

**Governor Wallace Rider  
Farrington High School**

---

# **Course Description Manual**

**and  
Career  
Planning  
Guide**

**2019-2020**

---

[www.farringtonhighschool.org](http://www.farringtonhighschool.org)

[www.farringtonhighschool.org](http://www.farringtonhighschool.org)

GOVERNOR WALLACE RIDER FARRINGTON HIGH SCHOOL

1564 North King Street  
Honolulu, Hawaii 96817  
808-305-5000

HONOLULU DISTRICT

DEPARTMENT OF EDUCATION  
STATE OF HAWAII

**PRINCIPAL:**

Mr. Al Carganilla

**VICE PRINCIPALS:**

Ms. Lisa Joy Andres  
Mr. Daryl Ishihara  
Mrs. Julie Ledgerwood  
Mr. Hartwell Lee Loy  
Mr. Ronald Oyama

**COUNSELORS:**

Mr. Rediet Gebrezghi  
Ms. Shan Hashimoto  
Ms. Marianne Honda  
Mr. Regan Honda  
Ms. Renee Kaaha'aina  
Mr. Joseph Kealoha  
Ms. Rayne Lau  
Mrs. Jane Lee  
Mrs. Anna Medeiros-Bruno  
Ms. Chelsey Muroda  
Mrs. Marie Paresa  
Mrs. Victoria Viernes

**REGISTRARS:**

Mr. Layne Fujimoto  
Mr. Brian Okada

## **TABLE OF CONTENTS**

	<b>PAGE</b>
<b>General Information</b>	1
<b>Registration Information</b>	2
<b>Registration Instructions</b>	3
<b>Graduation Requirements</b>	4
<b>W.R. Farrington High School Program</b>	5
<b>Departments</b>	<b>6-30</b>
Career and Technical Education (CTE)	6-12
English Language Learners (ELL)	13
Fine Arts	14-16
Guidance	17-18
Junior Reserve Officers' Training Corps-JROTC	19
Language Arts	20-21
Mathematics	22
Physical Education/Health	23
Science	24
Social Studies	25-26
Special Education	27
World Languages	28-30
<b>Academies</b>	<b>31-41</b>
4 year HALE/Academy Outline	31
Arts and Technology Academy	32
Business Academy—Business Focus	33-34
Engineering Academy	35-36
Governors Public Service Academy—Culinary POS	37
Governors Public Service Academy—Education POS	38-39
Health Academy	40
Advanced Placement Courses	41

# GENERAL INFORMATION

## Student Residence

Students must reside within the W.R. Farrington High School boundaries with their parents or legal guardians. Evidence of residency must be provided when enrolling in the form of 2 current utility bills, public housing lease verification letter or other approved documents verification.

## Geographic Exception (GE)

Form CHP 13-1, must be filed by all students who wish to attend Farrington, but do not have Farrington as their designated home school. The form, available at any school, must be submitted by March 1st. (A lottery may be conducted the first Friday in April.) Once a GE has been approved, it is valid until the student completes the terminal year at the school.

Incoming Grade 9 students must register with their home schools. Farrington students filing for a GE to attend another school should complete their Farrington registration anyway. Should their GE's be granted, their registration can be easily canceled and/or forwarded to his/her receiving school.

## Health Requirements for New Students

Students entering public schools in Hawaii for the first time and certain overseas transferees must meet the following requirements:

1. Tuberculosis (TB) clearance - Without such clearance the student will not be enrolled.
2. Physical examination including required immunizations - Students who have not completed the physical examination and immunization requirements must provide documentation of a scheduled appointment before being admitted to school and must complete all exam and immunization requirements within 90 days of enrollment or they will be denied attendance.

## Power of Attorney (POA) Forms

All students not residing with parents or court ordered guardians must have a valid Power of Attorney Form. This must have been initiated within the past 12 months. POA's must be re-done every 12 months to remain legal.

## Physical Education (PE) Exemptions

Exemptions from meeting the physical education requirements shall be granted by the administration only upon written request of a licensed physician. Entering Grade 9 students warranting such exemptions should present their requests to their counselor or the registrar during registration so they can be forwarded to the principal and the exemption recorded on their transcripts.

## PE Substitutions

One credit of PE requirement may be substituted for two credits of completed JROTC or Band. Students wishing to take elective PE credit may be required to take and pass the required PE course first.

## Program Changes

Farrington High School will plan its Master Schedule and teacher assignments from the students' course selections. The number of required and elective course sections will be scheduled according to how many students select the course as one of their choices during the registration period in the previous school year. Thus, program changes will **not** be made after the Master Schedule is completed **EXCEPT** for the following reasons:

- Course has already been taken.
- Incorrect level placement.
- Failure to complete a prerequisite.
- Summer school achievement or failure.
- Technical errors such as an incomplete schedule or a duplication of courses.

## Promotion at Farrington High School

In order to be promoted from one grade level to the next, a student must accumulate credits accordingly:

TO GO FROM - Grade 9 to 10: 5 or more credits  
Grade 10 to 11: 11 or more credits  
Grade 11 to 12: 17 or more credits

## Grade Level Changes

Grade level upgrades are only made at the end of the academic school year.

The only exceptions are 4<sup>th</sup> year seniors who are on track to earn all required credits for graduation by the end of the current school year.

**Requirements for transfers:** Students transferring from out-of-state, a foreign country, or a private school shall meet the State of Hawaii DOE requirements for graduation, or shall show evidence of equivalency in meeting the requirements. All transferees are responsible for obtaining Official Transcripts from their previous high school(s).

## Nondiscrimination in Services

The Hawaii State Department of Education (HSDOE) and its schools do not discriminate on the basis of race, sex, age, color, national origin, religion, or disability in its programs and activities and provides equal access to designated youth groups, including the Boy Scouts. Please direct inquiries regarding HSDOE nondiscrimination policies as follows:

### For Section 504 inquiries

Section 504 Education Specialist  
Comprehensive Student Support Services  
Hawaii State Department of Education  
475 22<sup>nd</sup> Avenue, Building 302, Room 204  
Honolulu, Hawaii 96816  
(808) 305-9787 or relay

### For Title VI, Title IX, ADA, and other inquiries

Director  
Civil Rights Compliance Office  
Hawaii State Department of Education  
P.O. Box 2360  
Honolulu, Hawaii 96804  
(808) 586-3322 or relay

## REGISTRATION INFORMATION

- School Structure:** Wallace Rider Farrington High School is a four-year public high school.
- Equal Access:** Students have equal access to courses, programs, and services without regard to race, color, religion, sex, handicap or national origin. Classes are conducted on a co-ed basis, open equally to females and males.
- Block Scheduling:** Block scheduling (4 classes x 4 terms) requires students to register for an eight credit year. Exceptions are granted only with the approval of the administration and only for meaningful part-time employment or other educational alternatives.
- Attendance:** Students are expected to abide by the Hawaii revised Statutes: Compulsory Attendance Law and attend all classes. Absences can only be excused by a parent note which states date(s), time and reason for the absence.
- Graduation:** Graduation from Farrington High School can only take place in May or June of the students' fourth year attending high school. Following certain strict guidelines, some students may qualify for and register in grade 12, alternative educational opportunities (Running Start) or work related, release time from campus.
- Prerequisites:** Prerequisites must be met before registering for most courses. Students are to make wise and careful selections. Consideration should be given to graduation requirements, vocational or college entrance requirements, and personal interest and needs.
- Elective Courses:** Students are to select an alternate course for each elective course. Alternate courses should be equivalent in credit value to the first choice elective course. A 0.5 credit course (a one term course) for a 0.5 credit course; a two term/one session (2 x 0.5 credit courses or 1.0 credit course) course for a two term/one session course.
- Credit Recovery Classes: Students failing required courses in English, Social Studies, Math and Science must enroll in Credit Recovery classes offered in place of a student's elective choice.** This will be in addition to the required course in the same subject area for their projected school year. Credit Recovery classes have a fee, are on a first come, first served basis and have strict attendance requirements. Not all required courses are offered in Credit Recovery. Students with definite plans to attend Credit Recovery in the summer should register as though they have already completed the summer Credit Recovery course. They should seek their subject area teacher's advice for the next course in the sequence.
- Summer School: Farrington H.S. does not offer summer school.** Students needing summer school classes should start planning enrollment in any announced summer school as soon as possible, as available summer schools are very limited. Students **may not** enroll in summer school classes for English L.A. acceleration. *Students who attend summer session at a school other than Farrington are responsible for making arrangements for the summer school to provide an official copy of their credit work and to notify the Farrington H.S. Registrar of any needed changes in their schedule of courses for the school year. Resulting program changes should be completed before the program pick-up day in mid July.*
- Correspondence Courses: Correspondence Courses are not accepted for credit at Farrington High School.** Credits from private school providers may be accepted if: the school is accredited, the student discusses this option with Farrington HS before enrollment, he/she receives approval of the course syllabus for ACCN equivalency, and successfully passes the course.
- Grading/Class Policies:** Teachers will share specific course requirements and grading practices with their students at the beginning of each course. For most courses, mark point averages are based on a 4-point scale (A = 4, B = 3, etc.) Advanced Placement and *some* Running Start and Early College course are on a 5-point scale (A = 5, B = 4, etc.).
- Registration Changes:** Courses without sufficient enrollment will be cancelled. Students' alternate course choices listed on the registration card will be substituted for any cancelled classes, without notification.
- Singleton Classes:** Students registering in singleton classes with limited enrollment (e.g., Calculus, Honors Chemistry) will not be allowed to cancel their registration in those classes once they are put on the school's master schedule. Students should choose such courses with a high degree of commitment and resolve.
- Specific instructions and worksheets are found in the back of this catalog or at [www.farringtonhighschool.org](http://www.farringtonhighschool.org) .**

# REGISTRATION INSTRUCTIONS

## REGISTRATION SCHEDULE:

### For students currently enrolled at Governor W.R. Farrington High School

- November 26, 28 & 30: **ADVISORY BELL SCHEDULE**
- Students must report to their Advisory for registration during the designated time on Mon., Wed., & Fri.

### For students currently in 8<sup>th</sup> grade

- 8th Graders in public schools will register in November or December at their schools. They should follow their schools registration schedule or see a school counselor.
- 8<sup>th</sup> Graders in private schools may come to the Farrington High School Registrar's Office to register, pending graduation verification in May.

## MATERIALS PROVIDED:

- "General Information & Course Offerings for Registration" Pamphlet
- Official Registration Card.

## WEBSITE CATALOG: [www.farringtonhighschool.org](http://www.farringtonhighschool.org)

## HOW TO GET STARTED:

- Review the Graduation Requirements for courses that are required for a high school diploma.
- Study the catalog. Consider only courses for which you meet the prerequisites.
- Inquire about courses you are interested in by talking to your teachers or viewing the website.
- Discuss your future plans and share the catalog information with your parents.
- Review the **Graduation Requirements** for courses that are required for a high school diploma.
- Be serious and realistic about your future plans as your selections should show that you are working toward achieving your education and career goals.
- Select **Alternate Choices** wisely as they will be used as substitutes if the computer cannot schedule your first choices.

## COMPLETING THE OFFICIAL REGISTRATION FORM:

- **Use a ball-point pen with black or blue ink and legibly print in all information requested.**
- Include multiple phone numbers as you may need to be contacted by the Registrar for scheduling choices.
- **IN ORDER TO ACCOMMODATE THE BLOCK SCHEDULE, STUDENTS MUST PLAN ON CHOOSING EIGHT (8) COURSES AND APPROPRIATE ALTERNATE COURSES.** Alternate course selections will be used if the computer cannot schedule your first choices.
  - **WARNING:** Once you have been given a schedule with the choices listed, you will not be able to make any preference changes to your program later. Schedule changes may only be made due to summer session success or failure, lack of prerequisites or computer error. Changes must be made as soon as possible and BEFORE July, 2019. You should contact your counselor or the Registrar for all necessary program changes.
- **Do not** split up **paired** 0.5 credit or 1 credit courses.
- Check prerequisites carefully and seek any signatures or advisement from teachers.
- Write in **Code Numbers and Course Titles**.
- Take home your registration card for your **parents' approval and signature**.
- Return your official registration card by November 30th, including any other compliance requirement forms to your Advisory teacher in charge of registration.
- **Observe all deadlines.** Academy choices in Grades 10, 11 & 12 are on a first come, first selection basis.
- Students not turning in their registration card before the course tally date in January will lose the opportunity to select their courses and must accept the class selections made for them.

## GRADUATION REQUIREMENTS

Subject Area	Regular Diploma	Subject Courses			
		Gr. 9	Gr. 10	Gr. 11	Gr. 12
Language Arts	4 including Expository Writing 1	English I	English II	Expository Writing 1 & 2	English IV
Social Studies	4	World History	US History & Government	Mod Hist. HI /Part. in Democracy	Social Studies Electives:
Guidance	n/a				
Health	0.5			Health Today & Tomorrow	
Physical Ed.	1		Life Fitness	Life Activities	
Mathematics	3	Algebra 1 and Geometry are required for graduation.			
Science	3	Biology is required			
Electives	8*	* <u>Two credits</u> must be in <b>one</b> of the following: Same World Language (excluding conversational and cultural courses) Same Performing/Visual Fine Arts Career Pathway courses in the same pathway			
Personal Transition Plan	0.5	This 0.5 credit will be awarded in the 12 <sup>th</sup> grade year, upon completion of the PTP.			
<b>Total Credits</b>	<b>24</b>				

**Valedictorians:** Valedictorians are all graduating seniors who have a grade point average of 4.0 or above **and** have met one of the Honors Recognition Certificate requirements at the time Valedictorians are named.

**Regular Diploma:**

Successful completion of 24 required and elective credits.

**Academic Honors Certificate:**

Successful completion of 24 credits including required and elective courses.

Students meeting the requirements will be awarded an Academic Honors Certificate accordingly:

Cum Laude                   3.000-3.500  
Magna Cum Laude        3.501 - 3.800  
Summa Cum Laude        3.801 +

The identification of graduating students eligible to receive an Academic Honors Certificate will be based on a review of courses, credits, and GPA's, conducted after the end of the third term of the school year.

Math Requirements:

Four credits of Math including one credit earned in at least one of the following: Trigonometry/Pre-Calculus, Calculus, AP Statistics, AP Calculus, or Introduction to College Mathematics.

Science Requirements:

Four credits of science, to include one credit of Biology, or AP Biology, and three credits of lab-based science.

Two credits minimum must be from either AP, Running Start or Early College courses (equivalent to credits for 2 college courses).

**Certificate of Completion:**

For special education students who are unable to complete the regular diploma requirements, the Certificate of Completion of an Individually Prescribed Program (IPP), is available, as written in the IEP. A certificate does not constitute graduation from high school. However, DOE special education certified students meeting the requirements of a Certificate of Completion, may participate in graduation ceremonies.

Note: Diploma requirements for students enrolled in special education are the same as for all other students.

## W.R. FARRINGTON HIGH SCHOOL PROGRAM

### GRADE 9

ACCN	Required Courses	Credit
LCY1010	English LA I	1
LLH1013/ LLH1014	English Lab 1A/1B	1
CHW1100	World History	1
SPH2603	Physical Science	1
MAX1080	MOW 1	1
MAX1155	Algebra 1	1
	Career Pathway Core Class	1
	Elective	1
	Advisory (Personal Transition Plan)*	
	<b>Total Credits Taken</b>	<b>8</b>
	Choose 6 alternate electives in case your first choices aren't available.	

### GRADE 10

ACCN	Required Courses	Credit
LCY2010	English LA II	1
CHU1100	US History	1
SLH2203	Biology	1
PEP1005	Phys Educ - Lifetime Fitness	.5
HLE1000	Health	.5
	Career Pathway Core Class	1
	Math	1
	Elective	1
	Elective	1
	Advisory (Personal Transition Plan)*	
	<b>Total Credits Taken</b>	<b>8</b>
	Choose 6 alternate electives in case your first choices aren't available.	

### GRADE 11

ACCN	Required Courses	Credit
LWH5213/ LWH5212	Expository Writing 1 & 2	1
CHR1100/ CGU1100	Mod Hist of HI/Part in Dem	1
	Math	1
	Science	1
	Phys Educ. – Life Activities	.5
	.5 credit elective	.5
	Academy Elective	1
	Academy Elective	1
	Elective	1
	Advisory (Personal Transition Plan)*	
	<b>Total Credits Taken</b>	<b>8</b>
	Choose 6 alternate electives in case your first choices aren't available.	

### GRADE 12

ACCN	Required Courses	Credit
LCY4010	English LA IV	1
CGW2400	Global Studies or SS elective	.5
CSD2500	Economics or SS elective	.5
	Academy or Career Elective	1
	Academy or Career Elective	1
	Academy or Career Elective	1
	Academy or Career Elective	1
	Elective	1
	Elective	1
	Advisory (Personal Transition Plan)*	
	<b>Total Credits Taken</b>	<b>8</b>
	Choose 4 alternate electives in case your first choices aren't available.	

\* PTP Credit is awarded in the senior year, but is earned through four years of course work in Advisory class.



## Career and Technical Education (CTE)

### Sequence of Courses

*Career and Technical Education (CTE) is an educational program that aligns academic standards with technical knowledge and skills to prepare students for careers in current or emerging occupations and further education. The structure allows students the opportunity to explore and learn through the practical application of academic and technical skills, knowledge needed for high wage and high skill careers, and/or postsecondary education.*

<b>Grades 9 &amp; 10</b> <i>Specific to academy</i>	TAC2010 Arts & Communication Path Core TBC3010 Business Management & Tech Path Core THC4010 Health Services Path Core TIC5010 Industrial & Engineering Tech Path Core TPC7010 Public & Human Services Path Core
<b>Grade 11-12</b> <i>Available to all students</i>	TAN2115 Broadcast Media TAU2210 Digital Media TAK2930 Directed Studies – Arts and Communication (teacher approval required) TAU2124 Graphic Design Tech I TAN2400 Graphic Design Tech II THN4030 Health & Nutrition
<b>Academy/Program of Studies - must be in academy/POS to take</b>	
Business - Business Focus	TBU3310 Finance TBU3210 Business Principles and Management TBU3510 Marketing Principles and Application TPU7510 Introduction to Hospitality & Tourism Service TPU7416 Hotel Operations TBK3990 Business Career Pathway Capstone
Engineering	TIU5800 Building & Construction Tech I TIN5814 Building & Construction Tech II TIU5310 Design Technology I TIN5320 Design Technology II TIU5210 Metals Tech I TIN5216 Metals Tech II TIU5810 Engineering I
Govs Public Service (GPS) - Culinary Program of Study	TPN7316 Baking and Pastry Art TPU7216 Culinary I TPN7223 Culinary II TPU7219 Culinary and Nutrition TPL7100 Public & Human Services Lab
Govs Public Service (GPS) - Teacher Program of Study	TPU7210 Exploration in Education TPN7416 Early Childhood Education TPN7419 Elementary Education TPN7422 Secondary Education TPL7100 Public & Human Services Lab
Health	THU4027 Clinical Health THN4030 Health & Nutrition THK4910 Cooperative Education Health Services THK4990 Health Services Career Pathway Capstone
Farrington Creative Arts & Technology (FCAT)	TAU2310 Fashion Design I

## Course Description

*Career Pathway Core classes are taken in the 10<sup>th</sup> grade according to the academy student is enrolled in.*

### **TAC2010** **1 credit** **Arts & Communication Career Pathway Core**

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) Innovation 2) Legal and Ethical Issues 3) Communication 4) Aesthetics 5) Problem Solving 6) Safety . This course is a prerequisite for students pursuing a Career and Technology Education program of study in Arts and Communication.

### **TBC3010** **1 Credit** **Business Career Pathway Core**

This course is designed for students who plan to pursue careers in business, and/or related occupations. Students will learn essential business concepts such as business communication, system organizational structure, organizational behavior, business ethics, influence of technology, customer service, accounting and finance to build a successful business that will provide a solid foundation for further study in preparation for careers in business. Problem-based, real-world application of business concepts will be emphasized. Students will utilize technology for a variety of business applications and business communication; demonstrate effective customer service; and use accounting concepts to formulate, analyze and evaluate financial decisions in business. This course is a recommended prerequisite for students pursuing a business pathway programs of study.

### **THC4010L** **1 Credit** **Health Services Career Pathway Core**

This course is designed for students who plan to pursue careers in the healthcare industry. Using a multidisciplinary approach, students will gain essential knowledge, skills and attitudes in healthcare systems, legal and ethical principles, technology, safety practices (infection control, hazardous conditions, body mechanics), communication, employment expectations

and the interdependence of major body systems as they relate to health and wellness. Students will learn to apply cultural sensitivity, coping skills and effective communication in dealing with patients and personnel in the delivery of quality health care. This course is a recommended prerequisite for students pursuing a health services career pathway program of study.

### **TIC5010** **1 credit** **Industrial & Engineering Technology Pathway Core**

The Industrial and Engineering Technology Core 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 exploration of these systems and their impacts on society. Students will also be developing problem solving and decision making skills to relate technology to materials 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.

### **TPC7010** **1 Credit** **Public & Human Services Career Pathway Core**

This course is designed for students who plan to pursue a career in the Public and Human Service Career Pathway. Students will learn essential human relations concepts that will provide a solid foundation for further study in preparation for careers dealing in public service. Using an interdisciplinary approach, the following concepts will be covered: 1) Creation and management of organizational systems to promote quality service, 2) Communication skills, 3) Safety and healthy workplace behaviors, and 4) Legal and ethical principles. This course is a recommended prerequisite for students pursuing Public and Human Services programs of study.

*Career Pathway Cluster classes are taken in the 10<sup>th</sup> – 12<sup>th</sup> grade according to the academy student is enrolled in.*

## **Arts and Communication Pathway**

### **TAU2210 1 credit**

#### **Digital Media**

This course is designed to equip students with the necessary skills to support and enhance their use of digital media technologies. Topics will include the creation of media content, its communicative abilities, the production process, and legal concerns. Recommended prerequisite: Completion of TAC2010 Arts and Communication Career Pathway Core.

### **TAN2115 1 credit**

#### **Broadcast Media**

Broadcast Media is a course designed to give students hands-on opportunities in television news production. Through a variety of production experiences students will learn the power of the medium, examine issues of fairness and objectivity, make critical thinking decisions on a regular basis, exercise creativity, and gain an overall understanding of news-gathering and reporting techniques. Recommended Prerequisite: Recommended Prerequisite: Completion of TAC2010 Arts and Communication Career Pathway Core and TAU2210 Digital Med Tech.

### **TAK2930 1 credit**

#### **Directed Studies – Arts and Communication Graphic Design III**

This course is designed for the student who wants to pursue knowledge/skill development beyond the level of identified Programs of Study. Emphasis is on arts and communication with opportunities to investigate, design, construct, and evaluate solutions to problems in this career pathway. Prerequisite: Completion of TAC2010 Arts and Communication Career Pathway Core and any Arts and Communication Career Pathway cluster course.

### **TAU2124 1 credit**

#### **Graphic Design Tech I**

This course provides classroom and laboratory experiences in the major areas of graphic design and production. This course includes the study of the fundamentals of elements and principles of design, colors, layering, layout, photography concepts, plagiarism, advertising and production techniques. Emphasis is on the creation of designs and products that meet specifications of clients and industry. Recommended prerequisite: Completion of TAC2010 Arts and Communication Career Pathway Core

### **TAN2400 1 credit**

#### **Graphic Design Tech II**

This course provides classroom and laboratory experiences in the major areas of graphic design and production. This course includes the study of the fundamentals of elements and principles of design, colors, layering, layout, photography concepts, and plagiarism, advertising and production techniques. Emphasis is on the creation of designs and products that meet specifications of clients and industry. Prerequisite: Completion of TAU 2124 Graphic Design Tech I

### **TAU2310 1 credit**

#### **Fashion Design I**

This includes the history of fashion, trend forecasting, the fashion cycle, as well as an understanding of textiles. Students will learn elements and principles of design to illustrate their designs and produce them through pattern making and manipulation, and garment construction. Recommended prerequisite: TAC2010 Arts and Communication Career Pathway Core.

## **Business Pathway**

### **TBU3310** **1 credit** **Finance**

Finance provides students with basic principles necessary to make sound business decisions. Students will analyze and communicate computational data through utilization of appropriate oral and written methods, as well as appraise the advantages and disadvantages of various means of generating income, reducing expenses and managing risks. Recommended Prerequisite: Completion of TBC3010 Business Career Pathway Core.

### **TBU3210** **1 credit** **Business Principles and Management**

Business Principles and Management provides students with an understanding of the American business system, its organization, and its management. Students will examine the various leadership and management styles of a variety of successful business organizations, large and small, and will apply processes and techniques to a variety of business situations. Recommended Prerequisite: Completion of TBC3010 Business Career Pathway Core.

### **TBU3510** **1 credit** **Marketing: Principles & Application**

Marketing immerses students in the development and application of essential marketing concepts. Students will be expected to design, develop and implement a marketing plan that meets a consumer need in the domestic or international community, and that promotes a product, service, idea or organization that is sensitive to societal and industry ethics. Recommended Prerequisite: Completion of TBC3010 Business Career Pathway Core.

### **TPU7510** **1 credit** **Introduction to Hospitality and Tourism Service**

The purpose of this course is to give students an in depth view of each major sector in the hospitality and tourism industry--travel & tourism, hotel & lodging, cruises, food & beverage outlets, attractions, meetings & conventions and special events--focusing on how they interrelate to create the ultimate experience for leisure (FIT) and business travelers. In addition, students will learn about career and management opportunities, job qualifications and benefits within these sectors of hospitality and tourism industry. Recommended Prerequisite: Completion of TBC3010 Business Career Pathway Core.

### **TPU7416** **1 credit** **Hotel Operations**

This course is designed to introduce students to the organizational structure of hotels, and the roles and responsibilities of various employees involved in day-to-day operations. Students will examine the impact of internal and external factors on the industry; and acquire the skills and strategies needed to provide quality service and demonstrate hospitality. Recommended prerequisite: Completion of TBC3010 Business Career Pathway Core.

### **TBK3990** **1 credit** **Business Career Pathway Capstone**

A Capstone Project reflects the culmination of knowledge, skills, and attitudes by senior students in the Business Pathway. This senior project provides a venue for seniors to plan and execute individualized study on a topic of particular interest to them. Participants will have their independent study and research periodically assessed by the instructor. Students are to enlist the guidance of an adult mentor from the school or community. The following products are required from the senior participating in a Capstone Project: 1) a research paper to demonstrate information and knowledge acquisition skills, 2) a formal oral report before a panel of industry experts, and 3) a portfolio that relates the "learning journey" and verifies the learning process. The topics of interest will be student driven and the choice of media for presentation will be at the discretion of the student presenter. All Senior Project requirements must be met. Recommended Prerequisite: Completion of TBC3010 Business Career Pathway Core and a Business Pathway Cluster-Level Course.

## **Health Science Pathway**

**THU4027**

**1 credit**

### **Clinical Health**

Clinical Health is designed for students interested in health services careers. Using the major body systems as the framework, students will learn about diseases, disorders, prevention and treatment and the roles of the various healthcare providers involved in diagnosis and/or treatment. This course will combine content knowledge (body systems, communication, safety practices, legal issues, ethical concerns, healthcare systems) and basic skills common to all healthcare professions with work-based learning experiences that will result in a career selection consistent with the student's aptitude, interest, abilities and academic achievement. Recommended Prerequisite: Completion of THC4010 Health Services Career Pathway Core

**THN4030**

**1 credit**

### **Health and Nutrition**

This course is designed to provide in-depth instruction on the relationship of food and nutrition as it relates to the health services careers. Laboratory experiences using food as the base will enhance learning in nutrition and healthy lifestyles. The major concepts of chemical and biological properties of nutrition need to be covered with basic food preparation, preservation and processing. The course should include the nutritional needs of individuals; physiological and psychological aspects of food, wellness and the prevention of disease; sanitation, safety, consumer education; and the awareness of employment opportunities. Recommended Prerequisite: Completion of THC4010 Health Services Career Pathway Core

**THK4910**

**1 credit**

### **Cooperative Education Health Services**

This is a training program designed to assist students interested in the health professions to gain practical, clinical experience. Appropriate supervision must be available at all times during the training period to help the student work within the framework of duties and responsibilities assigned to him or her and give effective care which safeguards the patient. Recommended Prerequisite: Completion of THC4010 Health Services Career Pathway Core.

**THK4990**

**1 credit**

### **Health Services Career Pathway Capstone**

A Capstone Project reflects the culmination of knowledge, skills, and attitudes by students in the Health Services Career Pathway. This course provides a venue for students to plan and execute individualized study on a topic of particular interest to them. Participants will have their independent study and research periodically assessed by the instructor. Students are to enlist the guidance of an adult mentor from the school or community. The following products are required from the students participating in a Capstone Project: 1) a research paper to demonstrate information and knowledge acquisition skills, 2) a formal oral report before a panel of industry experts, and 3) a portfolio that relates the "learning journey" and verifies the learning process. The topics of interest will be student driven and the choice of media for presentation will be at the discretion of the student presenter. Recommended Prerequisite: THC4010 Health Services Career Pathway Core and THU4027 Clinical Health.

## Industrial, Engineering and Technology Pathway

### **TIU5800** **1 credit**

#### **Building & Construction I**

This course features classroom and laboratory 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 and floor framing, wall and ceiling framing, roof framing, and window, door, and interior wall finish. Recommended Prerequisite: Completion of TIC5010 IET Career Pathway Core

### **TIN5814** **1 credit**

#### **Building & Construction II**

Building and Construction Technology 2 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 and on-the-job experiences. Recommended Prerequisite: Completion of TIC5010 IET Career Pathway Core and TIU5800 Building and Construction Technology 1.

### **TIU5310** **1 credit**

#### **Design Technology I**

This course provides classroom learning experiences that are found in drafting technology. Learning activities include: design, spatial visualization and techniques, sketching and use of digital tools, shape and size description, auxiliaries, rotation, pictorial drawings, computer aided design, and the creation of two dimensional and three dimensional models for problem solution. Recommended Prerequisite: Completion of TIC5010 IET Career Pathway Core.

### **TIU5810** **1 credit**

#### **Engineering Technology I**

This course is designed to introduce students to various engineering processes, concepts and techniques through the use of hands-on, real world projects. Students will explore civil, mechanical and electrical engineering problems; and use design innovation and manufacturing processes. Technical reading/writing, math and science knowledge and skills will be integrated and applied throughout the course.

Recommended Pre-requisite: Completion of TIC5010 IET Career Pathway Core

### **TIN5820** **1 credit**

#### **Engineering Technology II**

Building on the solid foundation provided by the IET Tech Career Pathway Core (TIC5010) and Engineering Technology I (TIU5810), the Engineering Technology II

course is designed to provide students an in-depth study of a variety of engineering fields via real world engineering design challenges. Students will apply their understanding of physics, chemistry, biology, along with computer-integrated manufacturing technology to develop/design, test, and improve their design solutions. Technical reading/writing/presentation and related mathematics and science knowledge and skills will be integrated and applied throughout the course. Recommended Prerequisite: Completion of TIU5810 Engineering Technology I.

### **TIN5320** **1 credit**

#### **Design Technology II**

This course organizes learning experiences, which emphasizes theory, use of computer aided design, and laboratory work as related to designing, and translating data or specifications. Planning, preparing, and interpreting mechanical, architectural, structural, electronics, topographical, and designs and schematics are included. Instruction is designed to provide experiences with computer aided design and other industry standard tools to create solutions to real-world problems. Recommended prerequisite: Completion of TIC5010 IET Career Pathway Core and TIU5310 Design Technology 1.

### **TIU5210** **1 credit**

#### **Metals Technology I**

Metals Technology 1 introduces the metal industry, its organization, materials, occupations, processes, products, and problems through demonstrations of, experimenting with, designing, fabricating, constructing, and testing of metals and devices. Learning experiences include the study of tools, materials, processes, systems, and products used in various facets of the metal industry. Recommended Prerequisite: Completion of TIC5010 IET Career Pathway Core.

### **TIN5216** **1 credit**

#### **Metals Technology II**

This course provides advanced learning experiences designed to prepare a well-rounded metal worker capable of fabrication and assembling a variety of products in various industries. Instruction includes layout; sequence of operations; setting up and operating fabricating machines; positioning, aligning, fitting, and welding parts together; and designing and constructing templates and fixtures. Simulated class experiences are included. Recommended Prerequisite: Completion of TIC5010 IET Career Pathway Core and TIU5210 Metals Technology 1.

## Public and Human Services Pathway

### **TPU7216** **1 credit** **Culinary I**

This course provides an introduction and orientation to a series of related occupations in the food industry and the qualifications of a successful food service worker. The knowledge, skills, work attitudes, and habits developed will enable students to understand basic principles of quantity food preparation, safety and sanitation, use and care of equipment, and food service organization. This course provides practical work experiences in the classroom and laboratory. Recommended prerequisite: Completion of TPU7219 Culinary and Nutrition

### **TPN7223** **1 credit** **Culinary II**

This Level 2 course is designed to qualify an individual for entry-level positions in the food industry. Classroom and laboratory experiences place an emphasis on quantity food preparation and service, sanitation, safety, selection and purchasing of food and supplies, storeroom control, management and care of supplies and equipment. Recommended Prerequisite: Completion of TPU7216 Culinary 1.

### **TPU7219** **1 credit** **Culinary and Nutrition**

This course is designed to provide a bridge between PHS Core and Culinary 1. Students will receive instruction on the relationship of food and nutrition as it relates to careers in the culinary industry. Hands-on food labs will enhance learning in nutrition and healthy lifestyles. Recommended Prerequisite: TPC7010 Public & Human Services Path Core

### **TPN7316** **1 credit** **Baking and Pastry Art**

This is a beginning level course designed to introduce students to the basic principles of baking. The course would expose the students to a wide range of baking and pastry arts material. Labs will cover yeast dough, quick breads, cookies, pies, pastries and dessert sauces. Recommended Prerequisite: TPU7216 Culinary I

### **TPU7210** **1 credit** **Explorations in Education**

This course is designed to have students explore the numerous career opportunities in education. Academically challenging, Explorations in Education will offer students an overview of education career opportunities, ranging from pre-kindergarten to post-secondary teaching, as well as administration careers. Students will be introduced to the evolution of education and philosophies, learning styles, teaching strategies, school organization and management, salaries and

benefits, and educational issues. Recommended prerequisite: Completion of TPC7010 Public and Human Services Career Pathway Core

### **TPN7416** **1 credit** **Early Childhood Education**

This course is specifically designed for students interested in a career working with children. Emphasis is on job orientation, including needs and types of child care services and related career opportunities; the fundamentals of child development and ways of meeting the physical, mental, emotional, and social needs of individuals in a child care program; and planning, preparing, and maintaining an environment conducive to children's growth and well-being. Students receive supervised laboratory experience to develop basic child care and guidance skills. Recommended prerequisite: Completion of TPC7010 Public and Human Services Career Pathway Core, and TPU7210 Explorations in Education.

### **TPN7419** **1 credit** **Elementary Education**

This course is designed to provide a focused preparation for students interested in pursuing a career in elementary (Kindergarten to sixth grade) teaching. Basic knowledge, skills and attitudes that will help students understand the principles of child growth, development, learning styles and teaching strategies will be addressed. The course will include school structure, organization and management related to elementary students as well as the details of salaries, benefits and relevant issues for the elementary teacher. Field experiences in classroom observations and practical participation is a course requirement. Recommended prerequisite: Completion of TPC7010 Public and Human Services Career Pathway Core, and TPU7210 Explorations in Education.

### **TPN7422** **1 credit** **Secondary Education**

This course is designed to provide a focused preparation for students interested in pursuing a career in secondary (seventh to twelfth grade) teaching. Basic knowledge, skills and attitudes that will help students understand the principles of adolescent growth, development, learning styles and teaching strategies will be addressed. The course will include school structure, organization and management related to secondary students as well as the details of salaries, benefits and relevant issues for the secondary teacher. Field experiences in classroom observations and practical participation are course requirements. Recommended prerequisite: Completion of TPC7010 Public and Human Services Career Pathway Core, and TPU7210 Explorations in Education.

## ENGLISH LANGUAGE LEARNERS (ELL)\*

\*These are courses that may be required for second language learners who have been identified through the Identification, Assessment and Programming System (IAPS).

### Sequence of Courses

Foundations 1	Foundations 2	Foundations 3 (Kinaole)	Intermediate Level	Advanced Level
<i>NEP or ELL Teacher recommendation</i> <b>A</b>	<i>NEP or ELL Teacher recommendation</i> <b>B</b>	<i>NEP/LEP or ELL Teacher recommendation</i> <b>C</b>	<i>LEP or ELL Teacher recommendation</i>	<i>LEP or ELL Teacher recommendation</i>
XAG1011JA / XAG1021JA Study Skills & General Test Prep (yearlong) 1 CREDIT	XMT1010JB / LLH5371JB Media Literacy & Argument & Debate (yearlong) 1 CREDIT	XAG1011JC / XAG1021JC Study Skills & General Test Prep (yearlong) 1 CREDIT	XAG1011J/XAG1021J Study Skills & General Test prep	Students will be provided Second Language Learner services in English I, II, III or IV J classes
TGG1100JA / TGG1104JA Career & Life Planning & Advanced Guidance (yearlong) 1 CREDIT	TGG1100JB / TGG1104JB Career & Life Planning & Advanced Guidance (yearlong) 1 CREDIT	XMT1010JC / LLH5371JC Media Literacy & Argument & Debate (yearlong) 1 CREDIT	LCY1010J ELD9 (yearlong)	
L VH5330JA / LLH5331JA Group Communication & Leadership/Lab (Math Skills) (yearlong) 1 CREDIT	L VH5330JB / LLH5331JB Group Communication & Leadership/Lab (Math Skills) (yearlong) 1 CREDIT	L VH5330JC / LLH5331JC Group Communication & Leadership/Lab (Math Skills) (yearlong) 1 CREDIT	LCY1010J ELD mix (semester long)	
Elective	Elective	Elective	SPH2603J Phys SciJ	SPH2603J Phys SciJ
Elective	Elective	Elective	SLH2003J BiologyJ	SLH2003J BiologyJ
				CHW1100 History J

### Course Description

#### Foundations 1

The first sequence of courses will develop readiness for basic communication skills through phonetic development, basic grammar, readings in Social Studies and Science, writing, vocabulary development and technology skills. Focus will be on listening and oral communication and math skills. These classes will also include acculturation, organization and study skills. These classes are yearlong.

#### Foundations 2

The second sequence of courses will build upon the previous level and present more challenging content, concepts and processes with reading, writing, math, science, social studies, life skills, and technology skills. These classes are year long.

#### Foundations 3 (Kinaole)

The Kinaole classes are designed for students who are 17 or 18 years old, but do not have enough credits to earn a high school diploma. The emphasis is on preparing them for the work force and life skills. Topics covered include earning money, buying food, managing a household, buying and maintaining a car, working with food, and budgeting one's money. Part of the time will be spent on getting work experiences at various job sites. This course may also be a stepping stone for some students needing transitional outside sources to further their educational experiences. These classes are year long.

#### Intermediate Level

These are courses to give additional support to the *Limited English Proficient (LEP) student taking content courses*. These courses are designed to strengthen skills in integrated reading, writing and study skills. Students will earn a 9<sup>th</sup> grade English credit upon completion of the course.

#### Advanced Level

These courses are for the *Limited English Proficient (LEP) student who needs further help in developing cognitive academic language skills beyond the intermediate level*. ELL assistance will be provided in required English IJ, IIJ, IIIJ or IVJ English classes, World History J, and Physical Science J and Biology J classes. These courses meet the graduation requirements for English Language Arts, Social Studies, and Science.



# FINE ARTS

## Sequence of Courses

Band	Chorus	Piano	Guitar
FMB2000 Band 1 FME1000/FME1100 Music 1/2	FMC1000 Chorus 1	FMK1000 Piano 1	FMF1000 Guitar 1
FMB3000 Band 2 FME1200/FME1300 Music 3/4	FMC2000 Chorus 2	FMK2000 Piano 2	FMF2000 Guitar 2
FMB4000 Band 3 FME1400/FME1500 Music 5/6	FMC3000 Chorus 3	FMK3000 Piano 3	FMF3000 Guitar 3
FMB5000 Band 4 FME1600/FME1700 Music 7/8	FMC4000 Chorus 4	FMK4000 Piano 4	FMF4000 Guitar 4
NEW!!!	Drawing and Painting	Ceramics	Photography
FML1000 & FML2000 Ukulele 1 & 2	FVQ1000 Drawing and Painting 1	FVL1000 Ceramics 1	FVP1000 Photography 1
FVM1000 & FVM2000 Intro to Orchestra/Orchestra 1	FVQ2000 Drawing and Painting 2	FVL2000 Ceramics 2	FVP2000 Photography 2
FVB1000 & FVB2000 General Art 1 & 2	FVQ3000 Drawing and Painting 3	FVL3000 Ceramics 3	
	FVD1000Q Directed Study-Draw&Painting		
Drawing and Painting	Digital Media	Graphic Communications	Yearbook Production
FVQ1000 Drawing and Painting 1	TAU2210 Digital Media	TAU2124 Graphic Design Tech 1	XYY8610 Yearbook Production 1
FVQ2000 Drawing and Painting 2	TAN2115 Broadcast Media	TAN2400 Graphic Design Tech 2	XYY8630 Yearbook Production 2
FVQ3000 Drawing and Painting 3			XYY8650 Yearbook Production 3
FVD1000Q Directed Study-Draw&Painting			XYY8670 Yearbook Production 4

## Course Descriptions

### Performing Arts

*These courses are open to students who wish to learn to play a wind or percussion instrument. Instruction focuses on the development of general musicianship and playing techniques. No music experience necessary.*

**FMB2000 & FME1000/FME1100**      **Band 1**      **1 Credit**  
**Applied Music 1 & 2**      **1 Credit**

Students develop instrumental techniques, music reading, music theory, and performance etiquette through daily class activities, weekly sectionals, and after-school rehearsals. Other skills such as field-show marching performances, parade band marching, concert band and jazz band are also learned. Students will have opportunities to perform as soloists and in ensembles while performing a wide selection on musical styles and genres.

**FMB3000 & FME1200/FME1300**      **Band 2**      **1 Credit**  
**Applied Music 3 & 4**      **1 Credit**  
**FMB4000 & FME1400/FME1500**      **Band 3**      **1 Credit**  
**Applied Music 5 & 6**      **1 Credit**

**FMB5000 & FME1600/FME1700**      **Band 4**      **1 Credit**  
**Applied Music 7 & 8**      **1 Credit**

**FMC1000**      **Chorus 1**      **1 Credit**  
 Students who enroll in this course develop vocal tone, sense of pitch, critical listening skills, pitch direction and rhythmic sensitivity. Students learn to sing their parts independently. Music in class varies from classical to contemporary.

**FMC2000**      **Chorus 2**      **1 Credit**  
**FMC3000**      **Chorus 3**      **1 Credit**  
**FMC4000**      **Chorus 4**      **1 Credit**

**FMK1000**      **Piano 1**      **1 Credit**  
 This piano course is for beginners who wish to learn the basic elements of music, develop skills in using musical notation, performing and listening to music. A classroom approach is used (i.e., this is not a private lesson class). Musical selections focus on popular music. A chordal method of playing is emphasized.

## FINE ARTS

### **FMK2000 Piano 2 1 Credit**

Students must have passed Classroom Piano I. This intermediate piano course is for students who wish to further develop their music skills in musical notation, performing and listening to music. A classroom approach is used (i.e., this is not a private lesson class). Musical selections focus on both popular and classical music. A choral method of playing is emphasized.

### **FMK3000 Piano 3 1 Credit**

### **FMK4000 Piano 4 1 Credit**

### **FMF1000 Guitar 1 1 Credit**

Students will learn instrumental techniques and basic music theory on guitar, with option to play the ukulele, bass guitar, percussion, and other stringed instruments. Singing is also required as you accompany yourself with your instrument. Students will perform as soloists and in ensembles in class and possible public performances. A wide selection of musical styles will be performed.

### **FMF2000 Guitar 2 1 Credit**

### **FMF3000 Guitar 3 1 Credit**

### **FMF4000 Guitar 4 1 Credit**

### **FML1000 Ukulele 1 1 Credit**

Students will learn to play the ukulele with basic skills for both small ensemble and solo work. This includes both chords and beginner picking. Students will also learn to read music. Students may perform at scheduled concerts, school assemblies, and community functions.

### **FML2000 Ukulele 2 1 Credit**

### **FMV1000 Intro to Orchestra 1 Credit**

Students will learn to play orchestral stringed instruments with basic skills for both small ensemble and solo work. Students will also learn to read music. Students may perform at scheduled concerts, school assemblies, and community functions.

### **FMV2000 Orchestra 2 1 Credit**

## Visual Arts

### **FVB1000 General Art 1 1 Credit**

General Art 1 is a course that provides an introduction to art through a multi-media experience. Students will learn and apply the elements and principles of design to produce creative art projects that reflect their understanding of these concepts.

### **FVQ1000 Drawing and Painting 1 1 Credit**

Students work with different art materials and media which may include drawing pencils, pen/ink, watercolor, oil and chalk pastels, color pencils, acrylic, and oil paints. Portraiture, landscapes/seascapes, and still-life, are among the variety of subject matter explored with emphasis on the elements and principles of art. Aesthetic expression and creativity are encouraged as students develop and enhance their individual styles and techniques.

### **FVQ2000 Drawing and Painting 2 1 Credit**

This course is designed to expand on skills, attitudes and knowledge learned in Drawing/Painting 1A/1B. Personal preferences and experience may influence choices of media and subject matter. Students are encouraged to work independently as they complete projects that reflect creativity and craftsmanship.

### **FVQ3000 Drawing and Painting 3 1 Credit**

This course includes studio experiences. Opportunity is provided for in-depth study in selected mode of expression. Visual, oral, and written presentation should result from personal inquiry and investigative research.

### **FVD1000Q Directed Study-Drawing & Painting 1 Credit**

The fourth course in the Drawing and Painting sequence.

### **TAU2124 Graphic Design Tech 1 1 Credit**

Students will learn the basic elements of design and become proficient with the same software programs used in the graphic arts profession. First, students will understand color theory and practice color matching, painting and pencil sketching. Then they will learn the most important topics of Adobe Illustrator CS4 and Adobe Photoshop CS4. Students will format and export their designs to a CAD, which will reproduce their art as vinyl stickers. Students will learn how to work with Photoshop, animate a 2D image, and export their Photoshop animation into Imovie and add titles, music and sound effects. Their final project will be to reproduce their artwork onto a t-shirt. Students will be expected to save all their projects and files into their digital course portfolio with a final Power Point presentation.

### **TAN2400 Graphic Design Tech 2 1 Credit**

This course is a continuation of study in Adobe Illustrator and Adobe Photoshop, with the introduction of the layout program, Adobe InDesign. Students will apply knowledge towards independent projects in t-shirt printing and making vinyl stickers, architectural signage, and banners.

## FINE ARTS

### **FVP1000      Photography 1      1 Credit**

Open to all students in Grades 9-12. No lab fee. However, students must have a camera. (Disposable OK) Students will discover the "Wonders of Photography" through the wide variety of experiences and exercises. These are designed to give students a strong foundation in film and digital photography. This non-traditional, standards-based program allows individual students to understand composition, lighting and how to professionally photograph a wide variety of subject matter. Photojournalism and special effects are also introduced in the program. Professional Photography Bookmaking has been recently added to this program. All student work will be on display at the end of the semester in the FHS Library in the "A Creative Discovery...You" Photography Exhibition.

### **FVP2000      Photography 2      1 Credit**

Open to all advanced students who desire to elevate their skills in photography. Focus: Photography Careers. Students will be expected to demonstrate leadership qualities and work independently on two advanced photo projects approved by instructor.

### **TAU2210      Digital Media Technology      1 Credit**

*Recommended Prerequisite:*

*Arts and Communication Career Pathway Core.*

*Open to students in Grades 9-12.*

This course familiarizes students with the history and constant evolution of media. Students will learn how to use computer software to create animations and short videos. Selected works will be showcased at the Farrington Film and Arts Festival.

Students will practice teamwork, leadership, and oral presentation skills. They will explore careers related to digital media through field trips, guest speakers and research.

### **TAN2115      Broadcast Media      1 Credit**

*Completion of Digital Media required. Open to students in Grades 9-12.*

These courses will familiarize students with the tools, techniques and terminology of television production. Students will participate in various video shoots and work on a show or short public service announcements that may be selected for broadcast on a community or commercial television station. Selected works will be showcased at the Farrington Film and Arts Festival.

Students will practice teamwork, leadership, and oral presentation skills. They will explore careers related to TV Production through field trips, guest speakers and research.

### **FVL1000      Ceramics 1      1 Credit**

This interesting and fascinating course will give students the enjoyment and satisfaction of working with clay and glazes, creating various objects such as bowls, cups, vases, decorative bottles, figurines and ceramic jewelry. This course will develop the students' awareness of two and three dimensional design, appreciation of their own creativity as well as basic ceramic and sculptural skills.

### **FVL2000      Ceramics 2      1 Credit**

A continuation of Ceramics 1, emphasis will be placed on exploring multiple/complex constructing techniques and introduction to the potters wheel. Also covered will be the exploration of various glazing and glazing techniques.

### **FVL3000      Ceramics 3      1 Credit**

This is an advanced course in hand-building and wheel throwing techniques. This course will do in-depth exploration of form and function as it relates to pottery and sculpture. It will emphasize individualized instruction in specialized areas of study and require the students to begin developing and understanding the nature of how their own art reflects who they are.

### **XYY8610      Yearbook Production 1      1 Credit**

This is a one session introductory course in the production techniques, creative expression in art/graphic and copy/writing/editing of the yearbook: Ke Kiaaina.

### **XYY8630      Yearbook Production 2      1 Credit**

This is an intermediate course in yearbook production with the responsibility of planning, producing and editing a major yearbook section.

### **XYY8650      Yearbook Production 3      1 Credit**

This is a continuation of Yearbook Production II. Emphasis will be placed on focusing and furthering proficiency on learned skills.

### **XYY8670      Yearbook production 4      1 Credit**

This is an advanced course in yearbook production that involves the responsibility for the planning, production and management of all major sections, theme selection/development, photographic selections/assignments, and artwork/creative elements of the yearbook. (All Yearbook Production courses will be combined to form one class).

# GUIDANCE

## Sequence of Courses

Grade 9	Grade 10	Grade 11 and 12
<b>AVID-College Preparatory Skills TGG10119A</b>	<b>AVID-College Preparatory Skills TGG10112A / TGG10112B</b>	<b>AVID-College Preparatory Skills Grade 11 : TGG10113 Grade 12: TGG10114</b>
<b>Career &amp; Life Planning / Transition to High School</b>	1 Career Pathway CORE course: <b>Art &amp; Communication Business Health Service Industrial &amp; Engineering Tech Public and Human Services</b>	

### Course

#### AVID

**TGG10119A** yearlong for **GR. 9** **1 credit**

The ninth grade CPSS course is an elective class for students who are college bound. Students learn strategies to ensure success in college-prep course work. Students work individually, as well as in tutor-led collaborative groups. Cornell note taking, time management, organization, outlining, writing, speaking, reading and test-taking strategies are stressed. In addition, the course includes college motivational activities. The AVID curriculum focuses on Writing, Inquiry, Collaboration, Organization and Reading (WICOR) through AVID High School Libraries in both teacher and tutor-led activities.

**TGG10112A/TGG10112B** yearlong for **Gr.10** **1 Credit**  
**AVID-College Preparatory Skills**

The tenth grade CPSS course is an elective class for students who are college bound. Students learn strategies to ensure success in college-prep course work. Students work individually, as well as in tutor-led collaborative groups. Cornell note taking, time management, organization, outlining, writing, speaking, reading and test-taking strategies are stressed. In addition, the course includes college motivational activities. The AVID curriculum focuses on Writing, Inquiry, Collaboration, Organization and Reading (WICOR) through AVID High School Libraries in both teacher and tutor-led activities.

**TGG10113** yearlong for **GR. 11** **1 credit**  
**AVID-College Preparatory Skills**

The eleventh grade CPSS course is an elective class for students who are college bound. Students learn strategies to ensure success in college-prep course work. Students work individually, as well as in tutor-led collaborative groups. They also continue to utilize strategies introduced and practiced in CPSSII. Because 11<sup>th</sup> grade students are expected to enroll in advanced, honors or college classes, CPSS III will emphasize Study Groups, their dynamics and

how effective study groups work. In addition, the course includes college motivational activities and other activities that prepare students to achieve their post high school plan. The course utilizes the AVID curriculum which focuses on Writing, Inquiry, Collaboration, Organization and reading (WICOR).

**TGG10114** yearlong for **GR. 12** **1 credit**  
**AVID-College Preparatory Skills**

The twelfth grade CPSS course is an elective class for students who are college bound. Students learn strategies to ensure success in college-prep course work. Students work individually, as well as in tutor-led collaborative groups. They also continue to utilize strategies introduced and practiced in CPSSIII. Because 12<sup>th</sup> grade students are expected to enroll in advanced, honors or college classes, CPSS IIII will emphasize Study Groups, their dynamics and how effective study groups work. In addition, the course includes college motivational activities and other activities that prepare students to achieve their post high school plan, including the college application process. The course utilizes the AVID curriculum which focuses on Writing, Inquiry, Collaboration, Organization and reading (WICOR).

**TGG1100/TGG1103** **.5 & .5 Credit**  
**Career & Life Planning  
Transition to High School**

These paired courses provide students with the knowledge and skills to learn about themselves, to explore life goals; to focus on careers and occupations; to relate school subjects to future career needs and to make tentative long range educational vocational plans. Students are assisted to clarify their values and formulate new ones to facilitate positive attitudes toward work. Major topics of study included are self-awareness, social awareness, decision making, financial fitness and study skills.

#### Description

**NDE2000** **.5 Credit**  
**Driver's Education**

This course teaches potential and/or current drivers of the effectiveness of the highway transportation system in the rapid and economical movement of passenger and goods from one place to another. Emphasis will be on: SIPDE (Search, Identify, Predict, Decide and Execute) process and Zone Control to driving; understanding the rules, signs and laws of the road; alcohol and other drugs and driving. Completion of Driver Education course work may be substituted for the after-school portion of the Driver's Education course work. Behind the wheel driving will remain as a separate part of the certificate program and will be done during after-school hours: weekdays, weekends, or holidays.

**NEW for Class of 2010 and beyond**  
**Personal Transition Plan**

**.5 Credit**

The Personal Transition Plan is a new **diploma requirement** beginning with the Class of 2010. This curriculum and credit will be provided through Advisory period over four years.

## GUIDANCE

### Career Pathway Core Courses

*A Career Pathway Course must be taken by all sophomore HALE Program students. Open to Gr. 11 & 12 students.*

**TAC2010**

**1 Credit**

**Arts and Communication Career Pathway Core**

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/Ethics, 7) Management, Impact of Media, and 8) Safety. This course is a pre-requisite for students pursuing a career and technology program of study in Arts and Communication.

**TBC3010**

**1 Credit**

**Business Career Pathway Core**

Business Career Pathway Core is the introductory course for the Business Management and Technology Pathway. This course will help the student understand the economic system as a consumer, producer, and citizen. Some topics covered are: business and the consumer, banking, money management, savings, insurance, communication and transportation services, postal and shipping services, purchasing, and careers in business. Grade is based equally on assignments and tests.

**THC4010**

**Health Services Career Pathway Core**

This course is designed for students who plan to pursue careers in the healthcare industry. Using a multidisciplinary approach, students will gain essential knowledge and skills

about body systems, healthcare systems, medical terminology, ethics, safety practices, legal systems, preventative care, employment expectations, and cultural awareness and sensitivity in dealing with patients and healthcare personnel. Students will learn to apply effective communication skills and technologies in the delivery of healthcare. This course is a prerequisite for students pursuing a health services or the medical biotechnology program of study. *Students in the Health Core will also be part of the Health Academy.*

**TIC5010**

**1 Credit**

**Industrial and Engineering Technology Career Pathway Core**

The Industrial and Engineering Technology Core 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 explores these systems and their impacts on society. Students will also be developing problem solving and decision making skills to relate technology to materials science, forces and motion, energy and power transformation, the design process, and improving a career plan.

**TPC7010**

**1 Credit**

**Public and Human Services Pathway Core**

This course is designed for students who plan to pursue a career in the Public and Human Service Career Pathway. Students will learn essential human relations concepts that will provide a solid foundation for further study in preparation for careers dealing in public service. Using an interdisciplinary approach, the following concepts will be covered: 1) Human behavior and relationships, 2) Professional accountability and personal attributes, 3) Legal system and ethics, and 4) Effective use of varied technologies appropriate to their occupation. This course is a prerequisite for students pursuing Public and Human Services programs of study.

# U. S. ARMY JUNIOR RESERVE OFFICERS' TRAINING CORPS

*Uniforms and accessories are provided free of charge. Cadets earn credit towards enlisted rank in the military. A cadet earning three JROTC credits can enter the military in any branch of service in the pay grade of E-3 (Private First Class) with instructor approval.*

## Sequence of Courses

<b>TJR1000</b>	Army JROTC 1
<b>TJR2000</b>	Army JROTC 2
<b>TJR3000</b>	Army JROTC 3
<b>TJR4000</b>	Army JROTC 4
<b>TJR5000</b>	Army JROTC 5
<b>TJR6000</b>	Army JROTC 6
<b>TJR7000</b>	Army JROTC 7
<b>TJR8000</b>	Army JROTC 8

### Course Descriptions

JROTC may be substituted for a required PE, half credit class. See waiver requirements below under Army JROTC 1. *JROTC students who register for either session are invited to participate in all activities throughout the year or complete alternate assignments. Activities include parades, adventure training, summer and spring camp, military ball, drill competitions, basketball, community service, and school activities.*

JROTC is a Career and Technical Education Course Basic Elective. Completing two (2) credits of JROTC satisfies the graduation requirement for all students to complete two credits in World Languages, Fine Arts, or Career and Technical Education. JROTC is classified under the Public and Human Services Career Pathway.

Army JROTC is a challenging team-building course designed for all students who want to prepare themselves for responsible leadership roles. Students learn about the rights and responsibilities of citizenship, accomplishing the JROTC mission of "Motivating young people to be better citizens." The program is a stimulus for promoting graduation and provides rewarding opportunities for community and school service. Subjects taught include Citizenship, Leadership, First Aid, Health, Physical Fitness, Military History, Map Reading, Technology Awareness, Career Exploration, Service Learning, and the Role of the Armed Forces.

**TJR1000** **1 Credit**  
**Army JROTC 1**

Students successfully completing Army JROTC I (TJR1000) with a grade of "C" or higher will have the opportunity to apply for a Physical Fitness 3A credit waiver. This waiver will allow the student to substitute the Army JROTC II class for the required sophomore Physical Fitness 3A class. The credit waiver application is available from the ROTC instructors and must be completed at the time of enrollment for TJR2000. Successful completion of Army JROTC II (TJR2000) with a grade of "C" or higher is required to achieve the Physical Fitness credit waiver.

**TJR2000** **1 Credit**  
**Army JROTC 2**

**TJR3000** **1 Credit**  
**Army JROTC 3**

**TJR4000** **1 Credit**  
**Army JROTC 4**

*Students wishing to register for TJR5000 through TJR8000 must have demonstrated exemplary skill levels in the pre-requisite courses and participate in advisement with instructors.*

**TJR5000** **1 Credit**  
**Army JROTC 5**

**TJR6000** **1 Credit**  
**Army JROTC 6**

**TJR7000** **1 Credit**  
**Army JROTC 7**

**TJR8000** **1 Credit**  
**Army JROTC 8**

**Spring Break & Summer Leadership Challenges**  
*See instructors for summer enrollment information.*

**TJR9010** **.5 Credit**  
**Army JROTC Leadership 1**

# LANGUAGE ARTS

## Sequence of Courses

Grade 9	Grade 10	Grade 11	Grade 12
LCY1010 English LA 1	LCY2010 English LA 2	LWH5213/12 Expository Writing 1 & 2	LCY4010 English LA 4
LRH8100 / LLH8103 (as recommended) Reading Workshop/ Writing Workshop A Lab	LCY2010J English LA 2 <i>For ESLL students only</i>	LAY6010 Advanced Placement Language & Composition <i>Fulfills graduation and BOE requirement</i>	LAY6100 Advanced Placement Literature & Composition <i>Fulfills graduation requirement</i>
	LRH8105 / LLH8103 (as recommended) Reading Workshop/ Writing Workshop A Lab	LWH5213/12J <i>Expository Writing 1 &amp; 2 For ESLL students only</i>	LCY4010J English LA 4 <i>For ESLL students only</i>
		LRH8205 / LLH8104 (as recommended) Strategic Reading/ Writing Workshop B Lab	

### Course

### Descriptions

*All four English courses are required for a high school diploma. English Language Arts courses provide students with a balanced English program, sequential in scope, emphasizing & integrating reading, writing, speaking, listening, language, vocabulary, and thinking. All sections are heterogeneous except Honors classes.*

**LCY1010**      **English LA 1**                      **1 Credit**  
**LCY2010**      **English LA 2**                      **1 Credit**  
**Honors sections are offered in English 1 and English 2.**

For students meeting ELL criteria  
**LCY2020J**      **English LA 2**  
**LWH5213/12J**      **Expos. Writing 1&2 J**                      **1 Credit**  
**LCY4010J**      **English LA 4 J**                      **1 Credit**

For students accepted to **Arts & Technology Academy**  
**LWH5213/12TA**      **Expos. Writing 1&2**                      **1 Credit**  
**LCY4010TA**      **English LA 4**                      **1 Credit**

For students accepted to **Business Academy**  
**LWH5213/12V**      **Expos. Writing 1&2**                      **1 Credit**  
**LCY4010V**      **English LA 4**                      **1 Credit**

For students accepted to **Culinary Academy**  
**LWH5213/12F**      **Expos. Writing 1&2**                      **1 Credit**  
**LCY4010F**      **English LA 4**                      **1 Credit**

For students accepted to **The Engineering Academy.**  
**LWH5213/12E**      **Expos. Writing 1&2**                      **1 Credit**  
**LCY4010E**      **English LA 4**                      **1 Credit**

For students accepted to **The Health Academy.**  
**LCY2010L**      **English LA 2**                      **1 Credit**  
**LWH5213/12L**      **Expos. Writing 1&2**                      **1 Credit**  
**LCY4010L**      **English LA 4**                      **1 Credit**

For students accepted to **The Law & Justice Academy.**  
**LWH5213/12D**      **Expos. Writing 1&2**                      **1 Credit**  
**LCY4010D**      **English LA 4**                      **1 Credit**

For students accepted to **The Sports Academy.**  
**LWH5213/12G**      **Expos. Writing 1&2**                      **1 Credit**  
**LCY4010G**      **English LA 4**                      **1 Credit**

For students accepted to **The Teacher Academy.**  
**LWH5213/12C**      **Expos. Writing 1&2**                      **1 Credit**  
**LCY4010C**      **English LA 4**                      **1 Credit**

*Students who have been identified in need of additional reading development, (SAT Stanine Score 4) will be placed in these courses. This series of linked courses will focus on developing abilities to increase comprehension and critical reading and writing skills in various subject material while developing an improved knowledge of one's own interests and subsequent possible choices.*

**LRH8105**      **Reading Workshop /**      Grade 9  
**LWH8103**      **Writing Workshop A**                      **1 Credit**

**LRH8205**      **Strategic Reading /**      Grade 10  
**LWH8104**      **Writing Workshop B**                      **1 Credit**

**XAG1030/XAG1030**      *for Grades 11 & 12*      **1 Credit**  
**Test Preparation-College Entrance Examination**  
*Completion or current enrollment in Geometry recommended.*  
 This course is designed for college bound students who need to take the SAT college entrance exam. Intensive vocabulary study, reading comprehension skills will be covered. Course reviews Algebra 1 and 2, grammar and essay writing covered in the exam. Students practice on new SAT I tests. (Lab fee will be charged for practice exam book)

## LANGUAGE ARTS

### **LAY6010 AP Lang. & Comp. 1 Credit**

Students in this introductory college-level course read and carefully analyze a broad and challenging range of nonfiction prose selections, deepening their awareness of rhetoric and how language works. Through close reading and frequent writing, students develop their ability to work with language and text with a greater awareness of purpose and strategy, while strengthening their own composing abilities. Students will be expected to take the AP Exam at the end of the course and may earn university credit if they receive a qualifying score. Interested students should get an application from their counselor.

### **LAY6100 AP Literature & Comp 1 Credit**

This AP English Literature course is designed to teach beginning-college writing through literary theory and analysis. The course is organized in thematic units focused on essential questions that tie together the varied texts. Students will explore the essential questions and deepen their perspectives on these questions through literature. In addition to connecting the multi-genre units by theme, students will comparatively analyze the texts structure and form. Students will be expected to take the AP Exam at the end of the course and may earn university credit if they receive a qualifying score. Interested students should get an application from their counselor.

### **FTA1300 Beginning Acting 1 Credit**

Introductory course designed in partnership with T-Shirt Theater to enhance understanding of life through the study and performance of dramatic works. Emphasis is on developing students' ability to express themselves freely and establish personal criteria for critical evaluation of dramatic activities with focus on techniques of beginning acting.

### **FTA2000 Intermediate Acting 1 Credit**

The second course designed in partnership with T-Shirt Theater. This course continues the study of dramatic works through performance and the study of acting techniques.  
*(Repeatable for credit)*

### **LWH5250 Journalistic Writing & Publishing 1 Credit**

### **LLH5253A/LLH5254B Journal Writing & Pub Lab 1 Credit**

### **LJY8210 Newswriting 1 1 Credit**

### **LJY8300 Newswriting 2 1 Credit**

### **LJY8400 Newswriting 3 1 Credit**

### **LJY8500 Newswriting 4 1 Credit**

### **LDY7010NW Dir. Study in Eng-Newsriting 1 Credit** *English Teacher and Newsriting Advisor should be consulted for advisement and registration assistance.*

Newsriting is designed to help students develop an understanding of journalism and the process involved in the production of a newspaper. Students will learn newsriting, researching, interviewing and editing skills, as well as how to lay out stories on the computer. Advanced students will assume leadership roles in planning and producing the school paper, *The Governor*. Students must be willing to work on the paper after hours if necessary to meet deadlines. It is highly recommended that students sign-up for two sessions.  
EX: Newsriting 1 and Newsriting 2.



# MATHEMATICS

*Entrance requirements for the University of Hawaii: satisfactory completion of Algebra 1, Geometry, & Algebra 2*

## Course Catalog

Mathematics Support	Traditional Mathematics	Higher Mathematics	Advanced Placement
MAX1080 MOW for Algebra 1	MAX1155 Algebra 1	MCX1010 / MCX1020 Trigonometry/Pre Calculus	MCA1050 AP Statistics
MAX1180M2 MOW for Algebra 2	MAX1200 Algebra 2	MCX1040 Calculus	MCA1040 AP Calculus
	MGX1150 Geometry		

## Course Descriptions

**MAX1080** **1 Credit**  
**Modeling Our World 1**

This course is intended to be a support course for Algebra 1. It is for students who need remediation in order to be ready for Algebra 1. It counts toward the math credits required for graduation.

**MCX1010 / MCX1020** **.5 & .5 Credit**  
**Trigonometry/Pre-Calculus**

This course covers trigonometric functions, circular functions, graphs, identities, triangles, inverse functions, complex numbers, conics, simplifications of equations, algebraic curves, transcendental functions, polar coordinates, parametric equations, vectors, planes and lines.

**MAX1180M2** **1 Credit**  
**Modeling Our World 2**

This course is intended to be a support course for Algebra 2. It is for students who need remediation in order to be ready for Algebra 2. It counts toward the math credits required for graduation.

**MCX1040** **1 Credit**  
**Calculus**

Students are expected to have a strong pre-calculus background. This course covers functions and their inverses, limits, differentiation, integration, and applications of differentiation and integration.

**MAX1155** **1 Credit**  
**Algebra 1**

Students become intimately familiar with the function concept and begin categorizing functions in terms of properties of two major family of functions: linear and quadratic. Other topics include the real number system, equations, inequalities, polynomials, systems of linear equations and inequalities, exponents, and radicals.

**MCA1040** **1 Credit**  
**AP Calculus**

Students are expected to have a strong pre-calculus background. In addition to the topics covered in Calculus, students learn about differential equations, slope fields, and prepare for the Advanced Placement exam. Emphasis will be placed on developing critical thinking skills as students rely on logical reasoning, conceptual understanding and argument in calculus applications.

**MAX1200** **1 Credit**  
**Algebra 2**

Students extend their knowledge of functions learned in Algebra 1 to the families of polynomials, rational, exponential and logarithmic functions. They study in depth the general properties of functions that apply across the different families such as domain and range, translations, inverses, and compositions. Other topics include but are not limited to absolute value and piecewise functions.

**MCA1050** **1 Credit**  
**AP Statistics**

Advanced Placement Statistics introduces students to methods of collecting, analyzing, and drawing conclusions from data. The four broad topics of the course are exploring data, planning a study or experiment, anticipating patterns using probability, and analyzing data. Students will work on several projects involving gathering and analyzing real world data. Statistics is often a required course in majors such as business, psychology, biology, economics, and education.

**MGX1150** **1 Credit**  
**Geometry**

This course covers basic figures of geometry, angles and perpendicular lines, parallel lines and planes, congruent triangles, quadrilaterals, similar polygons, circles, construction, measuring planes/solid figures, coordinate geometry, and proofs.

## PHYSICAL EDUCATION AND HEALTH

*PE uniform or approved alternate dress required. Students are encouraged to wear the PE uniform for health, safety and to promote school pride. Purchase can be made the first week in PE class.*

### Sequence of Courses

Required for a Diploma		Other Courses
PEP1005 Physical Education: Lifetime Fitness		PWP1210 / PWP1220 Weight Training 1A/1B PWP1230 / PWP1240 Weight Training 2A/2B
PEP1010 Physical Education: Lifetime Activities	NDE2000 Drivers Education	PTP1640 Team Sports 1 PTP1650 Team Sports 2
PFP1310 Physical Education: Physical Fitness		PBP1110 / PBP1120 Body Conditioning Life 1A / 1B
HLE1000 Health: Today and Tomorrow		PBP1130 / PBP1140 Body Conditioning Life 2A / 2B

### Course Descriptions

#### PHYSICAL EDUCATION

<b>PEP1005</b>	<b>PE-Lifetime Fitness (required)</b>	<b>.5 Credit</b>
<b>PEP1010</b>	<b>PE-Lifetime Activities</b>	<b>.5 Credit</b>
<b>PFP1310</b>	<b>PE-Physical Fitness</b>	<b>.5 Credit</b>

**PTP1640 / PTP1650** **.5 & .5 Credit**  
**Team Sports 1 / Team Sports 2**  
 This course is designed to strengthen physical movement forms, concepts, principles and skills through participation in a variety of team sports.

**PWP1210 / PWP1220** **.5 & .5 Credit**  
**Weight Training 1A / Weight Training 1B**  
 This course is designed to provide a daily workout with a planned routine in weight training. It will provide for the students overall body conditioning and development.

**PWP1230 / PWP1240** **.5 & .5 Credit**  
**Weight Training 2A / Weight Training 2B**  
 This course is designed to provide the student with a continuous, intensive routine in weight training. Satisfactory completion of Weight Training 1A/1B required.

**PBP1110 / PBP1120** **.5 & .5 Credit**  
**Body Conditioning Life 1A / 1B** **Grade 11**

**PBP1130 / PBP1140** **.5 & .5 Credit**  
**Body Conditioning Life 2A / 2B** **Grade 12**  
 These standards based courses are designed to provide physical activity experiences that strengthen personal fitness levels. A variety of training and conditioning experiences will be presented including isometric, isotonic, iso-kinetic, ballistic, aerobic, anaerobic, resistance, plyometric, and hyper speed. Additional activities will include cardio-respiratory, muscular strength and endurance training and flexibility. The impact of diet, food, vitamins, supplements, and nutrition on physical activity and composition will be included.

#### HEALTH EDUCATION

**HLE1000** **.5 Credit**  
**Health: Today and Tomorrow**  
*Required for graduation.*  
 Emphasis is on the health needs and interests of students which prepare them to take full responsibility for their health as adults. Students will cover course topics: Injury and Violence Prevention; Risk of Tobacco use; Risks of Alcohol and other drug use; Sexual Health and Disease Prevention; Nutrition, Physical Activity; Mental Health; Personal & Consumer Health; Community & Environmental Health while addressing the DOE Standards.

**NDE2000** **.5 Credit**  
**Driver's Education** teaches potential and/or current drivers of the effectiveness of the highway transportation system in the rapid and economical movement of passenger and goods from one place to another. Emphasis will be on: SIPDE (Search, Identify, Predict, Decide and Execute) process and Zone Control to driving; understanding the rules, signs and laws of the road; alcohol and other drugs and driving. Completion of Driver Education course work may be substituted for the after-school portion of the Driver's Education course work. Behind the wheel driving will remain as a separate part of the certificate program and will be done during after-school hours: weekdays, weekends, or holidays.

# SCIENCE

## Sequence of Courses

	Science Courses	Advanced Science Courses
<b>Grade 9</b>	SPH2603 Physical Science	SLH2003H Biology-Honors
<b>Grade 10-12</b>	SLH2203 Biology	SPH3503H Chemistry-Honors
	SEH2003 Earth System Science	SPH5603H Physics -Honors
	SEH2503 Marine Science	SAH3503 Dir. Study Science
		SLH8003 AP Biology
<b>Academy Courses</b>	SLH7503L Human Physiology	
	SPH5603 Physics	
	SPH3503 Chemistry	
	SAH3003 Forensics Science	

### Course Descriptions

**SPH2603 Physical Science** **1 Credit**  
**SPH2603J Physical Science** (for ESLL students in Gr.10-12)  
**Required science course for freshmen.** Physical Science introduces physics and chemistry. It helps students to understand some of the basic science principles, gain insight into how scientific knowledge is acquired, and develop useful laboratory skills needed in later science classes.

**SLH2203 Biology** **1 Credit**  
**SLH2203J Biology** (for ESLL students only)  
**SLH2203H Biology-Honors** (Teacher recommendation)  
**Suggested science course for sophomores.** Biology is a laboratory based course for all students. Topics include structure, function, and reproduction of cells; biochemistry; classification; reproduction and heredity; evolution; and ecology. Recommended Prerequisite: Completion of Physical Science.

**SPH3503 Chemistry** **1 Credit**  
**SPH3503H Chemistry-Honors** (Teacher recommendation)  
*(Recommended Pre-requisite: "B" or better in Algebra 1)*  
 This course is suitable for students who plan to go on to a community college. This is a laboratory-centered course which includes the study of properties of matter, chemical formulas and equations, the mole concept and stoichiometry, kinetic molecular theory, atomic structure, bonding and periodicity.

**SEH2003 Earth Science** **1 Credit**  
 This is a laboratory based course for all students. The topics will include the study of rocks and minerals, volcanoes, earthquakes, the ocean, the weather and outer space.

**SEH2503 Marine Science** **1 Credit**  
 This is an introductory course in biological and physical oceanography designed to develop basic knowledge and appreciation of the ocean environment.

**SPH5603 Physics** **1 Credit**  
*(Recommended Pre-requisite: C or better in Algebra I or equivalent)*  
 This course introduces the student to the central ideas, principles, and relationships of physics as they are applied at the technician level in various careers. The major areas covered are: kinematics, the description of motion; mechanics, the effects of force on motion; and electricity and magnetism.

**SLH7503L Human Physiology 1** **1 Credit**  
**Health Academy**  
*(See Page 35 for a description.)*

**SIH3903 AP Environmental Science** **1 Credit**  
*(Recommended Pre-requisites: Algebra 1 and Biology. 10<sup>th</sup> graders encouraged to apply, will be placed in a common Biology class during the fall semester.)*  
 AP Environmental Science (APES) offers students a lab-based, interdisciplinary introduction to a college level science course. APES draws from life science, earth science, and physical science and has been designed for the College Board Exam. The goal of APES is to provide students with the principles, concepts, and methodologies to understand the natural world, analyze environmental problems, and examine solutions for resolving them. This course relies on multiple field trips and labs.

**SLH8003/SAH3503AP AP Biology** **1 Credit**  
*(Recommended Pre-requisite: B or better in Biology, Algebra 2 and Teacher Recommendation)*  
 AP Biology offers students a solid foundation in an introductory college-level biology course. Using the process of inquiry, this course aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. This course has been redesigned to meet the requirements of the College Board Exam that include the four Big Ideas: Evolution, Cellular Process, Genetics and Information Transfer and Ecology.

## SOCIAL STUDIES

The Social Studies Department offers courses for students to meet the Board of Education's four-credit social studies requirement for graduation. Social studies courses cannot be repeated for credit.

### Sequence of Courses

Grade 9	Grade 10	Grade 11	Grade 12
CHW1100 World History and Culture	CHU1100 US History	CHR1100 Modern History of Hawaii CGU1100 Participation in Democracy	CGW2400 Global Studies/ CSD2100 Geography <b>Engineering Academy</b>
			CSD2500 Economics/ CSD2200 Psychology <b>Health Academy</b> <b>FCAT Academy</b> <b>Business Academy</b>
			CGW2400 Global Studies/ CSD2200 Psychology <b>Teacher Academy</b>
			CGW2400 Global Studies/ CSD2500 Economics <b>Culinary Academy</b>
<b>AP Courses</b>			
CSA2000 AP Human Geography (paired with World History, replaces senior social studies)	CSA2000 AP Human Geography (year long, replaces senior social studies)	CSA2000 AP Human Geography (year long, replaces senior social studies)	CSA2000 AP Human Geography (year long, replaces senior social studies)
	CHA6100 AP US History (year long, replaces US History)	CSA2300 AP Psychology (year long, replaces senior social studies)	CSA2300 AP Psychology (year long, replaces senior social studies)

*Taken in Grade 9 HALE*

**CHW1100**

**World History and Culture**

World History and Culture is a study of the historical development of the world and selected cultures from around the world that have contributed to the development of modern cultures which characterizes different world regions today.

**Course**

**1 Credit**

**Descriptions**

**Participation in Democracy** provides opportunities for students to actively engage in civic discourse and participation. Students will examine government, political activity, contemporary issues, decision making processes, and the democratic process. Students are expected to take an active role as citizens and use the tools and methods of social scientists in their inquiry.

*Taken in Grade 10*

**CHU1100**

**US History and Government**

U.S. History & Government covers the development of the United States from reconstruction to the present while emphasizing an understanding and appreciation of our democratic ideas and principles. The student will study the nation's economic, political, and social systems.

**1 Credit**

*Taken in Grade 12*

**CSD2500 / CGW2400**

**Economics/Global Studies**

**Economics** will help students examine how individuals and societies allocate scarce resources. Students will learn economic concepts such as supply and demand, trade, fiscal and monetary policies, which they can apply to personal finance.

**Global Studies** will cover the economic, political, social, and geographic trends that have global implications. Students will examine current events and issues to understand the part they play as informed citizens in this increasingly interdependent world.

**.5 & .5 Credits**

*Taken in Grade 11*

**CHR1100 / CGU1100**

**Modern History of Hawaii / Participation in Democracy**

**Modern History of Hawaii** is a study of the historical development of modern Hawaii and its effect on the social, political, and economic compositions of our state. People, events, and technological developments are analyzed.

**.5 & .5 Credits**

## Social Studies

### Academy Courses

#### Culinary Academy

##### Gr. 12 Social Studies courses

##### **CGW2400F Global Studies** .5 Credit

Global Studies will cover the economic, political, social, and geographic trends that have global implications. Students will examine current events and issues to understand the part they play as informed citizens in this increasingly interdependent world.

##### **CSD2500F Economics** .5 Credit

Economics will help students examine how individuals and societies allocate scarce resources. Students will learn economic concepts such as supply and demand, trade, fiscal and monetary policies, which they can apply to personal finance..

#### Health Academy

##### Gr. 12 Social Studies courses

##### **CSD2500L Economics** .5 Credit

Economics will help students examine how individuals and societies allocate scarce resources. Students will learn economic concepts such as supply and demand, trade, fiscal and monetary policies, which they can apply to personal finance.

##### **CSD2200L Psychology** .5 Credit

This course helps students understand the physiological and psychological basis for human behavior. Students explore the difference between theory and facts that cannot be proven scientifically, in the context of human behavior. This course also focuses on examining research methods in psychology, various theories and understanding aspects of behavior disorders.

#### Teacher Academy

##### Gr. 12 Social Studies courses

##### **CGW2400C Global Studies** .5 Credit

Global Studies will cover the economic, political, social, and geographic trends that have global implications. Students will examine current events and issues to understand the part they play as informed citizens in this increasingly interdependent world.

##### **CSD2200C Psychology** .5 Credit

This course helps students understand the physiological and psychological basis for human behavior. Students explore the difference between theory and facts that cannot be proven scientifically, in the context of human behavior. This course also focuses on examining research methods in psychology, various theories and understanding aspects of behavior disorders.

## Advanced Placement

#### **CHA6100 AP US History**

**1 Credit**

Advanced Placement U.S. History prepares students for intermediate and advanced college courses by making demands equivalent to those made by full year introductory college courses. Students will learn to assess historical materials—their relevance to a given interpretive problem, their reliability, and their importance, and to weigh the evidence and interpretations presented in historical scholarship. The course will emphasize key themes in United States history including: American diversity, identity and culture, demographic change, economic transformations, the environment, globalization politics, reform, religion, slavery, and its legacies in North America, and War and Diplomacy. Students will develop their process skills: analysis, synthesis, evaluation and critical reading necessary for the mastery of the content, and also to develop historically accurate interpretations of the events of United States History. The course will also help students develop the ability to think and reason analytically as demonstrated through essay and expository writing of document based free response essay questions.

#### **CSA2000 AP Human Geography**

**1 Credit**

The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces students to the study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students apply spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. Students will develop the ability to read college-level texts and apply the conventions of Standard Written English in their writing and the required free response questions.

#### **CSA2300 AP Psychology**

**1 credit**

The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas.

## SPECIAL EDUCATION

*The Special Education program at Farrington High School is designed to serve all certified special education students.* This program is separated into two routes: Diploma Route and Non-Diploma Route or Individually Prescribed Program (IPP). The Non-Diploma Route (IPP) requires the completion of the student's IEP and earns the student a Certificate of Completion. Most non-diploma students take non-credit courses with a few elective credit classes. The Diploma-Route requires the student to complete the same credit requirements which all students must meet for a high school diploma. Students choosing the Diploma Route may take some elective courses within the Special Education Department. All students choosing the diploma route will take required and elective classes in the regular education program.

### **Non-Diploma—Life Skills:**

NSA 2000—Adaptive Living Skills  
NSA2100—Adaptive Living Skills  
NSA2200—Adaptive Living Skills  
NSA2300—Adaptive Living Skills  
NSA2400—Adaptive Living Skills  
PFP1320S—Phys Fit (Adapt. PE)

### **Non-Diploma—IPP:**

NSC10159—Community-Based Instruction (9<sup>th</sup> Grade)  
NSC102510—Community-Based Instruction (10<sup>th</sup> Grade)  
NSC104511—Community-Based Instruction (11<sup>th</sup> Grade)  
NSC105512—Community-Based Instruction (12<sup>th</sup> Grade)  
NSC1035OSA/B—Community-Based Instruction (Project X)

## WORLD LANGUAGES

Studying a foreign language for a minimum of two credits will enable a student to fulfill college entrance requirements. When two credits of a foreign language are taken in a single year, they must be of the same foreign language

### Sequence of Courses

French	Hawaiian	Ilokano	Japanese	Spanish
WEF1000 French 1	WPH1000 Hawaiian 1	WPI1000 Ilokano 1	WAJ1000 Japanese 1	WES1000 Spanish 1
WEF2000 French 2	WPH2000 Hawaiian 2	WPI2000 Ilokano 2	WAJ2000 Japanese 2	WES2000 Spanish 2
	WPH3000 Hawaiian 3		WAJ3000 Japanese 3	WES3000 Spanish 3
	WPH4000 Hawaiian 4		WAJ4000 Japanese 4	WES4000 Spanish 4
	WLD4000 Directed Study World Language			
	WLD4000 Directed Study World Language			

### Course Descriptions

**WEF1000** **1 Credit**  
**French 1**

This is a beginning course in listening, speaking, reading and writing French. Course work includes frequent tests, creation and presentation of dialogs, projects and oral recitations. French culture is also a part of the course.

**WEF2000** **1 Credit**  
**French 2**

*Pre-requisite: Student must have passed French 1.*  
This course is a continuation of French I. Course work includes daily practice of all the skills from Level 1, dialogs, projects, translations, quizzes and exams with an increase in more complex grammatical structures.

**WPH1000** **1 Credit**  
**Hawaiian 1**

This course emphasizes the development of basic language skills and the mastery of elementary spoken grammatical structures. Vocabulary used most often in everyday conversation is taught through dialogs, pattern drills and variations, question/answer exchanges, simple reading and controlled writing. Hawaiian culture is introduced as it relates to the language.

**WPH2000** **1 Credit**  
**Hawaiian 2**

*Pre-requisite: Student must have passed Hawaiian 1.*  
This course will provide an intensive comprehension and production of Hawaiian. Controlled activities are gradually replaced with more open-ended activities to allow for effective oral communication and further understanding of the Hawaiian culture.

**WPH3000** **1 Credit**  
**Hawaiian 3**

*Pre-requisite: Student must have passed Hawaiian 2.*  
Oral communication is refined through interactive activities and occasional controlled drills. Additional grammatical structures taught at this level support communication tasks. Active vocabulary and reading are greatly increased with readings drawn from all available sources. Continue to expand upon the understanding of the Hawaiian culture.

**WPH4000** **1 Credit**  
**Hawaiian 4**

*Pre-requisite: Student must have passed Hawaiian 3.*  
The language presented in the classroom is the rapid and colloquial speech of the native Hawaiian speakers and takes the form of recordings, cultural and literal presentations and discussion as well frequent talks by native speakers on a large variety of subjects. Major emphasis is on vocabulary growth. Independent research and translation will be emphasized.

**WPH5000** **1 Credit**  
**Advanced Hawaiian**

**WLD4000** **1 Credit**  
**Directed Study in World Languages**

These courses are utilized for the student who wishes to further pursue more intensive studies in the Hawaiian Language. This will entail research work on a topic mutually agreed upon by the Hawaiian language instructor and the student. This can include research using the internet, State Library and Bishop Museum sources. Research can be descriptive/historical to align with World Language and Language Arts standards. Students may use this class to explore careers in language education.

## WORLD LANGUAGES

### **WPI1000** **1 Credit** **Ilokano 1**

Ilokano 1 takes a creative and lively approach to language learning. Students actively learn and use Ilokano in community and school language and cultural activities. In addition to exciting classroom activities such as creating plays in Ilokano, students develop individual electronic (website) portfolios as a way of showcasing the skills and knowledge learned throughout the session. College and academic skills are embedded in language learning.

### **WPI2000** **1 Credit** **Ilokano 2**

*Pre-requisite: Student must have passed Ilokano 1.*

Ilokano 2 builds on the skills developed in the first course by engaging students in more advanced oral activities such as conducting community interviews. Reading and writing activities are also expanded to include Philippine history, folklore, and other reading materials of special interest to individuals in the class. Students showcase their learning by developing creative media products such as videos, CDs, or Web homepages.

### **WAJ1000** **1 Credit** **Japanese 1**

This basic course will develop elementary skills of speaking, listening, reading and writing. Emphasis will be placed on mastery of two writing systems-hiragana and katakana, basic language patterns and oral/conversational phrases. Introducing memorization, daily homework, and weekly oral and written tests. Culture, customs, and geography of Japan included.

### **WAJ2000** **1 Credit** **Japanese 2**

*Pre-requisite: Student must have passed Japanese 1.*

This course is a continuation of Japanese I. Reading and writing in hiragana and katakana will be strongly emphasized. Kanji will be the third writing system introduced. Constant review of materials learned in Level I along with an increase in grammar patterns and orals. Continue study of Japanese culture.

### **WAJ3000** **1 Credit** **Japanese 3**

*Pre-requisite: Student must have passed Japanese 2.*

This course is a continuation of Japanese 2. Emphasis will be placed on advanced listening, speaking, writing, and reading skills. An introduction to the use of a kanji dictionary (Nelson's) will develop the student's research skills in deciphering complex kanji combinations for independent learning. Group projects include presentations and translations. Continue study of Japanese culture.

### **WAJ4000** **1 Credit** **Japanese 4**

*Pre-requisite: Student must have passed Japanese 3.*

This course is a continuation of Japanese 3. Emphasis continues to be placed on advanced listening, speaking, writing, and reading skills. Independent and group assignments, research, projects and presentations incorporating authentic material will be assigned. Continue to add to the grammar and kanji inventory of past levels. Continue study of Japanese culture.



## WORLD LANGUAGES

### **WES1000** **1 Credit** **Spanish 1**

This introductory course develops the four language skills: listening, speaking, reading and writing. It introduces Spanish language and Hispanic culture through conversations, written and oral exercises, readings and video programs. Pair work, small group works, skits, interactive activities and projects will be used in class.

### **WES2000** **1 Credit** **Spanish 2**

*Pre-requisite: Student must have passed Spanish 1.*

This course is a continuation of Spanish 1. All four language skills-listening, speaking, reading and writing-will be reinforced and practiced daily in Spanish. Vocabulary and grammar structures are further developed through conversations, written and oral exercises, readings, web-based activities and video programs. Pair work, small group work, skits, interactive activities and projects will be used in class.

### **WES3000** **1 Credit** **Spanish 3**

*Pre-requisite: Student must have passed Spanish 2.*

This is a continuation of Spanish 2. Students will enhance their communication skills and gain an increased appreciation for Hispanic culture. Extensive vocabulary and more complex language patterns are mastered through interactive activities.

### **WES4000** **1 Credit** **Spanish 4**

*Pre-requisite: Student must have passed Spanish 3.*

Students continue to advance their communicative skills and further enhance understanding of Hispanic culture. Students express more complex thought patterns in real-life contexts. Students continue to work independently using authentic materials.

## 4-Year Academy Outline

<b>Grade 9</b>	<b>Grade 10</b>
English 1	English 2
English Lab 1	US History
World History	Math
Physical Science	Biology
Math--MOW	CTE Pathway Cluster Elective
Algebra 1	Physical Education/Health
CTE Pathway Core class	Elective
Elective	Elective
<b>Grade 11</b>	<b>Grade 12</b>
Expos. Writ. 1 & 2	English 4
MHH/PID	Social Studies Elective
Math	Math or Elective
Science	Science or Elective
Elective / Physical Education	CTE Cluster or Concentration Elective
CTE Cluster Elective	Elective
Elective	Elective
Elective	Elective
<b>Academies:</b>	
Business Academy	Farrington Creative Arts and Technology (FCAT) Academy
Engineering Academy	Health Academy
Gov Public Service (GPS) Academy – Culinary Program of Study and Teacher Program of Study	

### Credits needed for a High School Diploma:

4	English	
4	Social Studies	
3	Math	
3	Science	
1	PE	
.5	Health	
.5	PTP (Personal Transition Plan - taken over 4 years in advisory)	
2	World Language, Fine Arts, <u>OR</u> CTE (Career Technical Education)	
6	Electives	
<b>24</b>	<b>TOTAL</b>	<b>Regular Diploma</b>

## CREATIVE ARTS & TECHNOLOGY ACADEMY

The Farrington Creative Arts and Technology Academy is a four year program that will provide students with the knowledge and experience necessary to pursue either immediate career opportunities or further education at the post secondary level. In the academy the students will have the opportunity to pursue a variety of disciplines including digital media, fashion design, fine arts, graphic design and performing arts classes.

The program is designed to expose students to fine arts and technology concepts and skills through integrated courses where English and social studies classes focus on common themes and topics.

Students will select from one of six pathways to follow in sequence. Below are the courses you must to take during your four years. All freshmen must take Arts and Communications Core (A&C Core).

<i>Digital Media</i>	<i>Broadcast Media</i>	<i>Graphic Design Tech</i>	<i>Advanced Graphics Design</i>	<i>Fashion Design</i>	<i>Fine Arts</i>
<ul style="list-style-type: none"> <li>A&amp;C Core (TAC2010)</li> <li>Digital Media (TAU2210)</li> <li>2 Fine Arts Electives</li> </ul>	<ul style="list-style-type: none"> <li>A&amp;C Core (TAC2010)</li> <li>Digital Media (TAU2210)</li> <li>Broadcast Media (TAN2110)</li> <li>1 Fine Arts Elective</li> </ul>	<ul style="list-style-type: none"> <li>A&amp;C Core (TAC2010)</li> <li>Graphic Comm. Technology 1 (TAU2116)</li> <li>2 Fine Arts Electives</li> </ul>	<ul style="list-style-type: none"> <li>A&amp;C Core (TAC2010)</li> <li>Graphic Comm. Technology 1 (TAU2116)</li> <li>Graphic Comm. Technology 2 (TAN2400)</li> <li>1 Fine Arts Elective</li> </ul>	<ul style="list-style-type: none"> <li>A&amp;C Core (TAC2010)</li> <li>Fashion Design I (TAU2311A)</li> <li>Fashion Design II (TAU2312B)</li> <li>1 Fine Arts Elective</li> </ul>	<ul style="list-style-type: none"> <li>A&amp;C Core (TAC2010)</li> <li>General Art (FVB1000)</li> <li>Level 1 course from art sequence</li> <li>Level 2 course in the sequence</li> </ul>

### Sequence of Performing Art Courses

Band	Chorus	Piano	Guitar	Ukulele	Orchestra	Acting
FMB2000 Band 1 FME1000/FME1100 Music 1/2	FMC1000 Chorus 1	FMK1000 Piano 1	FMF1000 Guitar 1	FML1000 Ukulele 1	FMV1000 Intro to Orchestra	FTA1300 Beg. Acting
FMB3000 Band 2 FME1200/FME1300 Music 3/4	FMC2000 Chorus 2	FMK2000 Piano 2	FMF2000 Guitar 2	FML2000 Ukulele 2	FMV2000 Orchestra 1	FTA2000 Inter. Acting
FMB4000 Band 3 FME1400/FME1500 Music 5/6	FMC3000 Chorus 3	FMK3000 Piano 3	FMF3000 Guitar 3		FMV3000 Orchestra 3	
FMB5000 Band 4 FME1600/FME1700 Music 7/8	FMC4000 Chorus 4	FMK4000 Piano 4	FMF4000 Guitar 4			

### Sequence of Visual Art Courses

Drawing & Painting	Ceramics	General Art	Photography
FVQ1000 Drawing and Painting 1	FVL1000 Ceramics 1	FVB1000 General Art 1	FVP1000 Photography 1
FVQ2000 Drawing and Painting 2	FVL2000 Ceramics 2	FVB2000 General Art 2	FVP2000 Photography 2
FVQ3000 Drawing and Painting 3	FVL3000 Ceramics 3		
FVD1000Q Directed Study-D&P			

### Other Electives

Newswriting	Yearbook Production
LJY8210 Newswriting 1	XYX8610 Yearbook Production 1
LJY8300 Newswriting 2	XYX8630 Yearbook Production 2
LJY8400 Newswriting 3	XYX8650 Yearbook Production 3
LJY8500 Newswriting 4	XYX8670 Yearbook Production 4
LDY7010NW Directed Study--NW	

### Required Core Courses

Grade 9	Grade 10	Grade 11	Grade 12
LCY1010 English I CHW1100 World History MAX1080 MOW 1 MAX1155 Algebra 1 SPH2603 Physical Science TAC2010 A&C Core	LCY2010 English 2 CHU1100 US History SLH2203 Biology PEP1005 Physical Ed HLE1000 Health Math course (TBD)	LWH5211/12 Expos Writing 1, 2 CHR1100 Modern History of Hawaii CGU1100 Participation in Democracy PEP1010 Physical Ed Math and Science Course (TBD)	LCY4010 English 4 CSD2500 Economics CSD2200 Psychology

## BUSINESS ACADEMY

The Business Focus students aspire to:

- Enrich their understanding of local and global business concepts and trends
- Practice informed decision-making to contribute to personal and community financial stability
- Acquire and develop professional knowledge and essential workplace skills through rigorous and relevant course work.

The Farrington Business Academy courses provide students with a fundamental introduction to the business field, integrating CCSS (Common Core State Standards), interdisciplinary lessons, and project based learning. Students learn business terms, business and banking operations, basics of hospitality and tourism, marketing, communication, budgeting, resume writing, job interview preparation, and entrepreneurship. The Business Academy also prepares students to be productive members of society through relevant hands-on experience, thought-provoking collaboration, engaging fieldtrips, and much more. In the Business Academy, students have opportunities to job shadow and gain real work experience in the credit union, banking, and hotel industries. The Farrington Business Academy comprehensively prepares students to be college and career ready.

See Mr. Chattergy in A256, Mrs. Mullin in A257 or Mrs. Rice in A258

### Sequence of Courses

<b>Grades 9 &amp; 10</b>	TBC3010	Business Career Pathway Core
<b>Grade 11</b>	TBU3310	Finance
<b>Grades 11</b>	TBU3510	Marketing Principals & Application
<b>Grade 12</b>	TPU7510	Introduction to Hospitality and Tourism Service
<b>Grade 12</b>	TPU7522	Hospitality Career and Customer Service Skills
<b>Grade 12</b>	TBN3810	Entrepreneurship

### Course Descriptions

#### **TBC3010**

#### **Business Career Pathway Core**

This course is designed for students who plan to pursue careers in business, and/or related occupations. Students will learn essential business concepts such as business communication, system organizational structure, organizational behavior, business ethics, influence of technology, customer service, accounting and finance to build a successful business that will provide a solid foundation for further study in preparation for careers in business. Problem-based, real-world application of business concepts will be emphasized. Students will utilize technology for a variety of business applications and business communication; demonstrate effective customer service; and use accounting concepts to formulate, analyze and evaluate financial decisions in business. This course is a recommended prerequisite for students pursuing a business pathway program of study. *(9<sup>th</sup> and 10<sup>th</sup> grade Academy requirement)*

**1 Credit**

#### **TBU3310**

#### **Finance**

Finance provides students with basic principles necessary to make sound business decisions. Students will analyze and communicate computational data through utilization of appropriate oral and written methods, as well as appraise the advantages and disadvantages of various means of generating income, reducing expenses and managing risks. Recommended Prerequisite: Completion of TBC3010 Business Career Pathway Core *(11<sup>th</sup> grade Academy Requirement)*

**1 Credit**

**TBU3510** **1 Credit**  
**Marketing: Principles & Application**  
Marketing immerses students in the development and application of essential marketing concepts. Students will be expected to design, develop and implement a marketing plan that meets a consumer need in the domestic or international community, and that promotes a product, service, idea or organization that is sensitive to societal and industry ethics. Recommended Prerequisite: Completion of TBC3010 Business Career Pathway Core. (11<sup>th</sup> grade Academy Requirement)

**TPU7510** **1 Credit**  
**Introduction to Hospitality and Tourism Service**  
The purpose of this course is to give students an in depth view of each major sector in the hospitality and tourism industry--travel & tourism, hotel & lodging, cruises, food & beverage outlets, attractions, meetings & conventions and special events--focusing on how they interrelate to create the ultimate experience for leisure (FIT) and business travelers. In addition, students will learn about career and management opportunities, job qualifications and benefits within these sectors of hospitality and tourism industry. This class offers an opportunity for dual credit with select community colleges. Recommended Prerequisite: Completion of TBC3010 Business Career Pathway Core (12<sup>th</sup> grade Academy Requirement)

**TPU7522** **1 Credit**  
**Hospitality and Career and Customer Service Skills**  
The purpose of this course is to prepare students for a career in the hospitality and tourism industry. Students will learn job hunting strategies and techniques including resume writing and job interview preparation, and they will practice behaviors such as teamwork and business etiquette that display professionalism in the workplace. Methods of handling dissatisfied customers and exceeding customer expectations will be identified along with an explanation of how hospitality and tourism organizations build customer loyalty. This class offers an opportunity for dual credit with select community colleges. Recommended Prerequisite: Completion of TBC3010 Business Career Pathway Core and TPU7510 Introduction to Hospitality and Tourism Service (12<sup>th</sup> grade Academy Requirement)

**TBN3810** **1 Credit**  
**Entrepreneurship**  
Entrepreneurship introduces students to the process of recognizing opportunities and planning for the establishment of a small business. Concepts introduced will be applied and practiced. Community mentors in related fields will assist students as they implement their chosen enterprises. Students will be able to explore the unique relationships between business and the culture and values found in Hawaii today. Students will design, develop, and implement a business plan. Assessments and evaluations will be done in partnership with business and industry. Recommended Prerequisite: Completion of TBC3010 Business Career Pathway Core and a Business Pathway Cluster-Level Course. (12<sup>th</sup> grade Academy Requirement)

# ENGINEERING ACADEMY

The **Engineering Academy** is an academy for students interested in exploring careers in the Industrial, Technology, and Engineering Pathway. Recommended Pre-Requisites: Physical Science "C" or better, Algebra 1 "C" or better.

## Sequence of Courses

	Grade 10	Grade 11	Grade 12
Academy Courses	TIC5010 Industrial & Engineering Technology Career Pathway Core	TIU5800B1 Building & Construction Technology 1  TIU5310 Design Technology 1  TIU5210M1 Metals Technology 1	TIU5814B2 Building & Construction Technology 2  TIN5320 Design Technology 2  TIN5216M2 Metals Technology 2
Language Arts		LWH5213/12E Expository Writing 1 & 2	LCY4010E English LA 4
Science		SPSH5603 Physics	

## Course Description

### Grade 11

#### **TIU5800B1**

**1 Credit**

#### **Building and Construction Tech 1**

Building and Construction Tech 1 introduces students to construction and construction careers using the contextual model. Students will be asked to think and solve problems related to construction projects from concept through the actual completion of the construction process. Students will be required to sequence the work: identify by career the people involved with the different disciplines. Those who complete this course will be able to demonstrate the safe and correct use of all the primary power and hand tools used in the construction trades. In addition, students will receive an Engineering Academy high school credit and, having earned a grade of B or better, will earn 3 college credits from Honolulu Community College.

#### **TIU5310**

**1 Credit**

#### **Design Technology 1**

Design Technology 1 is a foundational course in architectural, engineering, and Computer Aided Design (CAD) technologies for students that have successfully completed one of the five career pathway courses. This course will utilize various computer design programs such as Google SketchUP, ArchiCAD, and AutoCAD to create real world professional projects and products. Students will learn basic commands and operations ranging from 2D drawing and editing tools to creating solid models and rendering. Students that take and complete this course will possibly be eligible for both Autodesk certification and dual high school and college credit from Honolulu Community College.

*Grade 12*

#### **Building and Construction Tech 2**

Building and Construction Tech 2 is a natural extension of the Tech 1 class with emphasis placed on the advanced applications of tools, machinery and processes previously explored. In depth attention will be paid to constructions systems: layout and foundations; floor, wall and ceiling framing; roof framing; windows, doors and trim work. Additional emphasis will be placed on sustainability issues to include: solar, photovoltaics, gray water systems, wind, sea water air conditioning, bio-diesel and infrastructure problems. Many past senior projects have originated from topics covered in this second year course. As with the Tech 1 class, a relationship exists between Farrington High School and Honolulu Community College that not only grants college credit, but also facilitates a seamless transition to the University of Hawaii system upon graduation.

#### **TIN5320**

**1 Credit**

#### **Design Technology 2**

Design Technology 2 will expand students' knowledge and application of the Computer Aided Design (CAD) software to include 3D modeling, 3D printing, Architectural and Mechanical design. Students will engage in high-level projects and activities in order to develop solutions to real world problems.

#### **TIU5814B2**

**1 Credit**

## Engineering Academy

### Suggested Academy Electives

**TIU5210M1** **1 Credit**  
**Metals Technology 1**

This is a beginning course that introduces the tools, materials and processes used in the metals industry. Learning experiences include welding and making metal products.

**TIN5216M2** **1 Credit**  
**Metals Technology 2**

Advanced learning experiences are provided to prepare a well-rounded metal worker for various industries.

## Governors Public Service (GPS) ACADEMY – Culinary POS

The **CULINARY POS** (program of study) is for students interested in exploring careers in all aspects of the food service and hospitality & tourism industries.

### Sequence of Courses

Grade 9	Grade 10	Grade 11	Grade 12
Program of Study Courses	Program of Study Courses	Program of Study Courses	Program of Study Courses
LCY1010 English LA 1 LLH1013/LLH1014 English Lab 1A/1B	LCY2010 English LA 2	LWH5213/12 Expository Writing 1 & 2	LCY4010 English LA 4
CHW1100 World History	CHU1100 US History	CHR1100 Modern History of Hawaii CGU1100 Participation in Democracy	CSD2200F Psychology CSD2500F Economics
	SLH2203F Biology		
TCP7010 PHS Pathway Core	TPN7219 Culinary and Nutrition	TPU7216F1 Culinary I TPL7100F1 PHS Lab – Cul. I	TPN7223F2 Culinary II TPL7100F2 PHS Lab – Cul. II <b>OR</b> TPN7316 Baking & Pastry Arts TPL7100B PHS Lab – B
Recommended Electives	Recommended Electives	Recommended Electives	Recommended Electives
	World Language Elective (French or Japanese)	World Language Elective (French or Japanese)	World Language Elective (French or Japanese)

### Course Descriptions

#### Grade 9 course

**TPC7010F** **1 Credit**  
**Public and Human Services Career Pathway Core**  
 This course is for students who plan to pursue a career in this pathway. Using an interdisciplinary approach, the following concepts will be covered: 1)Creation & management of organizational systems, 2)Communication skills, 3)Safety and healthy workplace behaviors, 4)Legal & ethical principles

#### Grade 10 course

**TPN7219** **1 Credit**  
**Culinary and Nutrition**  
 This course is designed to provide a bridge between PHS Core and Culinary 1. Students will receive instruction on the relationship of food and nutrition as it relates to careers in the culinary industry. Hands-on food labs will enhance learning in nutrition and healthy lifestyles.

#### Grade 11 courses

**TPU7216F1 / TPL7100F1** **1 & 1 Credits**  
**Culinary I / Public and Human Services Lab I**  
 This course provides an introduction to skills and experiences in the foodservice industry with practical work experiences.

#### Grade 12 courses

**TPN7213F2 / TPL7100F2** **1 & 1 Credits**  
**Culinary II / Public & Human Services Lab II**  
 Advanced coursework prepares individuals for entry-level positions in the foodservice industry. Experiences include restaurant simulations. Internship opportunities offered.

OR

**TPU7316/TPL7100B** **1 & 1 Credits**  
**Baking and Pastry Arts / Public & Human Services Lab B/P**  
*Pre-requisite: Passed Culinary I/PHS Lab I with a C or better*  
 This course is designed to introduce students to the basic principles of baking. Students will be exposed to a wide range of baking and pastry arts material.



# Governors Public Service (GPS) ACADEMY – Education POS

The EDUCATION program of study prepares students for work in the field of education.

## Sequence of Courses

Grade 9	Grade 10	Grade 11	Grade 12
Program of Study Courses	Program of Study Courses	Program of Study Courses	Program of Study Courses
LCY1010 English LA 1 LLH1013/LLH1014 English Lab 1A/1B	LCY2010 English LA 2	LWH5213/12 Expository Writing 1 & 2	LCY4010 English LA 4
CHW1100 World History	CHU1100 US History	CHR1100 Modern History of Hawaii CGU1100 Participation in Democracy	CSD2200F Psychology CGW2400C Global Studies
TCP7010 PHS Pathway Core	TPU7210C1 Explorations in Education	TPU7210C1 Explorations in Education <b>AND</b> TPL7100C1 PHS Lab	TPN7416C2 Early Childhood Education <b>OR</b> TPN7419ED Elementary Education <b>OR</b> TPN7422 Secondary Education <b>AND</b> TPL7100C2 PHS Lab
Recommended Electives	Recommended Electives	Recommended Electives	Recommended Electives
Music/Art Elective World Language Elective	Music/Art Elective World Language Elective	Music/Art Elective World Language Elective	Music/Art Elective World Language Elective

### Course

#### Grade 9 course

**TPC7010C** **1 Credit**  
**Public and Human Services Career Pathway Core**  
 Using an interdisciplinary approach to prepare students for careers in the Public and Human Services Pathway, this course provides a solid foundation for dealing in public service. This course is a prerequisite for students pursuing programs of study in this pathway.

#### Grade 10 course

**TPU7210C1** **1 Credit**  
**Explorations in Education**  
 This course is designed to have students explore career opportunities in education. Academically challenging, Exploration in Education will also offer students an overview of the teaching profession ranging from preschool to high school teaching. Students will learn teaching strategies, educational issues, professionalism, and learning styles. See Mrs. Ramiscal in room A233 for advisement. Open to juniors.

### Descriptions

#### Grade 11 courses

**TPU7210C1 / TPL7100C1** **1 & 1 Credits**  
**Explorations in Education / Public and Human Services Lab**  
 This course is designed to have students explore career opportunities in education. Academically challenging, Exploration in Education will also offer students an overview of the teaching profession ranging from preschool to high school teaching.

Students will learn teaching strategies, educational issues, professionalism, and learning styles. Field experience is a common. See Mrs. Ramiscal in room A233 for advisement. Open to juniors.

#### Grade 12 courses

**TPN7416C2 / TPL7100C2** **1 & 1 Credits**  
**Early Childhood Education / Public & Human Services Lab**  
 This course is designed for students interested in a career working with children. Emphasis on job orientation including needs and types of child care services and related career opportunities; the fundamentals of child development and ways of meeting the physical, mental, emotional and social needs of children. Field experience at elementary school is common. See Mrs. Yasuda in room A117 for advisement. Open to Seniors.

OR

**TPN7419ED / TPL7100ED** **1 & 1 Credits**  
**Elementary Education / Public & Human Services Lab**  
 This course is designed to provide focused preparation for those students interested in pursuing a career in Teaching. Academically challenging, teacher education will offer students a curriculum which will include Bloom's Taxonomy, lesson plans and mandatory field experiences. See Mrs. Yasuda in room A117 for advisement. Open to Seniors.

OR

**TPN7422 / TPL7100ED** **1 & 1 Credits**  
**Secondary Education / Public & Human Services Lab**

This course is designed to provide a focused preparation for students interested in pursuing a career in secondary (seventh to twelfth grade) teaching. Basic knowledge, skills and attitudes that will help students understand the principles of child growth, development, learning styles and teaching strategies will be addressed. The course will include school structure, organization and management related to secondary students as well as the details of salaries, benefits and relevant issues for the secondary teacher. Field experiences in classroom observations and practical participation are course requirements. Recommended prerequisite: Completion of TPC7010 Public and Human Services Career Pathway Core, and TPU7210 Explorations in Education

**See Mrs. Yasuda in room A117 for advisement. Open to Seniors.**

## HEALTH ACADEMY

The Health Academy offers a rigorous, three-year interdisciplinary program which is open to incoming sophomores and juniors who are interested in developing their career interest in health care. Students interested in this academy should complete their registration cards in a timely manner and turn it in on the first day cards are being accepted.

Mr. Jerry Danao  
Ms. Glenda Lau

Ms. Erin Kamikawa  
Ms. Gwen Oshita

Ms. Lenore Kop  
Mrs. Alette Yoshii-Ho

### Sequence of Courses c/o 2021 and beyond

Grade 9 Academy Courses	Grade 10 Academy Courses	Grade 11 Academy Courses	Grade 12 Academy Courses
LCY1010L English LA I	LCY2010L English LA II	LWH5213L & LWH5212L Expository 1 & 2	LCY4010L English LA IV
CHW1100L World History	CHU110010L US History	CHR1100L Modern Hawaiian History CGU1100L Participation in Democracy	CSD2500L / CSD2200L Psychology/Economics
SPH2603L Physical Science	SLH2003L Biology 1	SLH7503L Human Physiology	THK 4990L Health Services Pathway Capstone or THK4910L Cooperative Education: Health Services
THC4010L Health Services Career Pathway Core	THU 4030L Health & Nutrition  Health Academy Health / Physical Education	THU4027L Clinical Health	SLH8003 AP Biology OR SPH3503 Chemistry OR SPH5603 Physics
Math Course	Math Course	Math Course	Math Course
Recommended Electives	Recommended Electives	Recommended Electives	Recommended Electives
Foreign Language or Fine Arts	Foreign Language or Fine Arts	Foreign Language or Fine Arts	Foreign Language or Fine Arts
Elective	Elective	Driver's Ed / Physical Education	Elective
			Elective

### Course Descriptions

**THC4010L** **1 Credit**  
**Health Services Career Pathway Core** **Gr. 10**  
 Health Services Core provides: 1) an overview of health, the health care worker, and health care systems through classroom activities and field trips, 2) an opportunity to explore health career opportunities through classroom activities and guest speakers.

**THU4027L** **1 Credit**  
**Clinical Health** **Gr. 11**  
 Overview of health Occupations will give students more in-depth knowledge about health careers. Students will learn basic skills needed to be successful in various health careers through a combination of classroom activities and job shadowing with mentors in health care professions.

**SLH7503L** **1 Credit**  
**Human Physiology** **Gr. 11**  
*Pre-Requisite: Biology* **Credit:1.0** **Gr:10**  
 Human Physiology is laboratory based course studying the human body and how it works at the chemical, cellular, tissue, organ and system levels of organization.

**THK4910L** **1 Credit**  
**Cooperative Education: Health Services** **Gr. 12**  
 This course is designed for students to apply their skills in the workplace in a paid or unpaid entry-level health-related job. Students will receive credit for satisfactory performance in the classroom and in the workplace setting.

# Advanced Placement Course Offerings

## Course Descriptions

### English Language Arts

**LAY6010** 1 Credit

**AP Language & Composition\* (11<sup>th</sup> grade)**

The AP English Language and Composition course requires students to become skilled readers of prose written in a variety of time periods for a variety of purposes. Students will develop into skilled writers who are able to compose rhetorically strong arguments and analysis. While writing represents a significant component of this course, the core skill required is the ability to read well. This course is for any student who wants to attend college.

**LAY6100** 1 Credit

**AP Literature & Composition\* (12<sup>th</sup> grade)**

This AP English Literature course is designed to teach beginning-college writing through literary theory and analysis. Students will read poetry, novels, short stories, and drama. The course is organized in thematic units focused on essential questions that tie together varied texts. In addition to connecting the multi-genre units by theme, students will comparatively analyze the texts' structure and form. This course is for students who love to read and discuss literature.

### Science

**SIH3903** 1 Credit

**AP Environmental Science\* (10<sup>th</sup>-12<sup>th</sup> grade)**

AP Environmental Science draws from life science, earth science, and physical science. The goal of APES is to provide students with the principles, concepts, and methodologies to understand the natural world, analyze environmental problems, and examine solutions for resolving them. This course relies on multiple field trips and labs.

**SLH8003** 1 Credit

**AP Biology (12<sup>th</sup> grade)**

AP Biology is a lecture and laboratory based life science course. The topics covered are the chemistry of life, the structure and function of cells, metabolism with an emphasis on cellular respiration and photosynthesis, Mendelian and molecular genetics, mechanisms of evolution, biological diversity and taxonomy, plants and animals, and community ecology. Prerequisites include Biology and Chemistry.

### Mathematics

**MCA1050** 1 Credit

**AP Statistics**

The AP Statistics course is designed to introduce students to statistical concepts including probability, data collection, and experimental design. Students work to gather and analyze real world data and use statistical techniques to make sense of and solve real world problems. The concepts learned in this course are highly relevant to real life and will prepare students for a variety of courses of study.

**MCA1040** 1 Credit

**AP Calculus**

The AP Calculus course challenges math enthusiasts to problem-solve on a daily basis through inquiry and lively academic discussions. Grounded in the powerful concept of a "limit", students learn differentiation and integration techniques to grapple with real life math problems under changing conditions. AP Calculus elevates the student's capacity and status as a mathematician in preparation for college degrees in the mathematics, engineering, and science fields.

### Social Studies

**CSA2000** 1 Credit

**AP Human Geography (9<sup>th</sup>-12<sup>th</sup> grade)**

AP Human Geography focuses on the relationship between humans and their natural environment and the lasting impacts of these interactions. Students will find that they play an essential role in Human Geography as they make connections to their daily lives. There are no prerequisites required to take this course.

**CHA6100** 1 Credit

**AP US History\* (10<sup>th</sup>-12<sup>th</sup> grade)**

AP United States History students will explore why the world is the way it is today and develop a deeper understanding of how the forces (like government or powerful groups) impact people's lives. In APUSH, students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Discussion is key in this class, as students wrestle with facts, theories, and philosophies to weave together coherent and accurate stories about the way America and its people evolved over time.

**CSA2300** 1 Credit

**AP Psychology (12<sup>th</sup> grade)**

AP Psychology is a rigorous and relevant course in which students will answer the question: why do we do what we do? Through this course, students will be introduced to the basic scientific concepts and sub fields within psychology.