trade School
- Employment
- Military
- Apprenticeship Programs

How Do I Plan My Schedule?

The key to your future lies with the education and career choices you make. These are some of the questions you may want to ask yourself:

- What are my interests and areas of strength? What career pathway am I most interested in?
- Do I want to pursue 4-year or 2-year post-high school training?
- Do I want to seek employment or join the military?
- Do I have a specific career goal?

The following steps may help you in making purposeful course selections:

- Study requirements for 2-year and 4-year colleges. High School graduation requirements and college admissions requirements are not the same.
 - Meet with your counselor to discuss course selections.
 - To complete your registration form, begin with required courses and then select your electives.
 - In addition to meeting credit requirements for high school graduation, it is recommended that students plan on taking courses that will help them develop good skills for life after high school.
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PLANNING FOR COLLEGE

- Entrance requirements vary at different colleges. Be sure to check college catalogues or do research on the internet.
- It is recommended that you take 4 credits of math and science to be adequately prepared for post-secondary training.
- Some colleges require 2 or 3 credits of World Language.
- See your College/Career Counselor for individual assistance.
- College preparatory classes are classes in the areas of English, social studies, science, math and foreign language.
- Some colleges also require 1 credit in fine arts or performing arts classes (University of California and the California State system require this).

<p style="text-align: center;">4-Year College (UH-Manoa)</p> <p>Requirements:</p> <ul style="list-style-type: none">• English 4 cr.• Social Studies 3 cr.• Science 3 cr.• Math 3 cr. (including Alg II & Geometry)• Other college prep 4 cr.• SAT verbal 510/ math 510/ writing 510• ACT with writing 22/22/22• GPA 2.8• Rank = top 40%

<p style="text-align: center;">Community Colleges (UH System)</p> <p>Open Admission:</p> <ul style="list-style-type: none">• Math and English placement test results will determine eligibility for classes• High School diploma or age 18 <p>Students take the COMPASS Placement Test before registering to determine appropriate English and math placement. The Community Colleges offer college level classes as well as developmental (remedial) classes.</p>

Why choose a community college? The following are the advantages:

- Low cost
- Commuting convenience
- Smaller classes, more personal attention
- Special programs
- Programs of two years or less
- Open-admission- anyone 18 or older or a high school graduate.

The transfer program enables students to make the transition to a 4-year college. Courses in more than 56 different vocational fields are offered. Students may work toward either the associate degree (60 college credits minimum) or the certificate of achievement for satisfactory completion of a shorter program in an occupational specialty.

• **PLANNING FOR THE MILITARY**

There are recruiting offices for the Army, Air Force, Coast Guard, Marines and Navy. Candidates for recruitment must be at least 18 years of age, or 17 with parental approval. All are required to achieve a passing score on the ASVAB, and be in good general health. Contact numbers may be found in the phone book within the blue Federal Government Services section. Look under “Recruiting.”

• **PLANNING FOR EMPLOYMENT**

The Transition Center can help you with employment opportunities. Community colleges also offer excellent employment training programs.

• **APPRENTICESHIP PROGRAMS**

An apprenticeship is learning a skilled occupation, craft or trade through on-the-job training, supplemented with classroom instruction. Programs are offered through employers such as Pearl Harbor Naval Shipyard and/or labor organizations. An apprentice spends from two to five years (depending on the trade) training on the job. An apprentice also attends classes at the community college. They are paid during the on-the-job training. Applicants are screened through aptitude tests and interviews.

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## **GENERAL LEARNER OUTCOMES**

These are the observable behaviors or evidence that a student has achieved a standards-based education. They are overarching goals for all students in all grade levels. They are fostered in daily classroom activities and in a student’s application of learning.

### **There are six General Learner Outcomes (GLO’s):**

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| <ul style="list-style-type: none"><li>• Ability to be responsible for one’s own learning.</li><li>• Ability to be involved in complex thinking and problem solving.</li><li>• Ability to recognize quality performance and produce quality products.</li><li>• Ability to communicate effectively.</li><li>• Ability to use a variety of technologies effectively and ethically.</li><li>• Ability to work well with others</li></ul> |
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The “Running Start” Program allows public high school juniors and seniors to register for college classes at any of the community colleges in the University of Hawaii system, and earn both high school and college credits.

“Running Start” students must comply with community college requirements such as:

- Applying for admission by the campus deadline
- Achieving the appropriate English and Math level on the COMPASS Placement Test\*
- Maintaining acceptable academic standing

**A Sample of “Running Start” courses frequently offered are as follows:**

- Astro 100 (Survey of Astronomy)
- Bio 100 (General Biology)
- Eng 100
- Eng 250 (American Literature)
- Eng 253 (World Literature to 1600)
- Geol 101 (Intro to Geology)
- History 151, 152 (World Civilizations)
- Math 100 (Survey of Mathematics)
- Math 140 (Trig & Analytic Geometry)
- Math 205 (Calculus)
- Ocean 201 (Science of the Sea)
- Philosophy 100 (Introduction to Logic)
- Psychology 100
- Sociology 100

Please visit the College and Career Transition Center or check the website: <http://www.hawaii.edu/runningstart/>

\*Students can go to Kapiolani Community College, Rm. Iliani 127 to take the Compass. Picture ID and social security number are required.

Students will receive **3** college credits and **1** high school credit for each course completed satisfactorily.

**Cost:**

In addition to college tuition of \$71 per credit hour for Hawaii students, the cost of books, supplies, and fees are required. Scholarships are available for qualifying students through GEAR UP. Summer tuition at the community college is \$215 per credit hour.

Students are highly encouraged to discuss the “Running Start” program with their parents/guardians and counselor before selecting it as an option. Student success requires motivated individuals with good study skills. Grades earned through “Running Start” will become a part of the student’s permanent college transcript.

# ART

The Visual Arts Education Program provides learning experiences for all students to enable them to meet the Visual Arts Standards of the Hawaii Content and Performance Standards.

The Visual Arts Objectives:

- To develop visually literate and aesthetically sensitive students who function in society as producers, appreciators, and consumers of art.
- To serve as a means to help students achieve the General Learner Outcomes set forth by the DOE.
- To provide students with the opportunity to develop cognitive, affective, and psychomotor skills and abilities.

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| <b>FVL1000</b> | <b>CERAMICS I</b> | <b>YEAR COURSE</b> |
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RECOMMENDATION: None

GRADES: 9-12

This is an introductory course, which introduces clay as a universal medium of expression. Functional and non-functional pieces from diverse cultures are introduced and analyzed. Hand building techniques involving pinch, coil, slab and free-form molding are covered.

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| <b>FVL2000</b> | <b>CERAMICS II</b> | <b>YEAR COURSE</b> |
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RECOMMENDATION: C or better in Ceramics I

GRADES: 9-12

This is an advanced course in hand-building and wheel-throwing techniques requiring application of the elements and principles of design and craftsmanship.

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| <b>FVQ1000</b> | <b>DRAWING &amp; PAINTING I</b> | <b>YEAR COURSE</b> |
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RECOMMENDATION: None

GRADES: 9-12

This course is an introduction to drawing and painting. It includes experimentation in dry media such as pencil, pastels and conte crayons, as well as wet media such as ink, watercolor, tempera and mixed media. Drawings and paintings of various cultures are introduced and explored.

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| <b>FVQ2000</b> | <b>DRAWING &amp; PAINTING II</b> | <b>YEAR COURSE</b> |
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RECOMMENDATION: Passing grade in Drawing & Painting I

GRADES: 9-12

This is an intermediate level course designed to expand on skills, attitudes and knowledge gained from Drawing & Painting I. The focus is on self-expression and developing personal style through the use of a variety of drawing and painting materials, emphasizing art as a means of communicating ideas, emotions, and personal statements. Further examination and study of artwork of various periods, and cultures are explored.

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| <b>FVD1000</b> | <b>DIRECTED STUDY IN ART</b> | <b>YEAR COURSE</b> |
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RECOMMENDATION: Art instructor's approval or B or better  
in Drawing and Painting I or General Art I

GRADES 9-12

This seminar course includes studio experiences and an opportunity for in-depth study in a selected mode of expression. Visual, oral and written presentations should result from personal inquiry and investigative research.

# BUSINESS

## OBJECTIVES:

- To provide students with basic concepts in business and economics.
- To help students develop attitudes and work habits that are acceptable in the business environment.
- To help students develop skills in line with their interests, aptitudes and abilities.
- To enable students to use job-seeking skills to secure employment.
- To acquaint students with career opportunities in business together with educational requirements and personal qualifications needed for specific types of positions accounting, clerical, data processing, etc.

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| <b>TBC3010</b> | <b>BUSINESS, MANAGEMENT, AND TECHNOLOGY CORE</b> | <b>YEAR COURSE</b> |
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RECOMMENDATION: NONE

GRADES: 9-12

This course is designed for students who plan to pursue careers in business, management and technology and/or related occupations. Students will learn essential business concepts that will provide a solid foundation for further study in preparation for careers in business. Students will utilize technology for a variety of business applications and business communication; demonstrate customer service; and use accounting concepts to formulate, analyze and evaluate financial decisions in business.

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| <b>TBU3110</b> | <b>BEGINNING ACCOUNTING</b> | <b>YEAR COURSE</b> |
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RECOMMENDATION: NONE

GRADES: 9-12

Beginning Accounting emphasizes accounting principles as they relate to the basic understanding and skill required to keep manual and computerized financial records for a business. Emphasis is on providing students with entry-level skills for the accounting profession and preparation for further study in accounting.

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| <b>TBU3116</b> | <b>ADVANCED ACCOUNTING</b> | <b>YEAR COURSE</b> |
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RECOMMENDATION: Successful completion of Beginning Accounting  
or Instructor's approval

GRADES: 9-12

Advanced Accounting develops occupational competency in accounting. Basic concepts and skills of accounting are extended through application in a variety of increasingly complex business situations. Interpretation of financial data, as it relates to management decisions, is emphasized.

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| <b>TBK3931</b> | <b>DIRECTED STUDIES IN BUSINESS 1</b> | <b>YEAR COURSE</b> |
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RECOMMENDATION: Instructor's approval

GRADES: 9-12

This course is for the student who wants to further develop his/her interests through individual and group activities. Emphasis is on using technology to develop solutions to real-life problems. **This course may be repeated once for credit.**

**TBN3210**

**TRAVEL INDUSTRY MANAGEMENT**

**YEAR COURSE**

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RECOMMENDATION: NONE

GRADES: 9-12

Travel Industry management is an introductory course designed to reinforce and apply management knowledge and skills in the travel industry. Students will examine historical and current overviews of travel industry sectors, including lodging/accommodations, transportation, food and beverage sales, destination attractions, and recreation.

**TCG1200/TCG1201**

**KEYBOARDING I & II**

**SEMESTER COURSES**

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RECOMMENDATION: NONE

GRADES: 9-12

This course develops speed and accuracy in Keyboarding using the computer. Students will learn to key letters, numbers, and symbols using the touch method. In keyboarding II, students will further enhance their skills and learn computer software applications used in the modern business office.

**TBU3610**

**OFFICE AND ADMINISTRATIVE TECHNOLOGY –  
COMPUTER APPLICATIONS**

**YEAR COURSE**

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RECOMMENDATION: NONE

GRADES: 9-12

Students in this course learn Office 2003 (Word, Excel, PowerPoint) and gain instruction and experience in developing technical, problem-solving, and decision making skills essential for office and administrative occupations.

**EXS1400/EXS1500**

**COMPUTER PROGRAMMING 1A/1B**

**SEMESTER COURSES**

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RECOMMENDATION: NONE

GRADES: 9-12

Students in this course learn how to write computer programs in HTML and Visual Basic using a personal computer. This course will provide hands-on experience with personal computers in order to develop skills for entry-level employment.

**TB43412/TB43413**

**INTRO TO JAVA/JAVA PROGRAMMING  
(SPEC PROG/SPEC DB APP)**

**SEMESTER COURSES**

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RECOMMENDATION: Credit in Algebra I

GRADES: 9-12

The goal of this beginning course in JAVA is to teach the fundamentals of the language. JAVA is the language of the Internet and is often used to create applets and other Net-based applications. By the end of this course, the students will have a solid foundation that will enable them to start writing their own programs and applets.

# FAMILY & CONSUMER SCIENCES

The Family and Consumer Sciences program is designed to give attention to the Home and Work Skills section of the Hawaii Content and Performance Standards. The integration of basic skills with course offerings is a priority. The program's scope is defined by the experiences that develop competencies necessary for students to function in the roles within the family and society for the 21st century.

The Family and Consumer Sciences Occupational Program provides basic academic and occupational requirements for post-secondary occupational programs. Students also qualify for entry-level positions in related occupations.

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| <b>TPU7110</b> | <b>FOOD SCIENCE AND NUTRITION</b> | <b>YEAR COURSE</b> |
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RECOMMENDATION: NONE GRADES 9-12

Did you know that whenever you prepare food you become a food scientist in a kitchen laboratory? This course is designed to give information on the scientific aspects of food and food preparation and to practice what you've learned by preparing food. Covered shoes required.

**Credit for this course may be applied toward the DOE's graduation requirements in science. However, some colleges and universities may not recognize it as satisfying science requirements.**

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| <b>TPU7110J</b> | <b>FOOD SCIENCE AND NUTRITION FOR ESLL</b> | <b>YEAR COURSE</b> |
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RECOMMENDATION: Registered in ESLL Program GRADES: 9-12

ESLL instructor's approval needed for the one-year laboratory course designed to give information on the effect of nutrition on the individual and family. Practical experiences are included.

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| <b>TPN7210/TPL7100</b> | <b>FOOD SERVICES I/FOOD SERVICES I LAB</b> | <b>YEAR COURSE</b> |
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RECOMMENDATION: NONE GRADES: 9-12

This course provides an exciting, rewarding way to learn the skills needed to begin a career in the Food Service and Hospitality industry. Students operate a food business throughout the year. Emphasis is on students acquiring entry-level skills and proper work attitude. Requirements include lab shoes and a current TB clearance.

**(A double period, 2 credit course)**

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| <b>TPU7213/TPL7100</b> | <b>FOOD SERVICES II/FOOD SERVICES II LAB</b> | <b>YEAR COURSE</b> |
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RECOMMENDATION: FS I/FS I Lab or instructor's approval GRADES: 9-12

This course is for the serious student who is considering a career in the Food Services and Hospitality industry. While operating the food business, emphasis is on developing effective managerial skills with more advanced technical skills for the profession and/or preparation for further study in foodservice. Students may have the opportunity to do OP work during the school day. Requirements include lab shoes and a current TB clearance.

**(A double period, 2 credit course)**

**TPG7070****HUMAN DEVELOPMENT****YEAR COURSE**

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RECOMMENDATION: NONE

GRADES: 9-12

Human Development spans the life cycle from conception through childhood with emphasis on parent education in caring for infants and toddlers. Students will explore the stages of development as well as recognize their physical, emotional, social and intellectual needs. Students will have hands-on experience in an on-site play-school. The "Baby Think It Over" project is one of many that students will participate in. *This course is a Recommended Prerequisite for all education electives.*

**TPN7410****EARLY CHILDHOOD EDUCATION I****TPL7100****EARLY CHILDHOOD EDUCATION I LAB****YEAR COURSE**

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RECOMMENDATION: NONE

GRADES: 9-12

The emphasis of these courses is on the job orientation in childcare and other related fields. Students complete observation/participation in community elementary and preschools. Students also conduct an on-site play school in the fourth quarter. Upon successful completion of this course students may qualify for entry level employment in the childcare field. A current TB clearance is required.

**(A double period, 2 credit course)****TPN7413****EARLY CHILDHOOD EDUCATION II****TPL7100****EARLY CHILDHOOD EDUCATION II LAB****YEAR COURSE**

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RECOMMENDATION: Satisfactory completion of Early Childhood Education I/Lab or approval of instructor.

GRADES: 9-12

This course is designed for the serious student considering careers in early childhood education and related fields. Students complete OP work at community elementary and preschools. Students take a leadership role in operating an on-site play school during the 4th quarter. Upon successful completion of this course students should qualify for entry level employment in the childcare field. A current TB clearance is required.

**(A double period, 2 credit course)****TPU7210****EXPLORATIONS IN EDUCATION****YEAR COURSE**

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RECOMMENDATION: NONE

GRADES 11-12

Explorations in Education is designed to provide a solid orientation of the teaching profession. Academically challenging, Explorations in Education will offer students entering their junior or senior year a curriculum that will include learning styles, teaching strategies, school organization and management, salaries and benefits, and educational issues. Field experiences for classroom observation and participation is a requirement of this course. A current TB clearance is required.

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# FOREIGN LANGUAGE

The Asian, European and Pacific Language Program provides experiences for all students.

## OBJECTIVES:

- Students will be able to experience a language different from their own.
- Students will be able to experience a culture different from their own through activities such as films, movies and field trips.
- Students will be able to express greetings appropriate to their language level.
- Students will be able to demonstrate proper skills in listening, speaking, reading and writing.

## SUGGESTED OCCUPATIONS RELATING TO FOREIGN LANGUAGE SKILL:

- Hotel and tourist industry
- Diplomatic service
- Business, especially import-export
- Foreign correspondence
- Retail sales work
- Airlines (stewardess, steward, ticketing agent, etc.)

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### WPH1010/WPH1020

### HAWAIIAN IA/IB

### SEMESTER COURSES

RECOMMENDATION: NONE

GRADES: 9-12

"Aloha mai!" Students will read, write, and speak basic Hawaiian. Topics will include making suggestions, commands, descriptions, and asking questions. Multi-media and cultural activities will supplement the instruction.

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### WPH2010/WPH2020

### HAWAIIAN IIA/IIB

### SEMESTER COURSES

RECOMMENDATION: Successful completion of Hawaiian IA/IB  
or approval of instructor

GRADES: 9-12

"E ola mau ka 'olelo Hawai'i". Students learn more grammar and vocabulary with emphasis on speaking and reading.

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### WPH3010/WPH3020

### HAWAIIAN IIIA/IIIB

### SEMESTER COURSES

RECOMMENDATION: Successful completion of Hawaiian II/IIB  
or approval of instructor

GRADES: 9-12

"E kulia I ka nu'u." Students increase grammatical structures and vocabulary. Daily conversation is relatively simple and developed through free discussion.

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### WAJ1010/WAJ1020

### JAPANESE IA/IB

### SEMESTER COURSES

RECOMMENDATION: NONE

GRADES: 9-12

"Konnichi wa!" "Ogenki desu ka." This course is designed for students who intend to go to college. Students will speak, read and write basic romaji, hiragana and katakana. Multi-media and cultural activities supplement instruction.

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| <b>WAJ2010/WAJ2020</b> | <b>JAPANESE IIA/IIB</b> | <b>SEMESTER COURSES</b> |
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RECOMMENDATION: Successful completion of Japanese IA/IB  
or approval of instructor GRADES: 9-12

Listening and speaking skills are emphasized through dialog, reading selections, and varied drills. Approximately 100 more kanji are included.

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| <b>WAJ3010/WAJ3020</b> | <b>JAPANESE IIIA/IIIB</b> | <b>SEMESTER COURSES</b> |
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RECOMMENDATION: Successful completion of Japanese IIA/IIB  
or approval of instructor GRADES: 9-12

Complex grammatical structure and approximately 100 new kanji are introduced. Instruction is supplemented by use of multi-media.

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| <b>WAJ4010/WAJ4020</b> | <b>JAPANESE IVA/IVB</b> | <b>SEMESTER COURSES</b> |
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RECOMMENDATION: Successful completion of Japanese IIIA/IIIB  
or approval of instructor GRADES: 9-12

More complex grammatical structures and kanji are introduced. Instruction includes practice, multi-media use and cultural activities. Intended for non-native speakers.

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| <b>WAJ5010/WAJ5020</b> | <b>ADVANCED JAPANESE A/B</b> | <b>SEMESTER COURSES</b> |
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RECOMMENDATION: Successful completion of Japanese IVA/IVB  
or approval of instructor GRADES: 9-12

Complex grammatical structures are introduced through spoken and written historical cultural selections. Intended for non-native speakers.

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| <b>WES1010/WES1020</b> | <b>SPANISH IA/IB</b> | <b>SEMESTER COURSES</b> |
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RECOMMENDATION: NONE GRADES: 9-12

This course is designed for students who intend to go to college. Students will speak, read, and write basic Spanish. Multi-media and cultural activities supplement instruction.

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| <b>WES2010/WES2020</b> | <b>SPANISH IIA/IIB</b> | <b>SEMESTER COURSES</b> |
|------------------------|------------------------|-------------------------|

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RECOMMENDATION: Successful completion of Spanish IA/IB or instructor approval GRADES 9-12

Continued development of speaking, reading and writing skills. Instruction includes multi-media use and cultural activities.

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|------------------------|--------------------------|-------------------------|
| <b>WES3010/WES3020</b> | <b>SPANISH IIIA/IIIB</b> | <b>SEMESTER COURSES</b> |
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RECOMMENDATION: Successful completion of Spanish IIA/IIB or instructor approval GRADES: 9-12

Listening, speaking, reading and writing skills are emphasized as complex grammatical structure and vocabulary are introduced. Cultural activities supplemented by multi-media continue.

# INDUSTRIAL ARTS

**GOALS:** The Industrial Arts program shall provide students with knowledge and skills that will enable them to be fully productive contributors to the technological society. Through this program, students also come to understand themselves and their culture, thus finding some meaning and purpose for their very existence.

## OBJECTIVES:

- Develop an understanding of the principles, concepts, and problems of industrial technology.
- Develop an understanding of the nature and significance of materials, tools, processes, products, and occupations of our technological world and their impact upon our society.
- Develop an appreciation of the man-made world and the products of a managed-production system, which satisfy the needs and wants of man.
- Apply technical knowledge and techniques for effective living in situations such as recreation, consumption, occupation, and education.

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| TIC5010 | INDUSTRIAL ENGINEERING TECHNOLOGY PATHWAY CORE | YEAR COURSE |
|---------|------------------------------------------------|-------------|
|---------|------------------------------------------------|-------------|

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RECOMMENDATION: NONE

GRADES: 9-12

This course is a comprehensive action-based educational course that introduces students to the following technological systems: Design and Engineering Technology, Transportation Technologies, Manufacturing Technologies, Building and Construction Technologies and Electronics and Computer Systems. The curriculum is designed around explorations of these systems and their impacts on society. Students will also be developing problem solving and decision making skills to relate technology to material science, forces and motion, energy and power transformation, the design process, and improving a career plan. Emphasis is placed on broad exploration in cooperative and individualized activities with skill development in workplace communication and safety.

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## AUTOMECHANICS

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| TIN5410 | AUTOMOTIVE TECHNOLOGY I | YEAR COURSE |
|---------|-------------------------|-------------|
|---------|-------------------------|-------------|

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RECOMMENDATION: NONE

GRADES: 9-12

This course provides organized experiences in the design and function of power systems employing various types of engines and mechanisms involved in the development, transmission, and control of power. The study of computer command control systems and the use of computer based equipment will be included. Scientific principles and concepts as applied to automotive technology are infused in the curriculum. Auto body repair and painting are also included.

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| TIN5413 | AUTOMOTIVE TECHNOLOGY II | YEAR COURSE |
|---------|--------------------------|-------------|
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RECOMMENDATION: Passing grade in Auto Tech IIA or  
Instructor's recommendation

GRADES: 10-12

This course provides classroom and laboratory experiences which include training in all phases of automotive maintenance repair work on all types of automotive vehicles. Included is training in the use of technical manuals, computer-based equipment and a variety of hand and power tools. Instruction and practice are provided in all the diagnosis of malfunctions, disassembly of units, parts inspection and repair or replacement of parts involving the engine, ignition and computer command control systems, fuel systems, brakes, transmission, and suspension systems. Automotive body repair and painting are also included. **Industrial Technology lab taken concurrently as part of a double period, 2-credit course. This course may be repeated once for credit.**

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|                |                                               |                    |
|----------------|-----------------------------------------------|--------------------|
| <b>TIN5416</b> | <b>AUTOMOTIVE BODY REPAIR AND REFINISHING</b> | <b>YEAR COURSE</b> |
|----------------|-----------------------------------------------|--------------------|

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RECOMMENDATION: Passing grade in Auto Tech I or Auto Tech II or Instructor's recommendation GRADES: 10-12

This course is organized to provide experiences in the study and application of skills in welding, soldering, frame straightening, plastics, fiberglass, trim, and glass for auto body repair. Painting equipment, spray guns, surface preparation, matching and mixing paints, and recognizing and correcting paint problems are covered in the course. **Industrial Technology lab taken concurrently as part of a double period, 2-credit course. This course may be repeated once for credit.**

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|                |                                               |                    |
|----------------|-----------------------------------------------|--------------------|
| <b>TIK5930</b> | <b>AUTOMOTIVE TECHNOLOGY DIRECTED STUDIES</b> | <b>YEAR COURSE</b> |
|----------------|-----------------------------------------------|--------------------|

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RECOMMENDATION: Passing grade in Auto Tech II or Auto Body Repair and Refinish or Instructor's recommendation GRADES: 11-12

A course for the student who needs, desires, and can profit from individual research and development projects. **Industrial Technology lab taken concurrently as part of a double period, 2-credit course. This course may be repeated once for credit.**

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|                |                                       |                    |
|----------------|---------------------------------------|--------------------|
| <b>TIN5100</b> | <b>AUTO INDUSTRIAL TECHNOLOGY LAB</b> | <b>YEAR COURSE</b> |
|----------------|---------------------------------------|--------------------|

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RECOMMENDATION: Passing grade in Auto Tech I, Auto Tech II, Auto Body Repair and Refinishing or Instructor's recommendation GRADES 10-12

This course is to be taken in conjunction with Auto Tech II, Auto Body Repair and Refinishing, and Auto Tech Directed Studies. This course provides intensive hands-on experience to further strengthen skills for entry level jobs or for continuation into post-secondary education. **This course may be repeated once for credit.**

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## **ELECTRONICS AND ELECTRICAL ENGINEERING**

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|----------------|------------------------------------|--------------------|
| <b>TIN5710</b> | <b>ELECTRICITY AND ELECTRONICS</b> | <b>YEAR COURSE</b> |
|----------------|------------------------------------|--------------------|

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RECOMMENDATION: NONE GRADES: 9-12

This course provides an introduction to the world of electricity and electronics and includes fundamental quantities and their measurement, sources of electricity, magnetism basic circuits, introduction to inductance and capacitance, small motors, and electricity and electronics at home and at work. Laboratory experiments, as well as the designing and fabrication of electrical devices, are included to reinforce and supplement class work. This course prepares students for the Electronics Technology I class.

*Credit for this course may be applied toward the DOE's graduation requirements in science. However, some colleges and universities may not recognize it as satisfying science requirements.*

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|                |                                 |                    |
|----------------|---------------------------------|--------------------|
| <b>TIN5620</b> | <b>ELECTRONICS TECHNOLOGY I</b> | <b>YEAR COURSE</b> |
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RECOMMENDATION: Successful completion of TIN5710 Electricity and Electronics or instructor's approval GRADES: 9-12

This course is designed to introduce subject matter and complete laboratory experiments concerned with the design, development, modification and testing of analog and digital circuits, devices and systems. Simulated class experiences are included. This course prepares students for the Electronics Technology II class.

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|----------------|----------------------------------|--------------------|
| <b>TIN5623</b> | <b>ELECTRONICS TECHNOLOGY II</b> | <b>YEAR COURSE</b> |
|----------------|----------------------------------|--------------------|

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RECOMMENDATION: Successful completion of TIN5620 Electricity Technology I  
or instructor's approval

GRADES: 9-12

This course features advanced study of electronics technology and includes subject matter and laboratory experiments concerned with the design, development, modification and testing of analog and digital circuits, devices and systems. Simulated class experiences are included.

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|----------------|-------------------------------------|--------------------|
| <b>TIK5930</b> | <b>ELECTRONICS DIRECTED STUDIES</b> | <b>YEAR COURSE</b> |
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RECOMMENDATION: Instructor's approval

GRADES: 9-12

This course is for the student who can profit from individual research and development projects. The importance and relationship of research and development being conducted by American industry are stressed. Learning experiences include gathering of technical and scientific information, creating, designing, constructing, testing and evaluating individual or group project problems. Students also learn the AutoCAD computer software program used in industry today. This class is highly recommended for students considering a career in engineering technology.  **This course may be repeated once for credit.**

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|                |                                                          |                    |
|----------------|----------------------------------------------------------|--------------------|
| <b>TIL5100</b> | <b>ELECTRONICS INDUSTRIAL &amp; ENGINEERING TECH LAB</b> | <b>YEAR COURSE</b> |
|----------------|----------------------------------------------------------|--------------------|

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RECOMMENDATION: Successful completion of Electricity and Electronics  
Electronics Tech I & II or instructor's approval

GRADES: 9-12

This is a lab course taken in conjunction with Electronics Tech I or the Electronics Tech II class. It provides intensive, hands-on experiences to further strengthen skills for entry-level positions or for continuation into post-secondary education. Leadership and cooperative skills may also be included.  **This course may be repeated once for credit.**

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## DRAFTING

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|                |                            |                    |
|----------------|----------------------------|--------------------|
| <b>TIN5310</b> | <b>COMPUTER DRAFTING I</b> | <b>YEAR COURSE</b> |
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RECOMMENDATION: NONE

GRADES: 9-12

This course provides classroom learning experiences that are found in drafting technology. Learning activities include: design, spatial visualization and techniques, sketching and use of instruments, shape and size description, multi-view projection, auxiliaries, rotation, pictorial drawings, and utilizes Computer-Assisted-Drawings (CAD) software programs. This course prepares students for the Drafting Technology II course.

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|----------------|-----------------------------|--------------------|
| <b>TIN5313</b> | <b>COMPUTER DRAFTING II</b> | <b>YEAR COURSE</b> |
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RECOMMENDATION: Successful completion of Computer Drafting I  
Or instructor's approval

GRADES: 9-12

GRADES: 11-12

This course organizes learning experiences, which emphasize theory, use of computer/drafting equipment, and laboratory work as they relate to designing, translating data or specifications. Planning, preparing, and interpreting mechanical, architectural, structural, electronics, topographical, and other drawings and sketches are included. Instruction is designed to provide experiences with advanced features of the AutoCAD computer software program. This class is highly recommended for students considering a career in Architecture, Drafting, Computer Graphics, or Engineering.

| <b>TIK5930</b>                                                                                | <b>DRAFTING DIRECTED STUDIES</b> | <b>YEAR COURSE</b> |
|-----------------------------------------------------------------------------------------------|----------------------------------|--------------------|
| RECOMMENDATION: Successful completion of Computer Drafting I & II<br>Or instructor's approval |                                  | GRADES: 9-12       |

This course is for the student who can profit from individual research and development projects. The importance and relationship of research and development being conducted by American industry are stressed. Learning experiences include gathering of technical and scientific information, creating, designing, and evaluating individual or group project problems. Students will learn the AutoCAD computer software program. This class is highly recommended for students considering a career in Architecture, Drafting, Computer Graphics, or Engineering. This course may be repeated once for credit.

| <b>GRAPHICS</b> | <b>ARTS AND COMMUNICATION CAREER PATHWAY CORE</b> | <b>YEAR COURSE</b> |
|-----------------|---------------------------------------------------|--------------------|
| <b>TAC2010</b>  |                                                   |                    |

RECOMMENDATION: NONE GRADES: 9-12

This course is designed for students who plan to pursue careers in the Arts and Communication Career Pathway. Students will be introduced to basic concepts in Visual, Fashion, Performing, Written, and Media Arts. Using an interdisciplinary approach, the following concepts will be covered: 1) Aesthetics, 2) Creativity, 3) Culture, 4) Current Technology, 5) Customer Service, 6) Legal Responsibilities and Ethics, 7) Management, 8) Impact of Media, and 9) Safety. This course is a prerequisite for students pursuing a Career and Technology Education program of study in Arts and Communication.

| <b>TAU2110</b> | <b>GRAPHIC COMMUNICATIONS</b> | <b>YEAR COURSE</b> |
|----------------|-------------------------------|--------------------|
|----------------|-------------------------------|--------------------|

RECOMMENDATION: NONE GRADES: 9-12

This course introduces the student to the graphic design world, where visual theories guide the designer, creating state of the art images using computers and the latest software programs in the graphic design industry. Projects are assigned to explore the many roles in graphic communications; including: researching, designing, logo design, digital photography, photo retouching, printing, vinyl plotting, and screen- printing.

| <b>TAU2116</b> | <b>GRAPHIC COMMUNICATIONS TECHNOLOGY I</b> | <b>YEAR COURSE</b> |
|----------------|--------------------------------------------|--------------------|
|----------------|--------------------------------------------|--------------------|

RECOMMENDATION: Successful completion of Graphic Communications  
or Instructor's approval GRADES: 9-12

This course advances the student's abilities in graphic design to include banner, design/construction, poster design, page layout, and photo-composition. Learning experiences will involve research, design, and production for personal projects and clients including the school and local community.

| <b>TAU2121</b> | <b>GRAPHIC COMMUNICATIONS TECHNOLOGY II</b> | <b>YEAR COURSE</b> |
|----------------|---------------------------------------------|--------------------|
|----------------|---------------------------------------------|--------------------|

RECOMMENDATION: Successful completion of Graphic Communications  
or Instructor's approval GRADES: 9-12

This course allows advanced graphic students the opportunity to showcase their talents by entering local and national contests and by working with real clients. Clients may include but are not limited to the school and local businesses. **This course is repeatable. A student may earn a maximum of two credits.**

## **MEDIA STUDIES**

| <b>TAU2210</b>      | <b>DIGITAL MEDIA TECHNOLOGY</b> | <b>YEAR COURSE</b> |
|---------------------|---------------------------------|--------------------|
| PREREQUISITES: NONE |                                 | GRADES: 9-12       |

This course is designed to give students the skills necessary to support and enhance their learning about digital media technology. Topics will include researching on the internet, netiquette, copyright laws, web-publishing, use of digital imagery, forums, newsgroups, mailing lists, presentation tools, and project planning. The students will have the opportunity to use their skills in advanced technology, leadership, and service in their school and communities. This course is the start of a 3 or 4 year program.

| <b>TAG2210</b>                                                                              | <b>ELECTRONIC MEDIA</b> | <b>YEAR COURSE</b> |
|---------------------------------------------------------------------------------------------|-------------------------|--------------------|
| PREREQUISITES: Successful completion of Digital Media Technology<br>or instructors approval |                         | GRADES: 10-12      |

This course is designed to aid in the development of the student's awareness and understanding of how electronic media is used in the field of communication. The course will examine the relationship between the Humanities (through art, sociology, and copy/script writing), Sciences (through electronics, physics, chemistry), and Technology (through applications of scientific principles and cinematography). The Arts and Communication Lab is taken concurrently as part of a double period 2 credit course.

| <b>TAK2930</b>                                                                      | <b>DIRECTED STUDY IN ARTS AND COMMUNICATION</b> | <b>YEAR COURSE</b> |
|-------------------------------------------------------------------------------------|-------------------------------------------------|--------------------|
| PREREQUISITES: Successful completion of Electronic Media<br>Or instructors approval |                                                 | GRADES: 11-12      |

This course is designed for the student who wants to further explore an interest through individual research and development activities. Emphasis is on arts and communication with opportunities to investigate, design, construct, and evaluate solutions to problems in the arts or communication. The Arts and Communication Lab is taken concurrently as part of a double period 2 credit course. This course may be repeated once for credit.

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## **WOODS**

| <b>TIG5080</b>       | <b>INTRODUCTION TO WOODWORKING</b> | <b>YEAR COURSE</b> |
|----------------------|------------------------------------|--------------------|
| RECOMMENDATION: NONE |                                    | GRADES: 9-12       |

This is an introductory course in the study of the tools, materials and processes used in the woods industries. The study of techniques, economics and consumer information related to the woodworking industry is emphasized. Second semester focuses on the problems and technologies involved in the construction of buildings and the manufacturing of articles made from wood and wood products. Topics include safety, applying basic construction practices, and experimenting with processes and materials. Course learning experiences include experimenting with processes and materials, operating industrial tools, and designing and evaluating wood products.

**TIU5800**

**BUILDING AND CONSTRUCTION TECHNOLOGY I**

**YEAR COURSE**

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RECOMMENDATION: Satisfactory completion of Intro to Woodworking

GRADES: 9-12

This course features classroom and lab experiences that deal with building and construction technology. Learning activities include site selection, use of various leveling instruments, blueprint reading, use of building materials, foundation, floor, ceiling and roof framing, and window, door and interior wall finish.

**TIN5810**

**BUILDING AND CONSTRUCTION TECHNOLOGY II**

**YEAR COURSE**

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RECOMMENDATION: Satisfactory completion of Building & Construction I

GRADES: 9-12

This Level 2 course features advanced study of building construction technology. Students are provided with experiences in layout, fabrication, assembly, and installation of structural units. Also included are estimating and calculating costs, and quality control processes through simulated class experiences. **This course may be repeated once for credit.**

# LANGUAGE ARTS

TEACHER RECOMMENDATION AND SUMMER READING ARE REQUIRED FOR THE AP SECTIONS.

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| LCY1010 | ENGLISH LANG 1 | YEAR COURSE |
|---------|----------------|-------------|
|---------|----------------|-------------|

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Recommendation: Grade 9

Traditional, contemporary, young adult and multicultural literature will be covered by genres or types of literature. Students are introduced to writing and presenting informative discourse through basic expository techniques. Language study emphasizes interpersonal communication. **LC10J** is offered for **English as a Second Language Learners**.

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| LCY2010 | ENGLISH LANG 2 | YEAR COURSE |
|---------|----------------|-------------|
|---------|----------------|-------------|

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Recommendation: Grade 10

This course builds on the skills introduced in English I. Language study includes written and oral expressions of personal and shared values. Multicultural literature is explored. **LC15J** is offered for **English as a Second Language Learners**.

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| LCY3010 | ENGLISH LANG 3 | YEAR COURSE |
|---------|----------------|-------------|
|---------|----------------|-------------|

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Recommendation: Grade 11

American literature is explored. 9th and 10th grade foundations of expository prose are further developed and extended with the introduction of argumentative writing skills. Language study emphasizes word history and meaning, and new vocabulary. **LC20J** is offered for **English as a Second Language Learners**.

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| LCY4010 | ENGLISH LANG 4 | YEAR COURSE |
|---------|----------------|-------------|
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Recommendation: Grade 12

British and World literature are explored. The argumentative writing skills introduced in English III are further developed. Language study emphasizes the relation between language function and style. **LC20J** is offered for **English as a Second Language Learners**.

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## ADVANCED PLACEMENT ENGLISH

The AP English Language and Composition and the AP Literature and Composition classes comply with the College Board Advanced Placement course requirements. Although these English classes are taught in high school, the level of learning is comparable to a college English class. Depending on the results of the mandatory AP exam in May and the university, the student may receive exemption from the required English class or credit as an elective class. The AP Language and Composition is typically taken in the 11<sup>th</sup> grade, since the curriculum correlates to the American literature taught in the junior year, while the AP Literature and Composition is typically taken in the 12<sup>th</sup> grade, since the curriculum correlates to the British literature taught in the senior year.

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|                |                                                    |                    |
|----------------|----------------------------------------------------|--------------------|
| <b>LAY6010</b> | <b>ADVANCED PLACEMENT ENGLISH LANG COMPOSITION</b> | <b>YEAR COURSE</b> |
|----------------|----------------------------------------------------|--------------------|

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RECOMMENDATION: Open admission. Mandatory summer reading  
AP exam required.

GRADE: 11

The Language and Composition course stresses training in the reading and analysis of American nonfiction, nonliterary readings, and prose and the writing of argumentative, narrative, and expository essays along with fictional readings of American literature with a focus on **junior** English curriculum.

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|                |                                                          |                    |
|----------------|----------------------------------------------------------|--------------------|
| <b>LAY6100</b> | <b>ADVANCED PLACEMENT ENGLISH COMPOSITION LITERATURE</b> | <b>YEAR COURSE</b> |
|----------------|----------------------------------------------------------|--------------------|

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RECOMMENDATION: Open admission. Mandatory summer reading  
AP exam required.

GRADE: 12

The Composition and Literature course concentrates on the reading and analysis of British literary works and the writing of critical essays with focus on **senior** English curriculum.

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# LANGUAGE ARTS ELECTIVES

## NEWSWRITING I-IV

## YEAR COURSES

### NEWSWRITING I (LJY8210)

RECOMMENDATION: None

GRADES: 9-12

This course is designed to help students develop various journalistic skills, which include writing, photographing, editing, interviewing, advertising, and layout/page designing. Students are responsible for producing the school newspaper, *The Bulldog* and online newspaper *kaimukibulldog.com*. Although this is an introductory course, many of the requirements will be similar to the advanced classes.

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### NEWSWRITING II (LJY8300)

RECOMMENDATION: C or better in Newswriting I or instructor's approval

GRADES: 9-12

This course builds on the skills introduced in Newswriting 1. As a more experienced staff member of *The Bulldog*, students will be expected to take a bigger role in the production of the newspaper. This may include taking on the role of an editor for the paper or the role of a mentor to less experienced staff members.

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### NEWSWRITING III (LJY8400)

RECOMMENDATION: C or better in Newswriting II  
Or instructor's approval

GRADES: 9-12

This course is designed to further develop student journalistic skills. Students are expected to take on leadership roles by training the other staff members and guiding the school newspaper.

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### NEWSWRITING IV (LJY8500)

RECOMMENDATION: C or better in Newswriting III  
Or instructor's approval

GRADES: 9-12

This course provides an opportunity for serious student journalists to refine their skills and to display their growth from Newswriting III.

# ESLL

## ENGLISH FOR SECOND LANGUAGE LEARNERS

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| <b>NEI1020</b> | <b>ESOL IA</b> | <b>SEMESTER COURSE</b> |
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RECOMMENDATION: Placement by ESLL teacher

GRADES: 9-12

ESOL IA is a required course for those students who are not yet proficient in English. This course introduces and orients students to the school and develops basic language and study skills necessary for survival in the American classroom. The four areas of listening, speaking, reading and writing are developed with the primary focus on listening and speaking. This class will employ a sheltered English approach.

| <b>NEI1025</b> | <b>ESOL IB</b> | <b>SEMESTER COURSE</b> |
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RECOMMENDATION: Placement by ESLL teacher

GRADES: 9-12

ESOL IB is a course for ESLL students, who have limited English ability, are able to follow simple oral and written classroom instructions, answer simple questions orally and in writing, and read simple narratives with comprehension. This course continues to emphasize the listening and speaking skills while developing reading, writing and study skills. This class will employ a sheltered English approach.

| <b>NEI1030</b> | <b>ESOL IIA</b> | <b>SEMESTER COURSE</b> |
|----------------|-----------------|------------------------|
|----------------|-----------------|------------------------|

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RECOMMENDATION: Placement by ESLL teacher

GRADES: 9-12

ESOL IIA is a course for ESLL students who have proficient oral and listening skills, and need further development of their reading, writing, and study skills. Emphasis in this course will be on discussion and other oral skills through reading and writing activities. This class will employ a sheltered English approach.

| <b>NEI1035</b> | <b>ESOL IIB</b> | <b>SEMESTER COURSE</b> |
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|----------------|-----------------|------------------------|

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RECOMMENDATION: Placement by ESLL teacher

GRADES: 9-12

ESOL IIB is an intermediate course for ESLL students who need to further develop their aural/oral English skills and their reading, writing, or study skills. This class will employ a sheltered English approach.

| <b>LRH8100</b> | <b>READING WORKSHOP</b> | <b>SEMESTER COURSE</b> |
|----------------|-------------------------|------------------------|
|----------------|-------------------------|------------------------|

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RECOMMENDATION: Placement by ESLL teacher

GRADES 9-12

Reading Workshop is an intermediate level course for ESLL students who have successfully completed ESOL IIB but has not yet met the mainstream criteria for ESLL. Emphasis in this course is on the further development of a student's reading skills through the use of sheltered instruction strategies.

| <b>LRH8200</b> | <b>STRATEGIC READING</b> | <b>SEMESTER COURSE</b> |
|----------------|--------------------------|------------------------|
|----------------|--------------------------|------------------------|

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RECOMMENDATION: Placement by ESLL teacher

GRADES 9-12

Strategic Reading is an intermediate level course for ESLL students who have successfully completed Reading Workshop II but have yet to meet the mainstream criteria for ESLL. This course will also employ a sheltered English approach.

# MATHEMATICS

Algebra 1



Geometry



Algebra 2



Trigonometry/Pre-Calculus



AP Calculus

**MX9087/MX9089****PRE-ALGEBRA/PROBLEM SOLVING****SEMESTER COURSES**

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RECOMMENDATION: Restricted for ESL, Felix, and Special Ed students only

GRADES: 9-12

Operations with real numbers, Introduction to algebraic symbolism

**MAX1010/MGX1010****ALGEBRA TOPICS/  
GEOMETRY CONCEPTS****SEMESTER COURSES**

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RECOMMENDATION: Restricted for ESLL, and Special Ed students only

GRADES: 9-12

The purpose of these courses is to provide opportunities for students to strengthen and extend their background of algebraic concepts and skills, make generalizations, and use numbers in a variety of situations. In addition, students will also be provided with an opportunity to study geometric relationships with an emphasis on relationships among points, lines, and figures in planes and space.

**MSW1009  
MSW1010  
MSW1011****MATHEMATICS WORKSHOP, GRADE 9  
MATHEMATICS WORKSHOP, GRADE 10  
MATHEMATICS WORKSHOP, GRADE 11****SEMESTER COURSES**

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RECOMMENDATION: Restricted for Special Ed and ESLL students only

GRADES: 9-12

These courses are designed for students who need to strengthen their understanding of math concepts in each of the math strands: Numbers and Operations; Measurement; Geometry and Spatial Sense; Patterns, Functions, and Algebra; and Data Analysis, Statistics, and Probability. Concepts should be systematically developed using concrete materials, multiple representations, and symbols.

**MAX1100****ALGEBRA I****SEMESTER COURSES**

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RECOMMENDATION: None

GRADES: 9-12

These courses cover real numbers, first-degree equations, inequalities, polynomials, quadratics, and rational and irrational numbers.

**MGX1100****GEOMETRY****SEMESTER COURSES**

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RECOMMENDATION: Alg I with a D or  
Teacher recommendation

GRADES: 9-12

These courses will cover relationships and properties of figures, lines, and points. These courses may be taken concurrently with Algebra II.

**MAX1200****ALGEBRA II****SEMESTER COURSES**

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RECOMMENDATION: Alg 1 with a D, Geometry with a D or  
Teacher recommendation

GRADES: 9-12

These courses extend algebra skills to include functions, sequences and series, and matrices.

**MCX1010/MCK1020****TRIGONOMETRY/PRE-CALCULUS****SEMESTER COURSES**

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RECOMMENDATION: Complete Alg 2 with a D or  
Teacher recommendation

GRADES: 9-12

These courses extend the study of elementary functions, and cover graphs and properties of algebraic functions, and transcendental functions, trigonometric identities, rectangular and polar coordinates curve sketching, conics, parametric equations, and vectors.

**MCA1040****ADVANCED PLACEMENT CALCULUS****YEAR COURSE**

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RECOMMENDATION: Complete Trigonometry/Pre-Calculus with a D/D or  
Teacher recommendation

GRADES: 9-12

This course emphasizes Differential and Integral Calculus.

# MISCELLANEOUS ELECTIVE DEPARTMENTS

## ARMY JUNIOR ROTC (JROTC)

Overall program objective: To motivate young people to be better citizens.

### ARMY JROTC

### YEAR COURSES

#### ARMY JROTC 1 (TJR1000)

RECOMMENDATION: NONE

GRADES: 9-12

Promotes development of leadership, responsibility, self-reliance, teamwork, and self-confidence. Course work includes foundations of Junior ROTC, citizenship, service learning, leadership, study skills, physical conditioning, and a wide variety of voluntary co-curricular activities. Meets the graduation requirement for elective credit in the Career and Technical Education category. Does **NOT** entail any military obligation.

#### ARMY JROTC 2 (TJR2000)

RECOMMENDATION: Successful completion of JROTC I

GRADES: 9-12

Continues development of responsibility, self-reliance, teamwork, and self-confidence. Course work includes elements of citizenship, historical development of the United States, communication skills, principles of nutrition, first aid, service learning, leadership development, and a wide variety of voluntary co-curricular activities. Meets the graduation requirement for elective credit in the Career and Technical Education category. Does **NOT** entail any military obligation.

#### ARMY JROTC 3 (TJR3000)

RECOMMENDATION: Successful completion of JROTC II

GRADES: 9-12

Continues development of responsibility, self-reliance, teamwork, and self-confidence. Course work includes continued leadership development to include application of leadership principles, communication skills, conflict resolution, career exploration strategies, personal skills and social responsibilities, service learning, physical conditioning, and a wide variety of voluntary co-curricular activities. Meets the graduation requirement for elective credit in the Career and Technical Education category. Does **NOT** entail any military obligation.

#### ARMY JROTC 4 (TJR4000)

RECOMMENDATION: Successful completion of JROTC III

GRADES: 9-12

Continues development of responsibility, self-reliance, teamwork, and self-confidence. Course work includes advanced course work in leadership development with maximum practical application of leadership skills, service learning, teaching skills, overview of the Department of Defense, physical conditioning, and a wide variety of voluntary co-curricular activities. Meets the graduation requirement for elective credit in the Career and Technical Education category. Does **NOT** entail any military obligation.

## LEADERSHIP TRAINING

**XLP1015**

**LEADERSHIP TRAINING**

**SEMESTER COURSES**

RECOMMENDATION: Democratic Elections or Instructor's approval

GRADES: 9-12

Leadership skills are developed with emphasis on planning, organizing, and executing actual school activities. Cooperative planning, problem solving, communication and management skills, shared responsibilities, servant leadership, and mutual understanding are explored and developed through class activities. **This course may be repeated for credit.**

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## PEER EDUCATION

**HMP1100/HMP1200  
HMP1300/HMP1400**

**PEER EDUCATION IV A/B  
PEER EDUCATION V A/B**

**SEMESTER COURSES**

RECOMMENDATION: Application process

GRADES: 9-12

Are you an open minded and mature young adult? Are you interested in becoming a peer or youth counselor, clinical nurse, or a specialist in pediatrics? Well, if you enjoy working with other teens, and mentoring elementary age children sounds like fun, the Peer Education Program is the course for you. This program is an advanced health, wellness and fitness course that provides leadership enrichment. As a participant you will receive training by certified specialist, offering detailed, scientific data on specific youth risk factors like tobacco and alcohol, harmful and illegal drugs, violence, harassment, teen pregnancy, STD's, HIV and AIDS. The program builds personal skill levels, and teaches students how to be organized. Health fairs, legislative events, and conferences, are valuable field experiences where peers practice effective ways to solve problems, assist others in positive ways, communicate effectively, participate in community service projects, and conduct lessons and symposiums. If you want to make a difference in the world, become a member of the PEP POSSE.

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## SCHOOL SERVICE

**XTH4001**

**SCHOOL SERVICE**

**NON-CREDIT  
SEMESTER COURSE**

RECOMMENDATION: Approval of Teacher and Administration

GRADES: 11-12

The objective of this course is to provide service to the school in the classroom and multi-media services. Under supervision of an adult, students participate in servicing other students and the school. This may include keeping files and assisting teachers.

# MUSIC

The Music Department provides exposure to the fine arts in general music in particular by providing opportunities for creativity and performance in Band, Polynesian Music, Piano, and Music Theory.

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## BAND I-VI

## YEAR COURSES

### **BAND I (FMB2000)**

RECOMMENDATION: Successful completion of middle school Band or Instructor's approval

GRADES: 9-12

The class is designed to further students' skills both as ensemble and individual performers. Students will be expected to participate in all scheduled performances during both school and non-school hours. Concerts, parades, football games and rehearsals after school are required.

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### **BAND II (FMB3000)**

RECOMMENDATION: Band I or Instructor's approval

GRADES: 9-12

The course is designed as a continuation of Band I. Students enrolled in this class are expected to have sufficient skills to enable them to read music of level 3-4 difficulty. Students will be expected to participate in all scheduled performances during both school and non-school hours. Concerts, parades, football games and rehearsals after school are required.

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### **BAND III (FMB4000)**

RECOMMENDATION: Band II or Instructor's approval

GRADES: 9-12

As a continuation of Band II, students will be expected to read music of level 4-5 difficulty. Students should be sufficiently proficient in their instruments to allow more attention to be paid to the aesthetics behind music rather than purely technical aspects. Students will be expected to participate in all scheduled performances during both school and non-school hours. Concerts, parades, football games and rehearsals after school are required.

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### **BAND IV (FMB5000)**

RECOMMENDATION: Band III or Instructor's approval

GRADES: 9-12

As the culmination of the students' experience in band in the public school, these students will be expected to set standards for those who will follow. Students will be expected to participate in all scheduled performances during both school and non-school hours. Concerts, parades, football games and rehearsals after school are required.

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## PIANO

## YEAR COURSES

### **PIANO I (FMK1000)**

RECOMMENDATION: NONE

GRADES 9-12

This course is designed to teach students from basic through intermediate level techniques on playing the piano as well as learning basic concepts of reading music.

### **PIANO II (FMK2000)**

RECOMMENDATION: Piano I or Instructor's approval

GRADES 9-12

This course is designed to further develop piano playing techniques including a better touch, different hand positions, and better tone quality. Basic to intermediate piano literature will be used to help students gain a better understanding and appreciation of music.

**PIANO III (FMK3000)**

RECOMMENDATION: Piano II or Instructor's approval

GRADES 9-12

This course is designed to develop the student's piano playing to a high level of competency by using advance piano literature, including classical, modern and jazz compositions. Students will also work on improving and composing music and on memorizing piano selections.

**PIANO IV (FMK4000)**

RECOMMENDATION: Piano III or Instructor's approval

GRADES 9-12

This course is designed to develop the student's piano playing to a high level of competency by using advance piano literature, including classical, modern and jazz compositions. Students will also work on improving and composing music and on memorizing piano selections.

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**DIRECTED STUDIES IN MUSIC**
**YEAR COURSE****DS-MUSIC 1 (FMD1000)****DS-MUSIC 2 (FMD2000)****DS-MUSIC 3 (FMD3000)****DS-MUSIC 4 (FMD4000)**

RECOMMENDATION: Instructor's approval

GRADES: 9-12

This course is provided to meet the unique interests and skills of students through independent or group study. With the approval and guidance of the teacher, the student develops a project or plan of study to pursue his/her specialized area of interest consistent with the State of Hawaii Music Standards.

**FMM1000****MUSIC THEORY I****YEAR COURSE**

RECOMMENDATION: Instructor's approval

GRADES: 9-12

First semester is for students who desire to learn the basic concepts of music writing, including study of scales, intervals, chord structure, melody writing, dictation and transposition. Second semester is designed to have students learn more about conventional and modern music, major and relative minor scales, and develop listening skills. Students will also learn about chord construction, arranging and composing music.

**FME1000****APPLIED MUSIC****SEMESTER COURSES****FME1800****APPLIED MUSIC 1-8**

RECOMMENDATION: Instructor's approval

GRADES: 9-12

The Applied Music course is designed to help students acquire performance skills and musicianship qualities on an instrument or in singing. Emphasis is placed on simple to complex rhythmic notation, interpretation, resonating tone, and sensitivity. Students are required to perform two selections from the approved list for each quarter. Students are required to perform technical studies (music), and memorize scales commensurate with the difficulty of the memorized selections are not to be shortened. Solo, technical studies and scale must be satisfactorily performed before a passing grade can be given or credit granted. Percussion students are to perform on two of the following: 1) snare drum, 2) timpani, 3) keyboard percussion, 4) multiple percussion.

**GUITAR****YEAR COURSES****GUITAR I (FMF1000)**

RECOMMENDATION: NONE

GRADES: 9-12

This course is designed to help students develop guitar performance skills while learning music fundamentals. Students develop classical guitar performance techniques (picking). Students may supplement the repertoire of the course with selections of interest to them. Basic music reading skills will be taught.

**GUITAR II (FMF2000)**

RECOMMENDATION: Guitar I

GRADES: 9-12

This course is designed to help students develop guitar performance skills while learning music fundamentals. Students develop advanced classical guitar performance techniques through one-octave scale exercises and solos that use first-position notes. Students learn to create compositions and arrangements and to improvise accompaniments for songs. They may supplement the repertoire of the course with selections of interest to them. Basic music reading skills will be taught.

**UKULELE****YEAR COURSES****UKULELE I (FML1000)**

RECOMMENDATION: NONE

GRADES: 9-12

This course is designed to help students develop ukulele performance skills while learning music fundamentals. Students develop ukulele techniques (picking) as well as folk performance skills such as strumming accompaniments to pop music. They perform as soloists and in ensembles while participating in a variety of musical activities that include analyzing, singing, listening and evaluating music. Students supplement the repertoire of the course with selections of personal interest.

**UKULELE II (FML2000)**

RECOMMENDATION: Ukulele I or Instructor's approval

GRADES: 9-12

This course is a continuation of Ukulele I. Advanced picking and strumming techniques learned will add to the student's knowledge.

**UKULELE III (FML3000)**

RECOMMENDATION: Ukulele II or Instructor's approval

GRADES: 9-12

This course is a continuation of Ukulele II. Multiple track recording techniques will be introduced.

**FMP1000****POLYNESIAN MUSIC I****YEAR COURSE**

RECOMMENDATION: Ukulele II or Instructor's approval

GRADES: 9-12

This course is designed to introduce students to the Polynesian culture, language, songs, dances and instruments. Basics of playing various Polynesian instruments will be taught. Participation in school activities will be required. Field trips will also be a part of this course.

**FMP2000****POLYNESIAN MUSIC II****YEAR COURSE**

RECOMMENDATION: Polynesian Music I or Instructor's approval

GRADES: 9-12

This course is a continuation of Polynesian Music I (the ukulele, guitar, or string bass). Advanced work on these instruments will be emphasized. School and public performances are required.

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**FMP3000**

**POLYNESIAN MUSIC III**

**YEAR COURSE**

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RECOMMENDATION: Polynesian Music II or Instructor's approval

GRADES: 9-12

This is a continuation of Polynesian Music II for students who have made satisfactory improvement on their instruments. Instrumental, vocal, and dance solos will be emphasized. School and public performances are required.

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**FMP4000**

**POLYNESIAN MUSIC IV**

**YEAR COURSE**

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RECOMMENDATION: Polynesian Music III or Instructor's approval

GRADES: 9-12

This is a continuation of Polynesian Music III for students who have made satisfactory improvement on their instruments. School and public performances are required. Multiple-track recording techniques will be introduced.

# PERFORMING ARTS CENTER

The Performing Arts Center (KHSPAC) offers classes in acting, singing, technical theatre, instrumental music, and dance/movement. There are frequent opportunities for students to perform on the main stage and elsewhere on campus, as well as in the community. Students can explore career opportunities as performers and technical workers “behind the scenes” as they develop skills and attitudes required for success in all work situations.

If you are interested in performing arts classes please contact the Performing Arts Coordinator, Ms. M. J. Matsushita, for information and guidance. Acceptance into KHSPAC courses may require advance approval or the instructor's signature. Some courses may not be offered every year.

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| <b>FTA1300</b> | <b>BEGINNING ACTING</b> | <b>YEAR COURSE</b> |
|----------------|-------------------------|--------------------|
|----------------|-------------------------|--------------------|

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RECOMMENDATION: NONE

GRADES: 9-12

Learn how to look poised in Beginning Acting. You will study pantomime, movement for actors, voice and diction, oral expression, relaxation, concentration, character analysis, and how to memorize. You will gain an understanding of and appreciation for theatre from various cultures and time periods. Other activities may include scriptwriting, videotaping, participation in the annual Shakespeare Festival, and portfolio making. **This course may be repeated once for credit.**

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| <b>FTA2000</b> | <b>INTERMEDIATE ACTING</b> | <b>YEAR COURSE</b> |
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RECOMMENDATION: Successful completion of Beg Acting/equivalent

GRADES: 9-12

In Intermediate Acting, students with previous acting experience will expand their performance skills through theatre games, improvisation, scene study, and main stage productions. Improvisation and writing skills are needed to create a script in this course. You will be asked to prepare scenes and productions for audience presentation including the Shakespeare Festival, as a performer or member of the production crew. Classroom activities will build upon skills developed in prior acting classes, toward preparation for post-secondary study. Ninth graders may be eligible, based on prior training and experience. **This course may be repeated once.**

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| <b>FTA3000</b> | <b>ADVANCED ACTING</b> | <b>YEAR COURSE</b> |
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RECOMMENDATION: Successful completion of Int Act/equivalent

GRADES: 9-12

This course emphasizes learning discipline and concentration in the art of acting. Work in freeing the body and vocal projection is continued with more intensive work on special acting techniques. Characterization, physical, vocal, and emotional projections, timing, and pacing are all studied and practiced through improvisations and performing scenes from various plays. Character, line, and play analysis are integral parts of this course. Students are expected to try out for school and community plays. **This course may be repeated once for credit.**

**CREATIVE DANCE****YEAR COURSES****CREATIVE DANCE 1 (FDC1000)**

RECOMMENDATION: NONE

GRADES: 9-12

**CREATIVE DANCE 2 (FDC2000)**

RECOMMENDATION : Successful completion of 1 or equivalent

GRADES: 9-12

**CREATIVE DANCE 3 (FDC3000)**

RECOMMENDATION : Successful completion of 2 or equivalent

GRADES: 9-12

**DIRECTED STUDIES CREATIVE DANCE (FDD1000)**

RECOMMENDATION : Successful completion of 3 or equivalent

GRADES: 9-12

You can develop your dance techniques and abilities for personal fitness, recreation, or a future career.

Instructors are professional dancer/educators who stress proper technique and safety. Qualified students may be appointed as dance captains. Student choreography is encouraged. There are performances for school and public audiences. Students learn audition skills and are encouraged to participate in the spring musical. Overall dance technique and appreciation is essential to the course.

**THEATRE CRAFT****YEAR COURSES****THEATRE CRAFT 1 (FTC1000)****THEATRE CRAFT 2 (FTC2000)**

RECOMMENDATION: NONE

GRADES: 9-12

Welcome to the world of backstage theatre. You will work with hand and power tools and theatre equipment as you learn set design and construction, painting and prop-making, theatre lighting and sound design. Theatre safety requirements are stressed. Qualified students may run lights, sound, video, or stage crew for KHSPAC performances or other productions on campus. Advanced students may be given leadership assignments as crew chiefs, assistants to lighting or technical directors, to set/props designers, or as an independent stage manager. Students may be recommended for part time employment in the community.

**FTD1000****DIRECTED STUDIES IN THEATRE****YEAR COURSE**

RECOMMENDATION: "B" or better in at least two years of performing arts classes and the instructor's signature. Choices are Dance **OR** Acting/Directing/Theatre Management **OR** Technical Theatre **OR** Voice

GRADES: 9-12

Advanced level students who have demonstrated the interest and ability to benefit from specialized study in a particular field of theatre arts can work with one or more mentors who are acknowledged theatre professionals. They will assess students' work and offer recommendations for post-secondary study or employment. Fields offered are: Acting/Directing/Theatre Management; Dance; Technical Theatre; or Voice. **This course may be repeated once for credit.**

**CHORUS****YEAR COURSES****CHORUS 1 (FMC1000)**

RECOMMENDATION: NONE

GRADES: 9-12

**CHORUS 2 (FMC2000)**

RECOMMENDATION: Successful completion of preceding levels

GRADES: 9-12

**CHORUS 3 (FMC3000)**

RECOMMENDATION: Successful completion of preceding levels

GRADES: 9-12

**CHORUS 4 (FMC4000)**

RECOMMENDATION: Successful completion of preceding levels

GRADES: 9-12

Learn basic performance skills: singing in unison, harmony, and solo in a variety of musical styles. Music fundamentals will be taught along with proper breathing and singing techniques. Advanced students may be assigned as section leaders or to conduct an ensemble vocal piece. There will be opportunities to sing for audiences.

**FMD1000****DIRECTED STUDIES IN MUSIC****YEAR COURSE**

RECOMMENDATION: Successful completion of Chorus 4

GRADES: 9-12

Advanced students have the opportunity to pursue a specific interest or project in music or performance under the guidance of KHSPAC staff or other community professionals.

**PLAY PRODUCTION****YEAR COURSES****PLAY PRODUCTION 1 (FTP1000)****PLAY PRODUCTION 2 (FTP2000)**

RECOMMENDATION: Acceptance by audition or Instructor's approval

GRADES: 9-12

This is a hands-on, experiential approach to learning the production and performance skills necessary to prepare a theatre presentation for an audience. Students learn appropriate rehearsal behavior and techniques, along with life skills such as group collaboration, following directions, self-discipline, and responsibility. Students are responsible for production, set design and construction, lighting, sound, costuming, stage makeup, marketing and performances. Qualified students are eligible for leadership responsibilities under the supervision of the KHSPAC staff. This after-school class is open to students from all public high schools. **This course may not be offered every year.**

**FME1000****APPLIED MUSIC 1****YEAR COURSE**

RECOMMENDATION: Acceptance by audition only.

GRADES: 9-12

Students in this class are expected to sight read and perform for classes, rehearsals, and performances. They may work with the musical director, the artistic director, the choreographer, or the cast of a musical production.

# PHYSICAL EDUCATION / HEALTH / GUIDANCE

## OBJECTIVES:

- To promote physical fitness
- To develop basic physical skills in a wide variety of sports
- To promote good sportsmanship
- To develop good health habits
- To develop decision-making skills in education, vocation and recreation

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| <b>PEP1005</b> | <b>PHYSICAL EDUCATION, LIFETIME FITNESS</b> | <b>SEMESTER COURSE</b> |
|----------------|---------------------------------------------|------------------------|
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RECOMMENDATION: NONE

GRADES: 9-12

This is a required semester course usually taken as a 9th grader. It is designed to provide students with knowledge and skills in a variety of team and individual sports. Course content also includes basic information and skills related to personal fitness.

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| <b>PEP1010</b> | <b>PHYSICAL EDUCATION, LIFETIME ACTIVITIES</b> | <b>SEMESTER COURSE</b> |
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RECOMMENDATION: Satisfactory completion of beginning PE

GRADES: 9-12

This is a required semester course usually taken by 10th graders. It is designed to provide students with additional knowledge and skills in a variety of team and individual sports. Course content also includes basic information and skills related to personal fitness.

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| <b>HLE1000</b> | <b>HEALTH-TODAY AND TOMORROW</b> | <b>SEMESTER COURSE</b> |
|----------------|----------------------------------|------------------------|
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RECOMMENDATION: NONE

GRADES: 9-12

This is a required course usually taken in the 10<sup>th</sup> grade. The focus is on the health needs and interests of students who will prepare them to take full responsibility for their health as adults. The course includes units on injury and violence prevention, alcohol and drug use prevention, sexual health and responsibility, tobacco use prevention, nutrition and physical activity, mental and emotional health, and personal and consumer health.

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| <b>TCG1100</b> | <b>CAREER AND LIFE PLANNING</b> | <b>SEMESTER COURSE</b> |
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RECOMMENDATION: NONE

GRADES: 9-12

This required course, usually taken in grade 9, emphasizes educational-career development. Course content includes self-appraisal, current and post-high school educational planning and career exploration.

# SCIENCE

**Remember that (3) credits in science is the minimum requirement for graduation from high school.**

As a result of instruction in science education, student development is guided towards attaining all state standards that:

- Develop decision-making and problem-solving skills.
- Develop independence in learning.
- Develop physical and emotional health.
- Recognize and pursue career development as an integral part of personal growth and development.
- Develop a continually growing philosophy that reflects responsibilities to self as well as to others.

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**SPH2603****PHYSICAL SCIENCE****YEAR COURSE**

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RECOMMENDATION: Grade 9

GRADES: 9-12

A standards-based introductory course that integrates major theories traditionally learned separately in Chemistry and Physics. Students use scientific investigation and study relationships between science, technology and society to understand concepts. Chemistry concepts include the physical and chemical properties of matter, the physical and chemical changes of matter, and the conservation of matter and energy. Physics concepts focus on different forms of energy and energy transformations, relationships between force, mass and motion of objects, and understanding the major natural forces of gravity, electricity and magnetism. Basic scientific inquiry skills are developed. **SPH2603J** is offered for **English as a Second Language Learners**.

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**SLH2003****BIOLOGY****YEAR COURSE**

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RECOMMENDATION: Grade 10

GRADES:9-12

A standards-based introductory course that develops an understanding of fundamental life processes, relationships between structure and function, relationships between organisms and their biological and physical environments, classification, molecular processes, genetics and natural selection. Emphasis is on the use of scientific investigations to develop inquiry process skills and strategies and clarify the basic concepts of life and the impact of humans and technology on the quality of life. **SLH2003J** is offered for **English as a Second Language Learners**.

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**SPH3503****CHEMISTRY****YEAR COURSE**

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RECOMMENDATION: Grades 11-12, Biology Credit & C or better in Algebra IA

GRADES: 11-12

Chemistry is a standards-based high school level course that emphasizes content mastery and critical thinking via scientific investigation in the laboratory, inquiry process skills, and learning and memorization strategies. The course involves a great many mathematical computations based on Algebra I. Chemical content covered include: matter/energy relationships, thermal energy and changes of state, the metric system and measurement of matter, atomic structure, the Periodic Table and periodicity, chemical nomenclature, chemical bonding, chemical reaction types, stoichiometric calculations, gases, liquids, solids and intermolecular forces (IMF's), dynamic equilibrium and reaction rates, and acids and bases. **A college preparatory course.**

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**SLH7503****HUMAN PHYSIOLOGY****YEAR COURSE**

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RECOMMENDATION: Grades 11-12, Biology credit

GRADES: 11-12

Human Anatomy and Physiology is considered a second year biology course with an in-depth focus on the anatomy and functions of the human organism and its parts. Emphasis is on using scientific inquiry and analysis of the relationships between science, technology, and society to cover concepts of systems such as blood, circulation, respiration, nutrition, digestion, metabolism, skeletal/muscular system, nervous system, and reproduction. **A college preparatory course.**

**SEH2503****MARINE SCIENCE****YEAR COURSE**

RECOMMENDATION: Grades 11-12, Biology credit

GRADES: 11-12

This is a laboratory course in physical and biological marine sciences as well as aquaculture with an emphasis on inquiry and problem solving using the Research Investigation Process. Students are to meet all benchmarks in Marine Science, including Scientific Investigation, Nature of Science, Oceanography, Ecological Systems, Organism Structure and Function, and Interdependence of Humans and the Ocean.

**SPH5603****PHYSICS****YEAR COURSE**

RECOMMENDATION: Grades 11-12, Algebra II credit or concurrent registration

GRADES: 11-12

This is a laboratory course in physics with an emphasis on inquiry and problem solving using the Research Investigation Process. Students are to meet all benchmarks in physics, including Scientific Investigation, Nature of Science, Matter and Energy Conservation, Force and Motion, Heat and Thermodynamics, Waves, Electric and Magnetic Phenomena, and Modern Physics. **A college preparatory course.**

**SPH6003****BASIC PHYSICS****YEAR COURSE**

RECOMMENDATION: Grades 11-12, Credit in Algebra 1A

GRADES: 11-12

Basic Physics is a course that emphasizes the use of physics terms and concepts to explain phenomena that occur in the universe around us. Students use scientific investigation and study relationships between science, technology and society, in the context of physics content. This includes the relationship between forces, mass, and motion of objects as well as basic understandings regarding major natural forces of gravity, electricity and magnetism. Concepts will be emphasized rather than mathematical problem solving.

**SIH3603****ENVIRONMENTAL SCIENCE****YEAR COURSE**

RECOMMENDATION: Grades 11-12, Preference given to Special Ed students

GRADES: 11-12

This is a problem or issues-based course where students investigate environmental issues (e.g. watershed, forestry, global warming, introduction of new species to an environment, etc.) and problems of our technological society. Students analyze environmental issues, identify and evaluate alternative solutions, and take appropriate actions to help maintain or improve the quality of our sustainable environment. Emphasis is on the use of scientific investigation, GIS and fieldwork to study the local and global environment.

**SLH8003****ADVANCED PLACEMENT BIOLOGY****YEAR COURSE**

RECOMMENDATION: Grades 11-12, B or better in Biology and Chemistry

GRADES: 11-12

AP Biology is comparable to a first year **college-level** course that emphasizes developing an understanding of concepts and science as a process, recognizing unifying themes that integrate and apply critical thinking to environmental and social concerns, and using extensive laboratory experience to clarify underlying principles of biology. This rigorous course helps to prepare students for the Advanced Placement Examination, which is three hours in length and is administered in May. The laboratory work done by all student is equivalent to work completed by college students and is an integral part of the course. Concepts include molecules and cells, the unity and diversity among organisms, connections between form and function, genetics and evolutionary change, energy and matter essential for life, biochemistry, microbiology, and ecological interaction. **A college level course.**

**Students wishing to complete AP Biology and Physics or Human Physiology are encouraged to plan carefully. It may be necessary to complete a summer school science course or to take an additional science as an elective.**

# SOCIAL STUDIES

To graduate, students are required to complete (4) credits of social studies. Students may not sign up for more than one required Social Studies class per year until their senior year when they may take additional elective credits. Signing up for an AP section is open to any student. The AP classes provide the students with an opportunity to take a college level course and receive college credit. Students taking AP sections must also take the AP Exam in May.

| Incoming Freshmen and Sophomores<br>Class of 2012 and 2013     | Incoming Juniors and Seniors<br>Class of 2010 and 2011         |
|----------------------------------------------------------------|----------------------------------------------------------------|
| 9 <sup>th</sup> : World History                                | 9 <sup>th</sup> : MHH/PID                                      |
| 10 <sup>th</sup> : U.S. History                                | 10 <sup>th</sup> : U.S. History                                |
| 11 <sup>th</sup> : MHH/PID                                     | 11 <sup>th</sup> : World History                               |
| 12 <sup>th</sup> : Economics, Geography, Psychology, Sociology | 12 <sup>th</sup> : Economics, Geography, Psychology, Sociology |

|                        |                        |                    |
|------------------------|------------------------|--------------------|
| <b>CHW1100</b>         | <b>WORLD HISTORY 9</b> | <b>YEAR COURSE</b> |
| <b>CHW1100J (ESLL)</b> |                        |                    |

RECOMMENDATION: Grade 9

This course is a study of the historical development of the world focusing on major civilizations and selected cultures that have contributed to the development of modern cultures of today.

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| <b>CHU1100</b>         | <b>US HISTORY AND GOVERNMENT</b> | <b>YEAR COURSE</b> |
| <b>CHU1100J (ESLL)</b> |                                  |                    |

RECOMMENDATION: Grade 10

This course focuses on issues and principles of liberty, justice, and equality derived from the Constitution and Bill of Rights. Also included will be the causes and effects of the Civil War through the study of contemporary problems in the United States.

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|------------------------|-------------------------|--------------------|
| <b>CHW1100</b>         | <b>WORLD HISTORY 11</b> | <b>YEAR COURSE</b> |
| <b>CHW1100J (ESLL)</b> |                         |                    |

RECOMMENDATION: Grade 11

This course is a study of the historical development of the world focusing on major civilizations and selected cultures that have contributed to the development of modern cultures of today.

|                |                              |                        |
|----------------|------------------------------|------------------------|
| <b>CSD2500</b> | <b>ECONOMICS</b>             | <b>SEMESTER COURSE</b> |
|                | Must be taken with Geography |                        |

RECOMMENDATION: Grade 12

The Economics course helps students realize that information about business, government and economics, can help control life and money. The course will explain how businesses get started, how they operate and how consumers and businesses must deal with changing economic issues.

**CSD2100**

**GEOGRAPHY**  
Must be taken with Economics

**SEMESTER COURSE**

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RECOMMENDATION: Grade 12

This course is a synthesis of the geographical concepts of spatial terms, places and regions, physical and human systems, and the environment. Students examine past and present societies using the tools and methodologies of the geographer to develop and evaluate ecosystems, human patterns, and consequences of human activities on the earth.

**CSD2200**

**PSYCHOLOGY**  
Must be taken with Sociology

**SEMESTER COURSE**

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RECOMMENDATION: Grade 12

Psychology is the scientific study of the behavior and thinking of organisms. This course helps students to understand the physiological and psychological basis for human behavior. Students focus on examining research methods in Psychology, exploring different learning theories, and understanding aspects of behavior disorders.

**CSD2300**

**SOCIOLOGY**  
Must be taken with Psychology

**SEMESTER COURSE**

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RECOMMENDATION: Grade 12

Sociology is a study of people in society emphasizing the nature of culture, organization of society, social conflict, and socialization. Sociology emphasizes inquiry using sociological methodologies and practices. It is designed to focus on the understanding of relationships among cultures, cultural change, and social institutions and conditions.

**CGU2200S**

**AMERICAN PROBLEMS**

**SEMESTER COURSE**

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RECOMMENDATION: Grade 12; SPED students only

The primary objective of American Problems is to give students practical working knowledge of the judicial system and its laws. Units include: 1) the legal system, 2) the criminal justice system, 3) family law, and 4) individual rights and liberties. Current issues and problems of American society will also be emphasized.

**CGU2100S**

**POLITICAL PROCESS**

**SEMESTER COURSE**

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RECOMMENDATION: Grade 12; SPED students only

This course focuses on political analysis and the ideas and values of U.S. constitutional government. It requires students to engage in civic actions including political process. It looks at local, state, national, and global issues and policies through the concepts of cooperation, conflict, and interdependence.

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## Advanced Placement Social Studies

The Social Studies Department offers two Advanced Placement Courses and complies with the College Board Advanced Placement course requirements. The AP courses are designed to provide students with college level course of learning in high school. Enrollment is open to anyone. Students who sign up for an AP course must take the AP exam in May as part of their curriculum and are subject to the No Drop Policy of the school. Students may receive credit or exemptions from taking the course in college.

**CSA2300**  
**CSA2400**

**AP PSYCHOLOGY I**  
**AP PSYCHOLOGY II**

**SEMESTER COURSES**

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RECOMMENDATION: Grade 12

AP Psychology is a survey of psychological concepts and its applications. The course exposes students to the scientific study of people both behaviorally and cognitively. The course covers theories of development, biological influences of behavior, the brain, memory, thinking and language, personality, learning, sensation and perception, motivation, abnormal behavior, and treatment. Students who accept the challenge of AP Psychology leave the class with a new, more scientifically based view of people and become better thinkers.

**CHA6100**

**AP U.S. HISTORY**  
AP course replace required course

**SEMESTER COURSES**

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RECOMMENDATION: Grade 10

This AP U.S. History course focuses on exploration and settlement of the New World, colonial society and the Revolution, the establishment of the Constitution and the New Republic, nationalism and economic expansion, sectionalism, the Civil War and Reconstruction, and industrialization. The second semester emphasis is on the 19-20 Century intellectual and cultural movements, national politics, foreign policy, and the post-war period under Eisenhower, Kennedy, Johnson, Nixon, and Reagan. Emphasis is on analysis and interpretation of primary sources, which includes the use of documentary material, maps, statistical tables, and pictures to write analytical papers. This course is intended for students working to complete studies equivalent to a college introductory course in this field.

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## MULTIDISCIPLINARY

XM36-45

YEARBOOK PRODUCTION I-IV

YEAR COURSES

### YEARBOOK PRODUCTION I (XYY8610)

RECOMMENDATION: NONE

GRADES: 9-12

Students are responsible for producing the school's yearbook, *Ka Hali'a*. Journalistic skills such as photographing, interviewing, editing, advertising, writing, and layout/page designing, are learned throughout the year. Students are expected to adhere to standard journalistic practices and to produce quality work.

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### YEARBOOK PRODUCTION II (XYY8630)

RECOMMENDATION: C or better in Yearbook I or instructor's approval

GRADES: 9-12

This course builds on the skills and knowledge introduced in Yearbook Production I. As a more experienced staff member of *Ka Hali'a*, students will be expected to take a bigger role in producing the yearbook. This may include taking on the role of an editor for the yearbook or the role of a mentor to less experienced staff members.

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### YEARBOOK PRODUCTION III (XYY8650)

RECOMMENDATION: C or better in Production II or instructor's approval

GRADES: 9-12

This course is designed to further develop student skills in Yearbook production. Students are expected to take on Leadership roles by training the other staff members and guiding the school newspaper.

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### YEARBOOK PRODUCTION IV (XYY8670)

RECOMMENDATION: C or better in Production III or instructor's approval

GRADES: 9-12

This course provides an opportunity for students to refine their skills and to display their growth from Yearbook Production III.

## ADVANCEMENT VIA INDIVIDUAL DETERMINATION

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TCG1011

COLLEGE STUDY SKILLS

YEAR COURSE

RECOMMENDATION: Instructor's approval

GRADES: 9-10

College Prep Study Skills (AVID) elective course designed for students with a 2.0 – 3.5 GPA and who are college bound. While concurrently enrolled in regular or accelerated English, Mathematics, Social Studies, and Foreign Language courses that meet requirements, students learn strategies to enhance success in college preparatory course work. Students work individually, as well as in tutor-led collaborative groups. The following concepts are emphasized in the AVID 10 elective: Cornell note taking, strategies for effective writing and reading, presentation skills (speaking and listening), test-taking strategies, binder organization and character development. In addition, the course includes activities designed to motivate students to pursue a college education as a post-secondary pathway. AVID students are expected to maintain grades of a C or higher in all courses in order to meet four year college entrance requirements.

# SPECIAL EDUCATION COURSES

## Diploma Track

### Language Arts

|          |           |                        |
|----------|-----------|------------------------|
| LCY1010S | English 1 | 9 <sup>TH</sup> Grade  |
| LCY2010S | English 2 | 10 <sup>TH</sup> Grade |
| LCY3010S | English 3 | 11 <sup>th</sup> Grade |
| LCY4010S | English 4 | 12 <sup>th</sup> Grade |

### Mathematics

|                     |                               |                        |
|---------------------|-------------------------------|------------------------|
| MXX9087S / MXX9089S | Pre-Algebra / Problem Solving | 9 <sup>th</sup> Grade  |
| MAX1100S            | Algebra 1                     | 10 <sup>TH</sup> Grade |
| MAX1010S / MGX1010S | Alg Topics / Geom Concepts    | 11 <sup>TH</sup> Grade |
| MGX1100S            | Geometry                      | 12 <sup>th</sup> Grade |

### Social Studies

|                     |                                 |                        |
|---------------------|---------------------------------|------------------------|
| CHW11009S           | World History                   | 9 <sup>TH</sup> Grade  |
| CHU1100S            | U.S. History                    | 10 <sup>TH</sup> Grade |
| CHW110011S          | World History                   | 11 <sup>th</sup> Grade |
| CGU2100S / CGU2200S | Pol Process / American Problems | 12 <sup>th</sup> Grade |

### Science

|          |                       |                        |
|----------|-----------------------|------------------------|
| SPH2603S | Physical Science      | 9 <sup>th</sup> Grade  |
| SLH2003S | Biology               | 10 <sup>th</sup> Grade |
| SEH2503S | Marine Science        | 11 <sup>th</sup> Grade |
| SIH3603S | Environmental Science | 12 <sup>th</sup> Grade |

### Misc. Requirements

|                     |                               |                        |
|---------------------|-------------------------------|------------------------|
| TCG1100S / PEP1005S | Career Life / PE Life Fitness | 9 <sup>th</sup> Grade  |
| HLE1000S / PEP1010S | Health / PE Life Active       | 10 <sup>th</sup> Grade |

### Electives

|                       |                  |                                          |
|-----------------------|------------------|------------------------------------------|
| XAG1010SA / XAG1010SB | Study Skills A/B | 9 <sup>th</sup> – 12 <sup>th</sup> Grade |
|-----------------------|------------------|------------------------------------------|

## **Self-Contained Classes**

The same courses are offered in our Fully Self-Contained Classes as in our Diploma Track Classes. However, we will also add MSW1009S & MSW1010S Math Workshop as electives.

## **NON-DIPLOMA TRACK**

Community-Based Instruction Program (Non-credit SPED year courses)

CBI Program 1 (NSC1010)

CBI Program 2 (NSC1020)

CBI Program 3 (NSC1030)

CBI Program 4 (NSC1040)

CBI Program 5 (NSC1050)

CBI Program 6 (NSC1060)

## **Non-credit courses for disabled high school students in SPED**

Home Living Skills / Adapted PE IV

Arts and Crafts IA/IB

