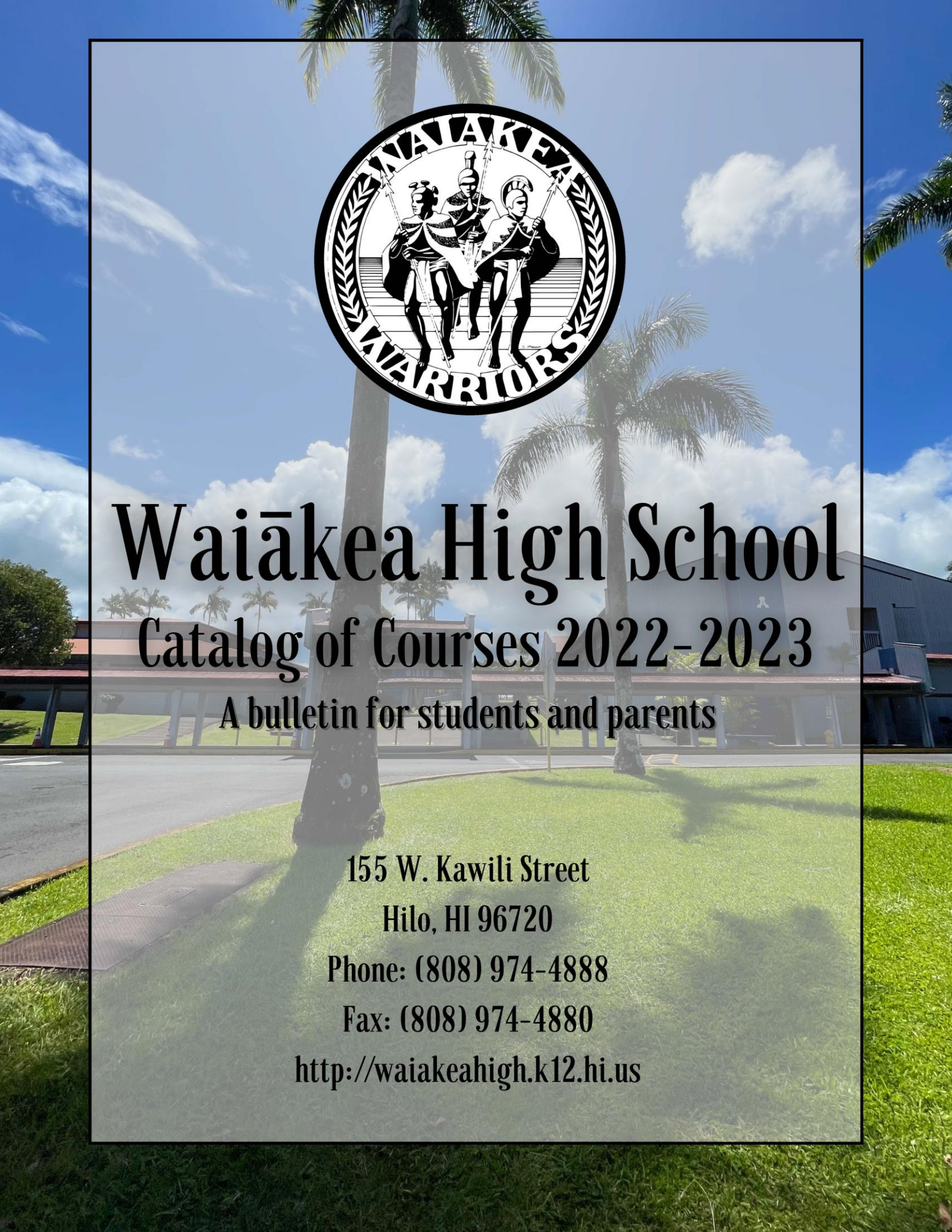

Waiākea High School

Catalog of Courses 2022-2023

A bulletin for students and parents

155 W. Kawili Street

Hilo, HI 96720

Phone: (808) 974-4888

Fax: (808) 974-4880

http://waiakeahigh.k12.hi.us

Cover design contribution by: Shaneille Ramos
Academy of Industry & Technology, Business Pathway

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Waiākea High School Website: www.waiakeahigh.k12.hi.us
Instagram: @waiakeahigh
Facebook: @WaiakeaHighSchool
Twitter: @WaiakeaHigh

Principal's Message

Welcome to Waiākea High School where our vision and mission guide students to "Learn for Life" using a smaller learning community (academy) structure. College and career preparation is our highest priority. After a year of exploration in the Freshman Academy, students will choose from one of twelve career pathways. They will also join one of our four nationally certified career academies to help them discover who they are, what they are passionate about, and how to begin preparing for a possible career choice. In addition to fulfilling graduation requirements and preparing to continue their education after high school, students are also introduced to real life experiences through work-based learning opportunities.

As they decide on which courses to take, students are encouraged to seek counsel and advice from their teachers, parents and industry partners. Policies and informational materials about courses and general procedures for registration are developed in accordance with the Department of Education's rules and regulations and with Federal and State laws related to non-discrimination and equal access.

***Kelcy KM Koga*, Principal**

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Notice of Language Assistance

If you have difficulty understanding English, you have the right to receive language assistance at no cost to you. Please contact your school's principal for more information.

(Traditional Chinese / 繁體中文) 如果您理解英語有困難，您有權得到免費的語言幫助。
請聯繫您的學校校長以獲得更多信息。

(Simplified Chinese / 简体中文) 如果您理解英语有困难，您有权得到免费的语言帮助。请联系您的学校校长以获得更多信息。

(Japanese / 日本語) 英語の理解に困難を覚える方は、無料で言語支援を受ける権利があります。
詳細につきましては学校長にお問合わせください。

(Hawaiian / ʻŌlelo Hawaiʻi) Ina pilikia oe i ka hoomaopopo i ka olelo Pelekania, he kuleana no kou e lawelaweia oe i ke kokua olelo me ka uku ole. E hui kuka me ke poo kumu o kou kula no kekahi ike hou aku.

(Korean / 한국어) 영어를 이해하는데 어려움이 있는 경우, 무료로 통역 지원을 받을 권리가 있습니다. 더 자세한 정보는 학교장에게 연락하십시오.

(Chuukese / Kapasen Chuuk) Ika epwe weires ngonuk omw weweiti fóós un Merika, mi wor omw pwúúng omw kopwe angei aninnisin aweween fóós esapw kame. Kose mochen kékkééri ewe meinapen ewe sukkun (Principal) ren tichikin pworausan.

(Ilokano / Ilokano) Nu narigat mo a maawatan ti Ingles, karbengam nga umawat ti tulong ti lenggwahe ket awan bayad na dayta a serbisyo. Para ti kanayonan nga impormasyon, mabalin a kontakem ti prinsipal ti eskwelaan yo maipanggep iti dayta a serbisyo.

(Samoan / Gagana Samoa) Afai e faigatā ona ē malamalama i le Igilisi, e i ai lau aiā e maua ai le fesoasoani tau gagana e aunoa ma se tupe e te totogi ina. Fa'amolemole fa'afeso'ota'i le pule o lau aoga mo nisi fa'amatalaga.

(Tongan / Lea faka-Tonga) Kapau 'oku faingata'a ke mahino kiate koe 'a e lea faka-Papalangi, 'oku 'i ai ho'o totonu ke ke ma'u ha tokoni fakatonulea 'ikai totongi. Kataki 'o fetu'utaki ki he puleako ki ha toe fakaikiiki ange.

(Tagalog / Tagalog) Kung nahihirapan kang intindihin ang Ingles, karapatan mong makatanggap ng tulong para sa lenggwahe at libre ang serbisyong ito. Para sa karagdagang impormasyon, maari mong kontakin ang prinsipal ng iyong paaralan tungkol sa serbisyong ito.

(Cebuano / Sugboanon) Kon kamo adunay kalisud sa pagsabut sa Iningles, naa moy katungod sa pagdawat sa tabang sa pinulongan nga walay gasto kaninyo. Palihog kontaka ang prinsipal sa inyong eskwelahan alang sa dugang nga impormasyon.

(Vietnamese / Tiếng Việt) Nếu quý vị thấy khó khăn trong việc hiểu tiếng Anh, quý vị có quyền nhận được sự hỗ trợ ngôn ngữ miễn phí. Vui lòng liên hệ hiệu trưởng của trường quý vị để biết thêm thông tin.

(Spanish / Español) Si tiene dificultad para entender Inglés, tiene derecho a recibir asistencia lingüística sin costo alguno para usted. Comuníquese con el director de su escuela para obtener más información.

(Marshallese / Kajin Majôl) Elaññe ejabwe am melele kajin Pālle, ewōr am jimwe ñan jibañ ko ikijien ukok ilo ejelok wōnen. Jouj im kōjjelāik lok principle eo an jikuul eo am ñan melele ko rellap lok.

WAIĀKEA HIGH SCHOOL

VISION - "LEARN FOR LIFE!"

Waiākea High School prepares and empowers the whole student with 21st century skills for success in high school and beyond.

MISSION

The mission of Waiākea High School is to graduate students with the essential skills of critical thinking, problem solving, communication and collaboration for success in today's world. Our mission is achieved through an environment of Smaller Learning Communities (SLC).

EDUCATIONAL FRAMEWORK

The Smaller Learning Communities of Waiākea High School are composed of a Freshman Academy and four career academies. Smaller learning communities allow teachers and other adults within the school to know individual student's needs, interests, and aspirations and to provide the necessary academic supports to facilitate learning.

The educational framework for our smaller learning communities has been adopted from the Partnership of 21st Century Skills. The interconnected components of the P21 framework include:

- **CORE SUBJECTS & 21ST CENTURY THEMES**
  - Core Subjects: Language Arts, Mathematics, Science, Government & Civics/History/Geography/Economics, Arts, and World Languages
  - Interdisciplinary Themes: Global Awareness, Financial, Economic, Business and Entrepreneurial Literacy, Civic Literacy, Health Literacy, Environmental Literacy
- **LEARNING & INNOVATION SKILLS**
  - Creativity & Innovation
  - Critical Thinking & Problem Solving
  - Communication & Collaboration
- **INFORMATION, MEDIA AND TECHNOLOGY SKILLS**
  - Information Literacy
  - Media Literacy
  - Information, Communications & Technology (ICT) Literacy
- **LIFE & CAREER SKILLS**
  - Flexibility and Adaptability
  - Initiative and Self-Direction
  - Social & Cross-Cultural Skills
  - Productivity & Accountability
  - Leadership & Responsibility

The General Learning Outcomes (GLOs) as outlined by the Department of Education are embedded within the P21 Framework:

- Self-Directed Learner
- Community Contributor
- Complex Thinker
- Quality Producer
- Effective Communicator
- Effective and Ethical User of Technology

GENERAL INFORMATION

School Description

Waiākea High School is a Smaller Learning Community (SLC) high school serving approximately 1270 students who come from varied ethnic, cultural and socio-economic backgrounds. The school is built on forty-three acres of land adjacent to Waiākea Elementary and Waiākea Intermediate schools and is part of the Waiākea Schools Complex which also includes Waiākeawaena Elementary School. College and career preparation is Waiākea's most important priority.

Student Residence

Students must reside within the Waiākea High School District, either with his/her parents or legal guardian. Students transferring from other schools (private or public) must bring a school release, including transcripts, current courses and grades, health record, and if applicable, approved Geographic Exception (GE), legal guardianship, and/or power of attorney. You may visit **https://bit.ly/3chRjvI** to see the school district in which you reside. You may also visit our school's website to view all enrollment requirements (www.waiakeahigh.k12.hi.us: Registrar > Enrollment and Withdrawals)

Geographic Exception

A **Geographic Exception (GE) Request Form CHP 13-1,** must be filed by the parent/legal guardian of a student not attending his/her home school. The forms are available at all public schools and should be completed and submitted to the home school if the student is new to the DOE or to the school where the student is currently enrolled **between Jan 4 – February 23, 2021 for the 2021-22 school year**. Approval for GE is based on 1) space availability, 2) program of study, 3) sibling at the school and/or, 4) child of a staff member. (www.waiakeahigh.k12.hi.us: Registrar > Enrollment and Withdrawals)

Please attach a self-addressed stamped envelope in order to receive a copy of your filed form.

Health Requirements

The Hawai'i School Attendance Law requires all students entering school in the State of Hawai'i for the first time to meet certain health requirements before they can be admitted to school.
Students must provide the school with:

1. A complete health record (DOE Form 14) indicating that a physical exam, properly documented tuberculin(TB) test or Risk Assessment, and all other required immunizations have been completed or,
2. An appointment card from a Doctor's Office to show that the student is in the process of completing the health requirements. A student attending school on this provisional attendance status has 3 months from the date of provisional attendance to complete the missing health requirements. There is NO provisional attendance for students lacking a TB clearance.

Physical Education Exemptions

If for any reason a student is not able to participate in physical education class, a written medical excuse from the doctor is required. The note should state the reason and duration for the restriction and submitted to the principal at the start of school or at the onset of a particular condition.

Non-Discrimination

Waiākea High School does not discriminate on the basis of race, color, national origin, ancestry, sex, gender identity, gender expression, sexual orientation, age, disability, and religion provides equal access to all programs and activities. The following person has been designated to handle inquiries regarding the nondiscrimination policies:

WHS Principal • 155 West Kawili Street • Hilo, HI 96720-5038 • (808) 974 – 4888

CO-CURRICULAR ACTIVITES

Student Activities

Waiākea High School, through its student activities and athletics programs, provides opportunities for students to participate in a wide variety of activities for such purposes as development, improvement of skills and enjoyment.

There are many chartered clubs at Waiākea High School. They consist of a wide range of interest areas and offer a variety of activities to its club members. Some of the clubs are:

Curriculum-related Clubs:
Art Club
DECA-Distributive Education Clubs of America
French Club
Future Farmers of America (FFA)
Japanese Club
Math League
National Honor Society
Photography Club
Robotics
Speech & Debate Club
Wellness Club

Service-oriented Clubs:
Interact Club
Key Club
Leo Club

Special-interest Clubs:
Animal Rights Club
Filipino Club
Gender Sexuality Alliance (GSA)
Ka Leo Wai
Korean Club
Polynesian Social Club

Athletics

There are 18 different types of interscholastic sports offered at Waiākea High School. They are as follows:

Fall Sports:
Air Riflery – Girls and Boys
Cheerleading (JV/Varsity)
Cross Country – Boys (JV/Varsity)
Cross Country – Girls (JV/Varsity)
Football (JV/Varsity)
Volleyball – Girls (JV/Varsity)

Winter Sports:
Basketball – Boys (JV/Varsity)
Basketball – Girls (JV/Varsity)
Canoe Paddling – Boys (JV/Varsity)
Canoe Paddling – Girls (JV/Varsity)
Soccer – Boys (JV/Varsity)
Soccer - Girls (JV/Varsity)
Swimming – Girls and Boys
Wrestling – Boys (JV/Varsity)
Wrestling – Girls (JV/Varsity)

Spring Sports:
Baseball – Boys (JV/Varsity)
Golf – Girls and Boys
Judo – Girls and Boys
Softball – Girls (JV/Varsity)
Tennis – Boys (Varsity)
Tennis - Girls (JV/Varsity)
Track – Boys (JV/Varsity)
Track – Girls (JV/Varsity)
Volleyball – Boys (JV/Varsity)
Water Polo – Girls

There is a state-wide academic requirement of 2.0 GPA (MPA) for participation in co-curricular (athletics and other school related) activities.

A student must have a 2.0 GPA (MPA) and no failures in required courses to participate in

- athletics
- hold office or court position
- perform, compete, or leave school for a co-curricular activity

In athletics, a student on academic review status has a grade check every two weeks and must maintain a 2.0 GPA with no failures in required courses in order to continue to actively participate.

Questions on eligibility should be addressed to the Student Activities Coordinator or Athletic Director.

COMPREHENSIVE STUDENT SUPPORT SYSTEM (CSSS)

Waiākea High School's Comprehensive Student Support System allows all students access to opportunities for growth, in knowledge, skills and appropriate attitudes, in order to enter college, be career ready and be a positive contributing citizen.

Each Smaller Learning Community / Academy team developed and implements their unique support structure. It consists of a proactive and integrated tiered continuum of supports and interventions to improve student performance within and beyond the classroom.

Effective teaching practices, personalization and collaboration with targeted community resources, as appropriate, provide a foundation so all students graduate and realize their goals and aspirations.

Student Support Programs

- Advancement Via Individual Determination (AVID)
- Alternative Learning Programs, Services and Supports (ALPSS - see page 51-52)
    - Educational Opportunity (EO)
    - Alternative Learning Opportunity (ALO)
- Attendance is Mandatory (AIM)
- Behavior Health Specialist (BHS)
- Big Island Substance Abuse Council (BISAC)
- Counseling and Career Programs (See page 10)
    - Guidance Resource Activity Center (GRAC)
    - Accelerated Learning Opportunities
        - Advanced Placement (AP)
        - Early College (EC)
        - Running Start (RS)
    - PLATO – Credit Recovery
- English and Math Labs (see pages 76 & 89)
- English Language Learners (ELL - see page 78)
- Resource Room (Q104)
- Section 504 Services
- Special Education for Students with Disabilities (SpEd - see pages 97 - 98)
- Turn It In, E-School (see page 77), GEAR UP Hawaii

SCHOLASTIC INFORMATION

WHS Promotion Policy

a) Students must have the following credits at the end of the designated year to be promoted to the next grade level.
   5 credits after the first year to be classified a sophomore (Grade 10)
   11 credits after the second year to be classified as a junior (Grade 11)
   17 credits after the third year to be classified as a senior (Grade 12)
b) Students who are retained will remain in the retained grade level until the end of the school year when credits are made up.
c) Students will receive 0.5 credit for each 1 semester course passed or 1.0 credit for each 1 year course passed. Credit for a 1 year, 1.0 credit course will be based on the YEAR grade.

DIPLOMA REQUIREMENTS

Course Requirement	Hawaii High School Diploma
English	**4.0 credits including:** • English LA 9 (1.0) • English LA 10 (1.0) • Expos. Writing 1 (0.5) • Basic English Electives (1.5) or **newly developed CCSS proficiency-based equivalent
Social Studies	**4.0 credits including (recommended sequence):** • US History (1.0) • World History (1.0) • MHH/PID (0.5 ea) • Basic Social Studies elective (1.0) or **newly developed CCSS proficiency-based equivalent
Math	**3.0 credits including:** • Algebra 1 (1.0) • Geometry (1.0) • Other Math Course (1.0) or **newly developed CCSS proficiency-based equivalent Option: 3.0 credits: Algebra 1 (1.0), Geometry (1.0) OR a two-year integrated course sequence (2.0) AND a **newly-developed CCSS proficiency-based equivalent (1.0) or other math course (1.0)
Science	**3.0 credits including:** • Biology (1.0) • Two laboratory science (2.0) or **newly-developed proficiency based equivalents
World Lang, Fine Arts, Career and Tech- Ed	**2.0 credits** in one of the specified programs of study or **newly-developed proficiency-based equivalent
Physical Education	**1.0 credit including:** • PE Lifetime Fitness (0.5) • Basic PE Elective (0.5) or **newly developed proficiency-based equivalent
Health	Health Today and Tomorrow (**0.5 credit**) or **newly developed proficiency-based equivalent
Personal Transition Plan	**0.5 credit** or **newly developed equivalent. Awarded at the end of Semester 1 of senior year.
Electives	**6.0 credits**; may include Senior Project (**1.0 credit**) or **newly-developed proficiency-based equivalent
TOTAL	**24.0 credits**

* Graduates with a cumulative GPA of 3.0 or better will be awarded Grade-Point Average Honors (See Page 9)
** DOE will establish a process for developing and approving all proficiency-based equivalents
*** AP Lang/Comp (gr. 11), AP Lit/Comp (gr. 12) can be used to meet the Expository Writing requirement.

A Certificate of Completion of an Individually Prescribed Program may be issued to IDEA students who complete all requirements set by their Individual Education Program (IEP). **Certificates are not equivalent to high school diplomas.**

Personal Transition Plan

The Board of Education Policy 4540, *High School Graduation Requirements and Commencement* establishes that all students must complete a Personal Transition Plan (PTP) as a requirement toward earning a Hawai'i High School Diploma. This graduation requirement was passed by the State Board of Education and approved by Superintendent Hamamoto on April 10, 2007 and is in effect beginning with the graduating class of 2010 and for all incoming students thereafter. Under this new mandate, if a student does not complete the requirement of the Personal Transition Plan, he/she will not graduate despite good academic standing. Credit (0.5) will be awarded only upon completion of the PTP requirements (1st semester of senior year) and will not be based on the hours spent completing the PTP but on its content and quality.

The PTP will contain elements aimed at customizing a plan of action which will assist and guide students towards maximizing their high school opportunities for life after graduation. School personnel strive to support students in their post-secondary planning however parents are also an integral part in a child's personal and academic life. Ultimately, it is each student's responsibility to complete the components of his/her PTP.

School College and Career Recognition Requirements

In addition to the Hawai'i High School Diploma, students may also receive special recognition. The following School College and Career Recognition is awarded to **students with cumulative mark point averages (GPA) of 3.0 and above by the end of the 3rd quarter of their senior year.**

Academic Honors

- 4 credits of Math (4th credit beyond Algebra 2)
- 4 credits of Science
- 2 courses minimum in AP/IB/College Credit (e.g., Early College, Running Start)

CTE Honors

- Completes program of study (2-3 courses in sequence)
- Earn a B or better in each required program of study course
- Complete one of the following
    - Meet or exceed proficiency on performance-based assessment (e.g., WHS Senior Project)
    - Earn a nationally recognized certificate
    - Earn a passing score on a Dual Credit Articulated program of study assessment

STEM Honors

- 4 credits in Math (4th credit beyond Algebra 2)
- 4 credits of Science
- STEM capstone/STEM senior project

Grade Point Average Honors

- Cum Laude – GPA of 3.0 to 3.5
- Magna Cum Laude – GPA of 3.5+ to 3.8
- Summa Cum Laude – GPA of 3.8+ or higher

WHS End of Year Academic Recognition

At the end of each school year, academic award certificates are given to freshman, sophomores, and juniors who have maintained a GPA of 3.8 or higher, up to the third quarter. Seniors who maintain a 3.8+ or higher cumulative GPA for seven and a half semesters receive Academic Honors at commencement.

* The graduating senior with the highest cumulative GPA at the end of the third quarter is declared the class Commencement Valedictorian, and the student with the second highest cumulative GPA is the class Commencement Salutatorian. In case of ties for Commencement Valedictorian, positions will be shared. In case of ties for the Salutatorian, quarter grades will be looked at.

All seniors who receive a 4.0 GPA at the end of the eighth semester and have earned at least one of the following: Academic Honors, CTE Honors, STEM Honors, receive the distinction of Valedictorian and are ranked 1 among the members of the class.

*School Community Based Management (SCBM) decision April, 1994

National Honor Society Selection Process

Selection for membership into the WHS National Honor Society is by a faculty advisory group and is based on outstanding *scholarship, character, leadership, citizenship,* and *service.* Students who, at the end of their sophomore or junior year, received a cumulative GPA of 3.60 and above and have been in attendance at the school for the equivalent of one semester immediately prior to the end of the school year may be considered.

Schedule Change Policy

Any requests for schedule changes must be completed on or before schedule pick-up and prior to the first day of school. A change request is only accepted if the school has made an error or a student has been assigned the wrong level course. Most courses are year-long and students must select all of their courses prior to the start of the school year. Students may not change courses mid-year. Students are not allowed to have gaps in their schedules. They must continue to attend the courses in their schedule until an official schedule change has been made and they have received their new schedule. Students who do not receive an official schedule change before changing classes risk invalidation of an approved change.

Course Withdrawal Policy

For Semester-Long Classes: Students can request to drop a class up until the 7th week of classes. The request may or may not be honored. Drops granted in the first 2 weeks of school will not appear on the permanent record (AP Courses have a different constraints - see pages 106-107). Up until the 7th week, the transcript will reflect a "W" with no credit for the dropped class. A student who drops a class after the 7th week of the semester shall receive an "F" grade on the transcript.

For Year-Long Classes: Students can request to drop a class up until the first week of the second quarter. The request may or may not be honored. Drops granted in the first 2 weeks of school will not appear on the permanent record (AP Courses have a different constraints - see pages 106-107). Up until the 1st week of the 2nd quarter, the transcripts will reflect a "W" with no credit for the dropped class. A student who drops after the 1st week of the 2nd quarter shall receive an "F" grade on the transcript.

COUNSELING AND CAREER PROGRAMS

The staff of the Counseling Department provides a comprehensive program of academic, personal/social, college and career counseling for all students. Through a variety of methods, counselors share information on high school academic planning and registration procedures, testing and assessment opportunities, post-high school options and financial aid. The Guidance Resource Activity Center (GRAC) houses information on post-secondary education and financial aid. Students seeking opportunities in the military and other post-high school options are assisted individually. Visits and/or virtual presentations by college representatives and scholarship information are posted on the counseling website (**https://waiakeahighcounselors.weebly.com/**) and in the daily bulletin which can be accessed through the WHS web site (**http://waiakeahigh.k12.hi.us**).

Accelerated Learning Opportunities

Advanced Placement - Waiākea High School is committed to providing an environment in which all students have equal access to all classes, including Advanced Placement (AP) classes. AP courses are college level courses based on the College Board course description guidelines. These classes provide students with an emphasis on critical thinking skills, college preparatory experiences and opportunities to earn college credit if they earn a qualifying score on the AP exams. Students who enroll in AP courses are expected to take the course for its duration, and are required to take the appropriate AP exam(s) with a good-faith effort in May to receive the weighted grade. Waiākea High School requires that all students and their parent/guardian(s) sign a contract to acknowledge that the student is making an informed decision regarding enrollment in AP classes. Waiākea High School offers the courses necessary to earn the College Board AP Capstone Diploma as well as the AP Seminar and Research Certificate. ***See pages 106-107 for the AP Contract and the AP Drop Policy*.**

Early College is a dual-credit program that brings Hawai'i Community College (HawCC) professors into Waiākea High School to teach college-level coursework and enables students to earn dual credit to satisfy requirements at both. Qualified students are able to take these courses free-of-charge. Sophomores enroll in a series of pre-selected courses and are provided a range of supports. Students who enter their junior or senior* year may enroll in any Early College (EC) course for which they meet the prerequisites. EC students have the opportunity to earn **up to twenty-seven** 100-level and higher EC credits at HawCC. Interested freshmen can begin applying in the spring semester of their freshman year for summer and fall courses. Sophomores, juniors, and seniors may apply at any time. Students should consult with their counselor and the EC Coordinator. All students must meet admission criteria and submit the appropriate WHS and HawCC registration and consent forms as provided by the EC Coordinator. For more information about EC, see: https://whsearlycollege.weebly.com.

Running Start at Hawai'i Community College (HawCC) and University of Hawai'i-Hilo (UHH) is an optional program that provides academic opportunities for qualified high school juniors and seniors*. Students are able to enroll in HawCC and UHH classes and earn both college and high school credits. Interested students must take the appropriate placement tests in reading, writing, and/or math and meet the pre-requisite levels for the course. The UH System Application Form and Dual Credit Form must be completed. **College tuition/fees apply**. Interested students can begin applying in the spring semester of their sophomore year of high school and should consult with their counselor regarding course selection. Students and parents must also read and sign the Waiākea High School Running Start Criteria form. For more information see a counselor and / or go to one of these websites **https://waiakeahighcounselors.weebly.com/accelerated-learning.html** or **https://www.hawaii.edu/dualcredit/**.

* Seniors may not take courses required for graduation during the Spring term of their senior year.

Credit Recovery

PLATO is an on-line curriculum that is interactive and engaging. Course work may be done either on- or off-campus (internet accessible location), however, all exams need to be taken on-campus. Progress grades are factored into Athletic Eligibility grade checks. Processing Fee/Supervision Fee: $100.00/credit or $50.00/0.5 credit. See a school counselor for more information.

CREDIT POLICY

In order for Waiākea High School (WHS) students to earn credits for classes not taken at WHS, they must adhere to the following.

High School Credit Courses

1. High school credit course taken at a Hawai'i DOE School or approved DOE Program
    a. Examples:
        - E-School
        - Hawai'i DOE Summer School
    b. Discuss with WHS Counselor
    c. Register for courses with WHS Counselor consent
    d. Hawai'i DOE School or approved DOE Program will input credits earned directly to the transcript or will send official grade reports to the registrar directly.

2. High school credit course taken at a Non-Hawai'i DOE School
    a. Examples
        - St. Joseph High School Summer School
        - Kamehameha Schools Summer School
        - Online Schools (accredited)
    b. Prior to registering for the course
        - Discuss with WHS Counselor
        - Complete a **Credit Request Form**
            - Present the course description and/or syllabus to Registrar
            - Provide reason for taking the course (Especially for courses offered at WHS)
            - Registrar will submit the request to the Principal and notify student/parent of the decision

    ***Note - If approval is not received, credit may not be awarded at the completion of the course.*
    c. If the Principal approves the request
        - Register for the course
        - Submit course schedule or confirmation of registration to the Counselor and Registrar before the first day of instruction
        - Present an Official Transcript or Official Report Card within 2 weeks of the culmination of the course to the Registrar
        - Registrar will post course and credit(s) to the transcript
    d. If the Principal does not approve the request
        - Students can still register for the course, but no high school credit will be earned

College/University Credit Courses (Dual Credits)

Dual credits may be earned by high school students who are enrolled in college classes. Both credit(s) toward high school graduation and a college degree can be earned by taking and passing the college class(es).

1. Running Start and/or Early College (https://www.hawaii.edu/dualcredit/)
    a. Hawai'i DOE students who enroll in college courses through the following process:
        - Grade level requirement
            - Running Start - 11th or 12th grade
            - Early College - promoted to grade 10 or higher

CREDIT POLICY (CONTINUED)

- Application
  - Early College Only - Submit a WHS Early College Application and WHS Early College Student and Parent Consent form (from Counselor or Early College Coordinator)
  - Apply to the Dual Credit Application (online)
  - Submit and print the completed form
    - Acquire required signatures (parent, student, WHS Counselor, WHS Principal)
    - Submit signed form to the appropriate UH System School Office
  - Complete the UH System Application form
  - Submit application to the appropriate UH System School Office
  - Watch for a notification letter in the mail
- Register for the approved college class(es) during the UH System School registration window
- Running Start Only - Submit a copy of UH System School schedule to the WHS Counselor and Registrar before the first day of instruction
- UH System School course(s) will appear on your WHS Course Schedule as a Running Start/Early College course. ***Dual Credits must be entered into student schedules for credit to be earned.**
- Report Grades within 2 weeks of course completion
  - Early College - Hawai'i Community College will send grade reports directly to the Registrar upon course completion.
  - Running Start - Submit a copy of the STAR report, Report Card, or Transcript to the Registrar.

2. Other College Courses
   a. Examples
      - University or College courses taken through Non-Hawai'i DOE Schools (Kamehameha Schools, Liliuokalani Trust, Catholic Charities, Alu Like, etc.)
      - Any College or University course taken independently

   b. Prior to registering for the course
      - Discuss with Counselor
      - Complete a **Credit Request Form**
        - Present the course description and/or syllabus to Registrar
        - Provide reason for taking the course
        - Registrar will submit the request to the Principal and notify student/parent of the decision

      ***Note - If approval is not received, credit may not be awarded at the completion of the course.*

   c. If the Principal approves the request
      - Register for the course
      - Submit course schedule or confirmation of registration to the Counselor and Registrar before the first day of instruction
      - Course(s) will appear on your WHS Course Schedule as an approved course. ***Dual Credits must be entered into student schedules for credit to be earned.**
      - Present an Official Transcript or Official Report Card within 2 weeks of the culmination of the course to the Registrar
      - Registrar will post course and credit(s) to the transcript

   d. If the Principal does not approve the request
      - Students can still register for the course, but no high school credit will be earned.

Failure to comply with these procedures will result in no high school credit being earned.

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INITIAL ELIGIBILITY – NCAA

Athletic Eligibility at NCAA Division I and II Colleges and Universities

Qualifying for NCAA allows you to receive financial aid including athletic aid to practice and to compete at the college level. For a student/athlete to be classified a "qualifier" in their freshman year at any NCAA Division I or II school, he/she must satisfy the following requirements:

1. Graduate from high school.
2. Have a GPA of 2.3 or higher in 16 core courses (see table below)
3. Meet Core GPA with matching SAT or ACT on the sliding scale.
   Division II candidates must have 820 SAT (reading and math only) or 68 ACT (English, math, reading, and science)

DIVISION I **16 Core-Course Rule**	**DIVISION II** **14 Core-Course Rule**	**DIVISION I**
16 Core Courses:	**14 Core Courses:**	**10 Core-Courses Rule**
4 years of English	**3 years of English**	• **To be completed prior to the 7th semester**
3 years of mathematics (Algebra 1 or higher)	**2 years of mathematics (Algebra 1 or higher)**	• **7 of the 10 core courses must be a combination of English, math, or natural or physical science that meets the distribution requirements outlined in the box to the far left**
2 years of natural/physical science (1 year of lab if offered by high school)	**2 years of natural/physical science (1 year of lab if offered by high school)**	• **The 10 courses become "locked in" at the 7th semester and cannot be taken for grade improvement**
1 year of additional English, mathematics or natural/physical science	**2 years (3 years) of additional English, mathematics or natural/physical science**	
2 years of social science	**2 years of social science**	
4 years of additional courses (from any area above, or world language)	**3 years (4 years) of additional courses (from any area above, or world language)**	

Additional Points of Interest:

Meeting the above requirements **does not** mean that you will be allowed to play at your school of choice. You must **also** meet the school's admission requirements, which in most cases, exceeds the NCAA requirements for participation.

The NCAA has also established a category of "partial qualifier" and waivers are available under specified circumstances for "non-qualifiers". These are initiated through the college or university after the student has been accepted to the institution.

Visit the following website for more information regarding prospective student athletes.
https://web3.ncaa.org/ecwr3/

NCAA Approved Core Courses for Initial Eligibility

If you are a student athlete and may be attending and playing for an NCAA Division I or II school, please discuss your plans with your counselor, the Athletic Director and Head Coach.

English
American Literature
AP English Lang / Comp
AP English Lit / Comp
Argument and Debate
British Literature
Creative Writing
Expository Reading & Writing
Expository Writing 1
Expository Writing 2
English Language Arts 1
English Language Arts 2
English Language Arts 3
English Language Arts 4
Group Comm & Leadership

Mathematics
Algebra 1
Algebra 2
Algebra 3
Analytic Geometry
AP Calculus
AP Statistics
Geometry
Geometry Concepts
Pre-Calculus
Probability
Statistics
Trigonometry

Natural / Physical Science
AP Biology
AP Chemistry
AP Environmental Science
Biology
Chemistry
Earth System Science
Environmental Science
Human Physiology
Marine Science
Physical Science
Physics

Social Studies
American Problems
AP US Govt & Politics
AP US History
AP World History
Asian Studies
European Studies
Directed Studies - Soc St
Economics
Geography
Global Studies
Hawaiian Studies
Humanities
Modern History of Hawai'i
Pacific Island Cultures
Participation in Democracy
Political Science
Psychology
Sociology
US History & Government
World History & Government

Additional Core Courses
French 1
French 2
French 3
French 4
Hawaiian 1
Hawaiian 2
Hawaiian 3
Hawaiian 4
Japanese 1
Japanese 2
Japanese 3
Japanese 4
Latin 1
Latin 2
Latin 3
Latin 4
Spanish 1
Spanish 2
Spanish 3
Spanish 4

Courses that are NCAA Approved are noted with NCAA

ACADEMIES

Waiākea High School is a college and career academy school. All ninth graders belong to the Freshman Academy where they explore their talents, aspirations and interests. (You can find more information about the Freshman Academy on pages 17 - 18.) Based on these explorations, students select a career which they are most interested in pursuing. They then identify the Academy Pathway most closely associated to their career interest and enroll in the corresponding career-themed academy beginning in their tenth grade year. These academies are:

- Academy of Industry and Technology (formerly BEST Academy)
- Arts and Communications Academy (formerly STAR Academy)
- Health Services Academy
- Public Services Academy

As students mature and experience new things, their career interests may solidify or change. If these interests solidify, students will continue taking courses recommended by their Academy Pathway. If students change their career interests, they can change Academy Pathway and Academy accordingly. Advisory teachers and Academy Counselors are available to help and counsel students with these decisions.

All four of Waiākea's career academies have gone through a rigorous review process by the National Career Academy Coalition (NCAC). This review is based on national standards of practice and all of Waiakea's career academies have been nationally certified or granted model status. The Freshman Academy is scheduled to be reviewed in the spring of 2022.

The following pages contain more information about our career-themed academies.

Pages 19 - 28 Academy of Industry and Technology
Pages 29 - 36 Arts and Communications Academy
Pages 37 - 42 Health Services Academy
Pages 43 - 50 Public Services Academy

Each section contains:

1. The Vision and Mission for each Academy
    - The Vision statement describes what the Academy aspires to become.
    - The Mission statement describes what the Academy does and how it is working to achieve their Vision.

2. Careers associated with each of the academies
    - **Careers listed in Bold are those that are considered H3 (One or more of the following)**
        - **High Demand (job outlook is favorable)**
        - **High Wage (at or above the cost of living)**
        - **High Skill (requiring post high school education/training)**
    - *Careers listed in italics are those for which Waiākea High School offers an Academy Pathway (see examples below)*
        - *Marketing (WHS offers the Business Pathway as a part of the Academy of Industry and Technology)*
        - *Chef (WHS offers the Entrepreneurship Pathway as a part of the Arts and Communications Academy)*
        - *Nursing (WHS offers the Nursing and Medicine Pathway as a part of the Health Services Academy)*
        - *Teaching (WHS offers the Education and Human Services Pathway as a part of the Publics Services Academy)*
    - ***Careers in both Bold and italics are those that are H3 and have pathway courses offered at WHS.***

3. Career Academy Recommended Course Sequence for each Pathway
    - These are the courses we recommend students take each year at Waiākea High School based upon a student's current career interest.
    - Academy Teachers and the Academy Counselor are available to help students with course selection.

MISSION

The Waiākea High School Freshman Academy is a collaborative team focused on creating connections with our school, preparing for the rigor of secondary school and ensuring all students a successful transition into a career academy.

OVERVIEW

The Freshman Academy is composed of teams of teachers (*Holomua* & *Hoʻomau*) who share common expectations, rules, and policies. All core classes are inclusive of all students (including special education, 504, and ELL). The teams meet weekly to discuss student progress and to plan curriculum and academy events. This allows the teachers to keep track of student progress and challenges, and tailor their teaching efforts to meet specific student needs. To meet the academy's mission and goals, Academy teachers work collaboratively to provide standards-based instruction and offer support and strategies to help students develop the skills and gain the knowledge necessary to become successful, responsible, and active participants in their own education. Additionally, the academy teachers focus on the outcomes of *Nā Hopena Aʻo* or *Hā* framework (Belonging, Responsibility, Aloha, Excellence, Total Well-Being, and Hawaiʻi) to help the "whole" freshman thrive academically and personally.

ADVISORY

Freshman Advisory classes meet weekly for twenty minutes. This course provides engaging activities focusing on the following themes: Knowing about Waiākea High, Getting Involved in the WHS Community, Communicating Effectively, Looking Inward, Building Relationships, Producing Quality Work, and Celebrating Success. Advisory marks are given as S (satisfactory) or U (unsatisfactory). Assignment submission/completion can be monitored through Infinite Campus.

TRANSITION TO HIGH SCHOOL COURSE

The course is designed specifically to assist 9th grade students' transition into the high school setting. Students develop study habits, note-taking skills, communication skills, computer literacy, the general learner outcomes, and pride of becoming a proud Waiākea Warrior. By the end of the course, the students will be able to make connections between their interests, WHS career academies, and post-high school plans, and complete their culminating project, "Passion to Purpose."

CLASSROOM NORMS AND EXPECTATIONS

- Follow Waiākea High School rules, especially in regards to health and safety (e.g. social distancing).
- Be seated and ready at the bell. Being tardy is considered an absence.
- Bring materials to class.
- Respect people, their property, and the school's property (e.g. computers).
- Listen attentively and follow directions.
- Be dismissed by the teacher, not by the school bell. Do not leave the class during class time without a pass.
- Limit bathroom visits to only two (2) per class per quarter with the use of a hall pass.
- Use appropriate language and display appropriate behavior at all times.
- Turn in assignments on-time. Be aware of late work penalties and policies. Check your individual teacher's late work policy.
- Check Infinite Campus and your @k12.hi.us email daily.
- Follow Waiakea High School's attendance and Attendance is Mandatory (AIM) policies.
- Follow virtual/Google Classroom session protocols.

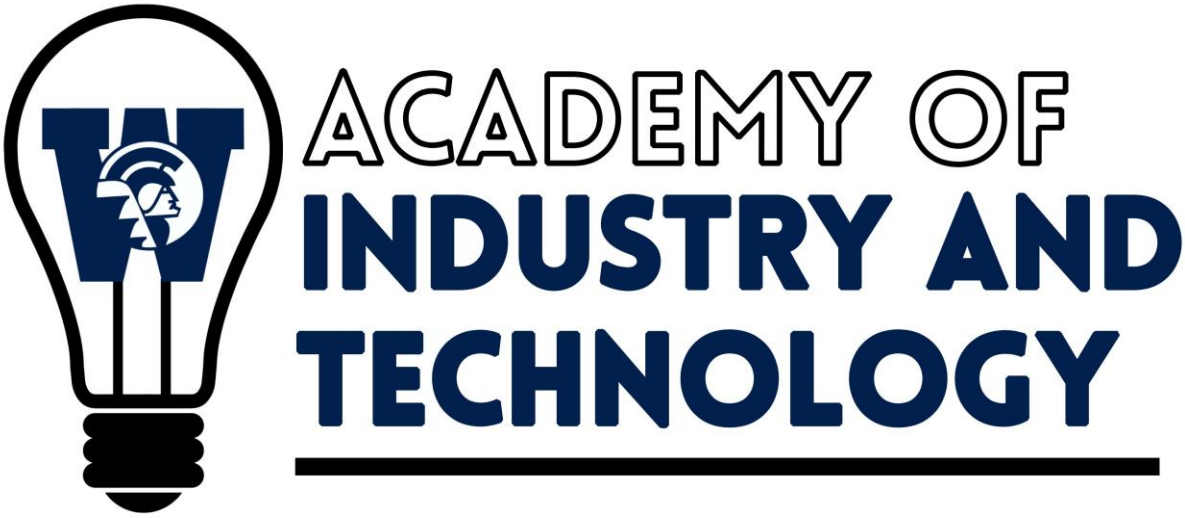
These expectations should be followed or interventions will take place.

SUPPORTS & RESOURCES

- Guidance Resource Activity Center (GRAC) - Waiakea High School Counseling Center is located on the top floor of A-Building. Freshman may walk in or make an appointment to see their counselor, Mr. Adrel Vicente (A-205).
- Resource Rooms - Freshmen are encouraged to take advantage of free tutoring, computer lab access, supplies, and printing services in rooms Q-103 and Q-104 before, during, and after school hours. For more information, please see the WHS Resource Room website: https://whsresourceroom.weebly.com/
- *Pōki'i* - Freshman Mentoring Program
  Any interested freshmen may participate in the mentoring program to assist them in their transition into high school. Freshmen "mentees" meet regularly with "mentors" on campus to discuss topics of interest and provide peer support. For more information, please contact Mr. Vicente.

CELEBRATING STUDENT SUCCESS

- *Holomua* and *Ho'omau* Awards - Freshman Academy teachers recognize 9th graders who demonstrate perseverance and improvement in their academic and overall progress. Awarded each semester.
- *Ho'okoa* Recognition - Freshmen recognized for outstanding display of character in leadership, citizenship, integrity, reliability, and attitude throughout the year.
- Freshman End-of-Year Celebration - Freshmen who meet a set criteria for student achievement (attendance, grades, and behavior) are invited to participate in an all-day excursion sometime at the end of the school year. Event activities have varied throughout the years. This year's celebration event will be determined based on most current health and safety guidelines.



(Formerly known as BEST Academy)

VISION

The Academy of Industry and Technology will encourage the pursuit and perseverance in the careers of engineering and technology with work-based knowledge and experience and a strong academic foundation to become a contributing member of society.

MISSION

Students in the Academy of Industry and Technology will strive to meet industry standards and gain knowledge and skills necessary for success in the areas of engineering and technology. Students have the opportunity to apply these skills in the Work-Based Learning course; where they also learn job skills and gain work experience in the various pathways offered. Students have the opportunity to join the Technology Learning Center (TLC) or a Career & Technical Student Organization (CTSO), such as Distributive Education Clubs of America (DECA), Skills USA or the Waiākea High Robotics Program which will enrich their experiences through real-world application.

CAREER LISTING

Bold - Careers that are High Demand/High Wage/High Skill (at least one)
Italic - Careers that WHS offers pathway courses for
Bold & Italic - Both High Demand/High Wage/High Skill (at least one) & pathway courses offered at WHS

Business Pathway

- **Administrative Service Manager**
- **Business Operations Specialist**
- *Convention & Event Planner*
- **General & Operations Manager**
- **Human Resource Specialist**
- *Advertising Agent*
- ***Market Research Analyst***
- ***Marketing Specialist***
- *Marketing Manager*
- *Retail Merchandising*
- Administrative Assistant
- Office Manager
- Small Business Owner

Automotive Pathway

- ***Automotive Mechanic***
- ***Automotive Technician***
- **Diesel Mechanic**
- **Heavy Equipment Repair**
- *Auto Body Refinisher/ Restoration*

Construction Pathway

- ***Carpenter***
- Drywall
- **Electrician**
- Finish Carpenter
- General Labor
- Painter

Engineering Pathway

- ***Civil Engineer***
- ***Electrical Engineer***
- *Mechanical Engineer*
- *Structural Engineer*

ACADEMY OF INDUSTRY AND TECHNOLOGY

Other Careers Related to the Academy of Industry & Technology

If you are interested in pursuing a career listed below, please select the recommended pathway.

Automotive Pathway Recommended

- Metal Worker
- Sheet Metal Technician
- Welder
- **Aircraft/Airframe Mechanic**
- Heavy Equipment Operator
- Marine Mechanic
- Motorsports Mechanic
- Powerplant Mechanic
- Small Engine Repair Technician

Business Pathway Recommended

- Accountant
- Bank Teller
- Certified Public Accountant (CPA)
- **Financial Advisor/Manager**
- Financial Analyst
- Loan Officer
- Payroll Specialist
- Actuary
- Real Estate Agent
- Sports Business

Construction Pathway Recommended

- **Architect**
- **Computer-Aided Design (CAD) Technician**
- County Planner
- **Draftsperson**
- Home Inspector
- **Project Manager**
- Cabinet Maker
- **Plumber**
- **Heating, Ventilations & Air Conditioning (HVAC)**
- **Mason**
- **Roofer**

ACADEMY OF INDUSTRY AND TECHNOLOGY

Automotive Pathway

Recommended Course Sequence

(See pages 54 -55 for course descriptions)

SUBJECT	9th Grade	10th Grade	11th Grade	12th Grade
LANGUAGE ARTS *4 cr Required*	**English Language Arts 1***	**English Language Arts 2*** *Acad of Ind & Tech*	**English Language Arts 3*** *Acad of Ind & Tech*	**English Language Arts 4*** *Acad of Ind & Tech*
MATH *3 cr Required / 4 cr recommended*	**Algebra 1***	**Geometry*** *Acad of Ind & Tech*	**Algebra 2*** *Acad of Ind & Tech*	**Recommended Math Electives*: Statistics (0.5) & Algebra 3 (0.5) or Introduction to College Math**
SCIENCE *3 cr Required / 4 cr recommended*	**Physical Science***	**Biology I*** *Acad of Ind & Tech*	**Chemistry*** *Acad of Ind & Tech*	**Recommended Science Elective*: Physics**
SOCIAL STUDIES *4 cr Required*	**US History***	**World History*** *Acad of Ind & Tech*	**Modern History of Hawaii (0.5) & Participation in Democracy* (0.5)** *Acad of Ind & Tech*	**Economics (0.5) & Psychology (0.5)** *Acad of Ind & Tech*
CTE Program of Study Course	**Foundations of Automotive Maintenance & Light Repair (TTF1000)** **Freshman Acad Advisory**	**Automotive Maintenance & Light Repair 1 (TTA2000)** **Acad of Ind & Tech Advisory**	**Automotive Maintenance & Light Repair 2 (TTA3000)** **Acad of Ind & Tech Advisory**	**Automotive Maintenance & Light Repair Work-Based Learning (TTA4100)** **Acad of Ind & Tech Advisory**
Recommended Academy Pathway Electives			**Employment Training (0.5) Group Communication (0.5)**	**Automotive Maintenance & Light Repair 3 (TTA4000)**
Graduation Requirements	Transition to HS (0.5) PE Lifetime Fitness (0.5)	PE Lifetime Activities (0.5) Health Today and Tomorrow (0.5)		Completion of PTP in Advisory (0.5)
Global Elective	2 of the following Fine Arts* World Language* General Elective*	1 of the following Fine Arts* World Language* General Elective*	1 of the following Fine Arts* World Language* General Elective*	2 of the following Fine Arts* World Language* General Elective*

*** Denotes course substitutions available. See pages 51 - 105 for full course offerings.**
Students will earn .5 credit Personal Transition Plan after successfully completing 4 years of Advisory.

Aligned Career and Technical Student Organization(s)
Skills USA
Work-Based Learning Experiences - Accessible to ALL Academy Program of Study Students
Career Day/Fair • Pathway Field Trips • Guest Speakers • Internship • Resume • Post-Secondary Research • Extra or Co-Curricular Activities • Scholarship/Financial Aid Applications • Personal Statement • Personal Data Sheet • Senior Project/Showcase
Available Advanced Placement / Early College Courses – Accessible to ALL Students
Advanced Placement English Language • English Literature • World History • US Government • Calculus • Biology • Chemistry • Environmental Science • Seminar • Research **Early College** IS 101 - Building Bridges • HWST 100 - Piko Hawaii • ENG 100 - Composition • SP 151 - Personal and Public Speech • SP 260 - Media and Society • PSY 100 - Survey of Psychology • SOC 100 - Survey of General Sociology • HIST 151- World History to 1500 • HIST 152 - World History Since 1500 • MATH 100 - Survey of Mathematics • MATH 103 - Intro to College Algebra
CTE Program of Study Industry Identified and Valued Certification(s)
CareerSafe: Interview Training • CareerSafe: Workplace Training • OSHA 10
UH Credentialed Programs Vertically Aligned with Academy Pathway
Associate's Degree
Hawai'i Community College (Hilo) — Auto Body Repair & Painting, AAS, CA
Hawai'i Community College (West Hawaii) — NA
Honolulu Community College — Auto Body Repair & Painting, CA • Automotive Technology, AAS, CA • Diesel Mechanics Technology, AAS, CA • Welding Technology, AAS, CA • Sheet Metal & Plastics Technology, AAS, CA
Kauai Community College — Automotive Technology, AAS, CA
Leeward Community College — Automotive Technology, AAS, CA, CC
Maui Community College — Automotive Technology, AAS, CA, CO
Windward Community College — NA
Bachelor's Degree
University of Hawai'i at Hilo — NA
University of Hawai'i at Manoa — NA
University of Hawai'i West O'ahu — NA
University of Hawai'i Maui College — NA
Hawai'i Pacific University — NA
Chaminade University — NA
Brigham Young University — NA

ACADEMY OF INDUSTRY AND TECHNOLOGY

Business Pathway

Recommended Course Sequence

(See page 56 for course descriptions)

SUBJECT	9th Grade	10th Grade	11th Grade	12th Grade
LANGUAGE ARTS *4 cr Required*	**English Language Arts 1***	**English Language Arts 2*** *Acad of Ind & Tech*	**English Language Arts 3*** *Acad of Ind & Tech*	**English Language Arts 4*** *Acad of Ind & Tech*
MATH *3 cr Required / 4 cr recommended*	**Algebra 1***	**Geometry*** *Acad of Ind & Tech*	**Algebra 2*** *Acad of Ind & Tech*	**Recommended Math Electives*: Statistics (0.5) & Algebra 3 (0.5) or Introduction to College Math**
SCIENCE *3 cr Required / 4 cr recommended*	**Physical Science***	**Biology I*** *Acad of Ind & Tech*	**Chemistry*** *Acad of Ind & Tech*	**Recommended Science Elective*: Physics**
SOCIAL STUDIES *4 cr Required*	**US History***	**World History*** *Acad of Ind & Tech*	**Modern History of Hawaii (0.5) & Participation in Democracy* (0.5)** *Acad of Ind & Tech*	**Economics (0.5) & Psychology (0.5)** *Acad of Ind & Tech*
CTE Program of Study Course	**Foundations of Business & Marketing (TBB10001)** **Freshman Acad Advisory**	**Business Communications (TBO2000)** **Acad of Ind & Tech Advisory**	**Business Strategies & Planning (TBS3000)** **Acad of Ind & Tech Advisory**	**Business Management Work-Based Learning (TBI41001 or TBI41002)** **Acad of Ind & Tech Advisory**
Recommended Academy Pathway Electives			**Employment Training (0.5) Group Communication (0.5)**	
Graduation Requirements	Transition to HS (0.5) PE Lifetime Fitness (0.5)	PE Lifetime Activities (0.5) Health Today and Tomorrow (0.5)		Completion of PTP in Advisory (0.5)
Global Elective	1 of the following Fine Arts* World Language* General Elective*	1 of the following Fine Arts* World Language* General Elective*	1 of the following Fine Arts* World Language* General Elective*	2 of the following Fine Arts* World Language* General Elective*

*** Denotes course substitutions available.** **See pages 51 - 105 for full course offerings.**
+ With aspects of Finance & Economics and Advertising & Public Relations included
† With aspects of Accounting 1 and Digital Marketing & Market Analysis included
Students will earn .5 credit Personal Transition Plan after successfully completing 4 years of Advisory.

Aligned Career and Technical Student Organization(s)	
Distributive Education Clubs of America (DECA)	
Work-Based Learning Experiences - Accessible to ALL Academy Program of Study Students	
Career Day/Fair • Pathway Field Trips • Guest Speakers • Internship • Resume • Post-Secondary Research • Extra or Co-Curricular Activities • Scholarship/Financial Aid Applications • Personal Statement • Personal Data Sheet • Senior Project/Showcase	
Available Advanced Placement / Early College Courses – Accessible to ALL Students	
Advanced Placement English Language • English Literature • World History • US Government • Calculus • Biology • Chemistry • Environmental Science • Seminar • Research **Early College** IS 101 - Building Bridges • HWST 100 - Piko Hawaii • ENG 100 - Composition • SP 151 - Personal and Public Speech • SP 260 - Media and Society • PSY 100 - Survey of Psychology • SOC 100 - Survey of General Sociology • HIST 151- World History to 1500 • HIST 152 - World History Since 1500 • MATH 100 - Survey of Mathematics • MATH 103 - Intro to College Algebra	
CTE Program of Study Industry Identified and Valued Certification(s)	
CareerSafe: Interview Training • CareerSafe: Workplace Training • G Suite Certification for Students	
UH Credentialed Programs Vertically Aligned with Academy Pathway	
Associate's Degree	
Hawai'i Community College (Hilo)	Accounting, AAS • Business Technology, AAS • Marketing, AAS
Hawai'i Community College (West Hawaii)	Accounting, AAS • Business Technology, AAS • Marketing, AAS
Honolulu Community College	Liberal Arts, AA
Kauai Community College	Accounting, AAS • Business, AAS
Leeward Community College	Accounting, AS • Business, AS • Business Technology, AS • Management, AS
Maui Community College	Accounting, AAS • Business Administration, AAS • Business Technology, AAS
Windward Community College	NA
Bachelor's Degree	
University of Hawai'i at Hilo	Accounting, BBA • Business Administration, BBA
University of Hawai'i at Manoa	Accounting, BBA, MAcc • Finance, BBA, MS • Human Resource Management, BBA, MHRM • International Business, BBA • Management, BBA • Management Information Systems, BBA • Marketing, BBA
University of Hawai'i West O'ahu	Business Administration, BA • Public Administration, BA
University of Hawai'i Maui College	Applied Business & Information Technology, BAS
Hawai'i Pacific University	Accounting, BSBA • Finance and Economics, BSBA • General Business BSBA • International Business, BSBA • Management, BSBA • Management Information System, BSBA • Management, BSBA • Management Information Systems, BSBA • Marketing, BSBA
Chaminade University	Accounting, BS • Business Administration, BA, MBA • Management, BA
Brigham Young University	Accounting, BS • Business Management, BS • Information Systems, BS

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Construction Pathway

Recommended Course Sequence

(See pages 57 - 58 for course descriptions)

SUBJECT	9th Grade	10th Grade	11th Grade	12th Grade
LANGUAGE ARTS *4 cr Required*	**English Language Arts 1***	**English Language Arts 2*** *Acad of Ind & Tech*	**English Language Arts 3*** *Acad of Ind & Tech*	**English Language Arts 4*** *Acad of Ind & Tech*
MATH *3 cr Required / 4 cr recommended*	**Algebra 1***	**Geometry in Construction*** *Acad of Ind & Tech*	**Algebra 2*** *Acad of Ind & Tech*	**Recommended Math Electives*: Statistics (0.5) & Algebra 3 (0.5) or Introduction to College Math**
SCIENCE *3 cr Required / 4 cr recommended*	**Physical Science***	**Biology I*** *Acad of Ind & Tech*	**Chemistry*** *Acad of Ind & Tech*	**Recommended Science Elective*: Physics**
SOCIAL STUDIES *4 cr Required*	**US History***	**World History*** *Acad of Ind & Tech*	**Modern History of Hawaii (0.5) & Participation in Democracy* (0.5)** *Acad of Ind & Tech*	**Economics (0.5) & Psychology (0.5)** *Acad of Ind & Tech*
CTE Program of Study Course	**Freshman Acad Advisory**	**Foundations of Construction (TCF1000)** **Acad of Ind & Tech Advisory**	**Residential & Commercial Construction 1 (TCR1000)** **Acad of Ind & Tech Advisory**	**Residential & Commercial Construction Work-Based Learning (TCR4100)** **Acad of Ind & Tech Advisory**
Recommended Academy Pathway Electives			**Employment Training (0.5) Group Communication (0.5) and/or Foundations of Manufacturing - CAD (TAM1000)**	**Residential & Commercial Construction 2 (TCR3000) Or Automation & Robotics 1 - CAD (TAR2000)**
Graduation Requirements	Transition to HS (0.5) PE Lifetime Fitness (0.5)	PE Lifetime Activities (0.5) Health Today and Tomorrow (0.5)		Completion of PTP in Advisory (0.5)
Global Elective	2 of the following Fine Arts* World Language* General Elective*	1 of the following Fine Arts* World Language* General Elective*	0 or 1 of the following Fine Arts* World Language* General Elective*	1 or 2 of the following Fine Arts* World Language* General Elective*

*** Denotes course substitutions available. See pages 51 - 105 for full course offerings.**
Students will earn .5 credit Personal Transition Plan after successfully completing 4 years of Advisory.

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Aligned Career and Technical Student Organization(s)
Skills USA
Work-Based Learning Experiences - Accessible to ALL Academy Program of Study Students
Career Day/Fair • Pathway Field Trips • Guest Speakers • Internship • Resume • Post-Secondary Research • Extra or Co-Curricular Activities • Scholarship/Financial Aid Applications • Personal Statement • Personal Data Sheet • Senior Project/Showcase
Available Advanced Placement / Early College Courses – Accessible to ALL Students
Advanced Placement English Language • English Literature • World History • US Government • Calculus • Biology • Chemistry • Environmental Science • Seminar • Research **Early College** IS 101 - Building Bridges • HWST 100 - Piko Hawaii • ENG 100 - Composition • SP 151 - Personal and Public Speech • SP 260 - Media and Society • PSY 100 - Survey of Psychology • SOC 100 - Survey of General Sociology • HIST 151- World History to 1500 • HIST 152 - World History Since 1500 • MATH 100 - Survey of Mathematics • MATH 103 - Intro to College Algebra
CTE Program of Study Industry Identified and Valued Certification(s)
CareerSafe: Interview Training • CareerSafe: Workplace Training • OSHA 10
UH Credentialed Programs Vertically Aligned with Academy Pathway
Associate's Degree **Hawai'i Community College (Hilo)** Carpentry, AAS **Hawai'i Community College (West Hawaii)** Carpentry, AAS **Honolulu Community College** Carpentry Technology, AAS **Kauai Community College** Carpentry Technology, AAS **Leeward Community College** NA **Maui Community College** Construction Technology, AAS **Windward Community College** NA **Bachelor's Degree** **University of Hawai'i at Hilo** NA **University of Hawai'i at Manoa** NA **University of Hawai'i West O'ahu** NA **University of Hawai'i Maui College** NA **Hawai'i Pacific University** NA **Chaminade University** NA **Brigham Young University** NA

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ACADEMY OF INDUSTRY AND TECHNOLOGY

Engineering Pathway

Recommended Course Sequence

(See pages 59 - 60 for course descriptions)

SUBJECT	9th Grade	10th Grade	11th Grade	12th Grade
LANGUAGE ARTS *4 cr Required*	**English Language Arts 1***	**English Language Arts 2*** *Acad of Ind & Tech*	**English Language Arts 3*** *Acad of Ind & Tech*	**English Language Arts 4*** *Acad of Ind & Tech*
MATH *3 cr Required / 4 cr recommended*	**Algebra 1***	**Geometry*** *Acad of Ind & Tech*	**Algebra 2*** *Acad of Ind & Tech*	**Recommended Math Electives*: Statistics (0.5) & Algebra 3 (0.5) or Introduction to College Math**
SCIENCE *3 cr Required / 4 cr recommended*	**Physical Science***	**Biology I*** *Acad of Ind & Tech*	**Chemistry*** *Acad of Ind & Tech*	**Recommended Science Elective*: Physics**
SOCIAL STUDIES *4 cr Required*	**US History***	**World History*** *Acad of Ind & Tech*	**Modern History of Hawaii (0.5) & Participation in Democracy* (0.5)** *Acad of Ind & Tech*	**Economics (0.5) & Psychology (0.5)** *Acad of Ind & Tech*
CTE Program of Study Course	**Freshman Acad Advisory**	**Foundations of Engineering Technology+ (TAE1000)** **Acad of Ind & Tech Advisory**	**Engineering Technology 2† (TAE3000)** **Acad of Ind & Tech Advisory**	**Engineering Technology Work-Based Learning (TAE4100)** **Acad of Ind & Tech Advisory**
Recommended Academy Pathway Electives			**Employment Training (0.5) Group Communication (0.5) and/or Foundations of Manufacturing - CAD (TAM1000)**	**Automation & Robotics 1 - CAD (TAR2000)**
Graduation Requirements	Transition to HS (0.5) PE Lifetime Fitness (0.5)	PE Lifetime Activities (0.5) Health Today and Tomorrow (0.5)		Completion of PTP in Advisory (0.5)
Global Elective	2 of the following Fine Arts* World Language* General Elective*	1 of the following Fine Arts* World Language* General Elective*	1 of the following Fine Arts* World Language* General Elective*	2 of the following Fine Arts* World Language* General Elective*

*** Denotes course substitutions available. See pages 51 - 105 for full course offerings.**
+ Combined with Engineering Tech 1
† Combined with Programming
Students will earn .5 credit Personal Transition Plan after successfully completing 4 years of Advisory.

Aligned Career and Technical Student Organization(s)
Distributive Education Clubs of America (DECA)
Work-Based Learning Experiences - Accessible to ALL Academy Program of Study Students
Career Day/Fair • Pathway Field Trips • Guest Speakers • Internship • Resume • Post-Secondary Research • Extra or Co-Curricular Activities • Scholarship/Financial Aid Applications • Personal Statement • Personal Data Sheet • Senior Project/Showcase
Available Advanced Placement / Early College Courses – Accessible to ALL Students
Advanced Placement English Language • English Literature • World History • US Government • Calculus • Biology • Chemistry • Environmental Science • Seminar • Research **Early College** IS 101 - Building Bridges • HWST 100 - Piko Hawaii • ENG 100 - Composition • SP 151 - Personal and Public Speech • SP 260 - Media and Society • PSY 100 - Survey of Psychology • SOC 100 - Survey of General Sociology • HIST 151- World History to 1500 • HIST 152 - World History Since 1500 • MATH 100 - Survey of Mathematics • MATH 103 - Intro to College Algebra
CTE Program of Study Industry Identified and Valued Certification(s)
CareerSafe: Interview Training • CareerSafe: Workplace Training • OSHA 10
UH Credentialed Programs Vertically Aligned with Academy Pathway

Associate's Degree

Hawai'i Community College (Hilo)	Architecture, Engineering & Construction Technologies, AAS
Hawai'i Community College (West Hawaii)	Architecture, Engineering & Construction Technologies, AAS
Honolulu Community College	Architecture, Engineering & Construction Technologies, AS
Kauai Community College	Facilities Engineering, CO
Leeward Community College	Integrated Industrial Technology, AS
Maui Community College	Electronic & Computer Engineering Technology, AS
Windward Community College	NA

Bachelor's Degree

University of Hawai'i at Hilo	NA
University of Hawai'i at Manoa	Architecture, MLA, DArch • Civil Engineering, BS, MS, PhD • Computer Engineering, BS • Construction Engineering, BS • Electrical Engineering, BS, MS, PhD • Engineering Science, BS • Environmental Design, BEnvD • Mechanical Engineering, BS, MS, PhD
University of Hawai'i West O'ahu	NA
University of Hawai'i Maui College	NA
Hawai'i Pacific University	Biotechnology Engineering, BS • Biomedical Engineering, BS • Electrical Engineering, BS
Chaminade University	NA
Brigham Young University	NA

(Formerly known as STAR Academy)

VISION

The Arts and Communications Academy prepares students to pursue college or careers in the fields of art, creative media and programming while encouraging entrepreneurship.

MISSION

The Arts and Communications Academy encompasses the Computer Science & Programming, Creative Media and Entrepreneurship careers in related fields including but not limited to: digital media, communications, music, photography, culinary arts, performing arts, illustration, design, computer science and programming. Taking relevant courses will provide students with experiences and skills to prepare for college and career aspirations.

CAREER LISTING

Bold - Careers that are High Demand/High Wage/High Skill (at least one)
Italic - Careers that WHS offers pathway courses for
Bold & Italic - Both High Demand/High Wage/High Skill (at least one) & pathway courses offered at WHS

Computer Science & Programming

Computer Science
- ***Hardware Engineer***
- IT Systems Manager
- ***Software Engineer***
- IT Architect
- Security Analyst
- Information Researcher
- ***Video Game Developer***
- ***Data Scientist***
- ***Web Designer***

Computer Programming
- ***Software Developer***
- ***Web Developer***
- ***Computer Systems Engineer***
- Database Administrator
- Computer Systems Analyst
- Software Quality Assurance Engineer
- Business Intelligence Analyst
- ***Computer Programmer***
- Network Administrator

Creative Media

Audio/Video/Film/Graphics
- *Audio/Video Systems Technician*
- ***Director/Producer***
- ***Graphic Designer***
- ***Computer Graphics Animator***
- ***Visual Effects Artist***
- Foley Artist
- ***Content Creator***
- **Sound Recording Engineer**

Journalism/Broadcasting
- *Control Room/Broadcast Technician*
- ***Station Manager***
- *Public Relations*
- ***(News) Reporter***

Entrepreneurship

Performing Arts
- ***Actor***
- *Dancer/Choreographer*
- *Cinematographer*
- *Composer*
- *Musician*
- *Production Manager*
- Technical Theatre

Visual Arts
- *Art Instructor*
- *Commercial Artists/Graphic Design*
- *Curators*
- Set Design
- ***Fine Artists (2-D, 3-D)***
- ***Photographers***
- ***Videographers***
- ***Costume Designer***
- Floral Designer
- **Interior Designer**

Fashion Arts and Technology
- Fashion Designer
- **Makeup Artist/ Cosmetologist**

Food Production and Services
- *Caterer*
- ***Executive, Sous, Pastry, Banquet Chef***
- ***Restaurant/ Facilities Manager***
  Food Service Manager

Other Careers Related to Arts & Communications

If you are interested in pursuing a career listed below, you can choose between the Fine Arts Entrepreneurship Pathway, Creative Media Pathway, Hospitality Entrepreneurship Pathway or the Computer Science & Programming Pathway.

Archivist

Hotel/Resort
- **Hotel Management**
- Concierge
- Hotel Services

Recreation and Sports
- Fitness Trainer
- Recreational Activities Director

Speech Communication
- *Oral Interpreter*
- *Translator*

Sustainable Traditions
- Cultural Specialist
- Cultural Director
- Docent
- Eco Tourism

Travel and Tourism
- Flight Attendant
- Travel Promotion
- Travel Events Coordinator

Written Arts
- *Writer (Creative, Script, Editor)*
- Critic
- Journalist
- Advertising Copywriter
- Matting & Framing

Computer Science & Programming Pathway
Recommended Course Sequence

(See pages 61 - 62 for course descriptions)

SUBJECT	9th Grade	10th Grade	11th Grade	12th Grade
LANGUAGE ARTS *4 cr Required*	**English Language Arts 1***	**English Language Arts 2*** *Arts & Comm Acad*	**English Language Arts 3*** *Arts & Comm Acad*	**English Language Arts 4*** *Arts & Comm Acad*
MATH *3 cr Required / 4 cr recommended*	**Algebra 1***	**Geometry*** *Arts & Comm Acad*	**Algebra 2*** *Arts & Comm Acad*	**Recommended Math Electives*:** **Statistics (0.5) & Algebra 3 (0.5)** **or** **Introduction to College Math**
SCIENCE *3 cr Required / 4 cr recommended*	**Physical Science***	**Biology I*** *Arts & Comm Acad*	**Chemistry*** *Arts & Comm Acad*	**Recommended Science Electives*:** **Physics**
SOCIAL STUDIES *4 cr Required*	**US History***	**World History*** *Arts & Comm Acad*	**Modern History of Hawaii (0.5) & Participation in Democracy* (0.5)** *Arts & Comm Acad*	**Humanities (0.5) & Psychology (0.5)** *Arts & Comm Acad*
CTE Program of Study Course	**Foundations of Computer Systems & Technology** **(TIF1000)** **Freshman Acad Advisory**	**Programming 1** **(TIP2000)** **Arts & Comm Acad Advisory**	**Programming 2** **(TIP3000)** **Arts & Comm Acad Advisory**	**Programming Work-Based Learning** **(TIP4100)** **Arts & Comm Acad Advisory**
Global Elective	Transition to HS (0.5) PE Lifetime Fitness (0.5)	PE Lifetime Activities (0.5) Health Today and Tomorrow (0.5)		Completion of PTP in Advisory (0.5)
Global Elective	1 of the following Fine Arts* World Language* General Elective*	1 of the following Fine Arts* World Language* General Elective*	2 of the following Fine Arts* World Language* General Elective*	2 of the following Fine Arts* World Language* General Elective*

*** Denotes course substitutions available. See pages 51 - 105 for full course offerings.**
Students will earn .5 credit Personal Transition Plan after successfully completing 4 years of Advisory.

Work-Based Learning Experiences - Accessible to ALL Academy Program of Study Students
Career Day/Fair • Pathway Field Trips • Guest Speakers • Internship • Resume • Post-Secondary Research • Extra or Co-Curricular Activities • Scholarship/Financial Aid Applications • Personal Statement • Personal Data Sheet • Senior Project/Showcase

Available Advanced Placement / Early College Courses – Accessible to ALL Students
Advanced Placement English Language • English Literature • World History • US Government • Calculus • Biology • Chemistry • Environmental Science • Seminar • Research **Early College** IS 101 - Building Bridges • HWST 100 - Piko Hawaii • ENG 100 - Composition • SP 151 - Personal and Public Speech • SP 260 - Media and Society • PSY 100 - Survey of Psychology • SOC 100 - Survey of General Sociology • HIST 151- World History to 1500 • HIST 152 - World History Since 1500 • MATH 100 - Survey of Mathematics • MATH 103 - Intro to College Algebra

UH Credentialed Programs Vertically Aligned with Academy Pathway

Associate's Degree

Hawai'i Community College (Hilo)	Information Technology, AS
Hawai'i Community College (West HI)	Information Technology, AS
Honolulu Community College	Computing, Security, & Networking Technology, AS
Kapi'olani Community College	Information & Computer Science, AS
Kauai Community College	Information & Computer Science, AS
Leeward Community College	Information & Computer Science, AS
Maui Community College	NA
Windward Community College	Natural Science/Information & Computer Science, AS

Bachelor's Degree

University of Hawai'i at Hilo	Computer Science, BS
University of Hawai'i at Manoa	Computer Engineering, BS • Computer Science, BS, MS, PhD • Information and Computer Sciences, BA
University of Hawai'i West O'ahu	Cybersecurity, BS
University of Hawai'i Maui College	NA
Hawai'i Pacific University	Computer Science/Cybersecurity, BS
Chaminade University	NA
Brigham Young University	Computer Science, BS

Arts & Communications Academy Completer Requirements

Class of 2023 Only

- Arts & Communications Core
- Fine Arts or Academy Electives (at least 2 credits)
- Global PE or Work-Based Learning (Employment Training - Adv Guidance) and Group Communication (Speech)
- World Language (at least 1 credit)
- Arts & Communications Capstone

Class of 2024 and Beyond

- Arts & Communications Academy Foundation Course
- 1 or more additional courses in one of the Arts & Communications Academy Pathways
- Fine arts and/or Recommended Pathway Electives (at least 2 credits)
- World Language (at least 1 credit)
- Arts & Communications Academy Work-Based Learning Course

Creative Media Pathway

Recommended Course Sequence

(See page 63 for course descriptions)

SUBJECT	9th Grade	10th Grade	11th Grade	12th Grade
LANGUAGE ARTS *4 cr Required*	**English Language Arts 1***	**English Language Arts 2*** *Arts & Comm Acad*	**English Language Arts 3*** *Arts & Comm Acad*	**English Language Arts 4*** *Arts & Comm Acad*
MATH *3 cr Required / 4 cr recommended*	**Algebra 1***	**Geometry*** *Arts & Comm Acad*	**Algebra 2*** *Arts & Comm Acad*	**Recommended Math Electives*:** **Statistics (0.5) & Algebra 3 (0.5)** **or** **Introduction to College Math**
SCIENCE *3 cr Required / 4 cr recommended*	**Physical Science***	**Biology I*** *Arts & Comm Acad*	**Chemistry*** *Arts & Comm Acad*	**Recommended Science Electives*:** **Physics**
SOCIAL STUDIES *4 cr Required*	**US History***	**World History*** *Arts & Comm Acad*	**Modern History of Hawaii (0.5) & Participation in Democracy* (0.5)** *Arts & Comm Acad*	**Humanities (0.5) & Psychology (0.5)** *Arts & Comm Acad*
CTE Program of Study Course	**Arts & Communications Core** **(TAC2010)** **Freshman Acad Advisory**	**Digital Media Technology** **(TAU2210)** **Arts & Comm Acad Advisory**	**Broadcast Media** **(TAN2115)** **Arts & Comm Acad Advisory**	**Arts & Communication Capstone** **(TAK2990)** **Arts & Comm Acad Advisory**
Global Elective	Transition to HS (0.5) PE Lifetime Fitness (0.5)	PE Lifetime Activities (0.5) Health Today and Tomorrow (0.5)		Completion of PTP in Advisory (0.5)
Global Elective	1 of the following Fine Arts* World Language* General Elective*	1 of the following Fine Arts* World Language* General Elective*	2 of the following Fine Arts* World Language* General Elective*	2 of the following Fine Arts* World Language* General Elective*

*** Denotes course substitutions available. See pages 51 - 105 for full course offerings.**
Students will earn .5 credit Personal Transition Plan after successfully completing 4 years of Advisory.

Work-Based Learning Experiences - Accessible to ALL Academy Program of Study Students
Career Day/Fair • Pathway Field Trips • Guest Speakers • Internship • Resume • Post-Secondary Research • Extra or Co-Curricular Activities • Scholarship/Financial Aid Applications • Personal Statement • Personal Data Sheet • Senior Project/Showcase

Available Advanced Placement / Early College Courses – Accessible to ALL Students
Advanced Placement
English Language • English Literature • World History • US Government • Calculus • Biology • Chemistry • Environmental Science • Seminar • Research
Early College
IS 101 - Building Bridges • HWST 100 - Piko Hawaii • ENG 100 - Composition • SP 151 - Personal and Public Speech • SP 260 - Media and Society • PSY 100 - Survey of Psychology • SOC 100 - Survey of General Sociology • HIST 151- World History to 1500 • HIST 152 - World History Since 1500 • MATH 100 - Survey of Mathematics • MATH 103 - Intro to College Algebra

UH Credentialed Programs Vertically Aligned with Academy Pathway	
Associate's Degree	
Hawai'i Community College (Hilo)	Creative Media, AS • Digital Media Arts, CO
Hawai'i Community College (West HI)	NA
Honolulu Community College	Communication Arts, AS • Music & Entertainment Learning Experience, AS
Kapi'olani Community College	New Media Arts Program, AS
Kauai Community College	Creative Media, AS
Leeward Community College	Digital Media, AS • Television Production, AS
Maui Community College	Creative Media, AS
Windward Community College	Creative Media, AS
Bachelor's Degree	
University of Hawai'i at Hilo	Digital Media Art, Cert • Digital Visualization and Communication, Cert
University of Hawai'i at Manoa	Communication, BA, MA • Creative Media, BA
University of Hawai'i West O'ahu	Creative Media, BA
University of Hawai'i Maui College	NA
Hawai'i Pacific University	Cinematic Multimedia Arts, BA
Chaminade University	Communication, BA • Mass Media, BA
Brigham Young University	Communication, Media and Culture, BA • Visual Arts/Graphic Design, BA

Arts & Communications Academy Completer Requirements	
Class of 2023 Only	**Class of 2024 and Beyond**
• Arts & Communications Core • Fine Arts or Academy Electives (at least 2 credits) • Global PE or Work-Based Learning (Employment Training - Adv Guidance) and Group Communication (Speech) • World Language (at least 1 credit) • Arts & Communications Capstone	• Arts & Communications Academy Foundation Course • 1 or more additional courses in one of the Arts & Communications Academy Pathways • Fine arts and/or Recommended Pathway Electives (at least 2 credits) • World Language (at least 1 credit) • Arts & Communications Academy Work-Based Learning Course

Entrepreneurship Pathway

Recommended Course Sequence

(See pages 64 - 65 for course descriptions)

SUBJECT	9th Grade	10th Grade	11th Grade	12th Grade
LANGUAGE ARTS *4 cr Required*	**English Language Arts 1***	**English Language Arts 2*** *Arts & Comm Acad*	**English Language Arts 3*** *Arts & Comm Acad*	**English Language Arts 4*** *Arts & Comm Acad*
MATH *3 cr Required / 4 cr recommended*	**Algebra 1***	**Geometry*** *Arts & Comm Acad*	**Algebra 2*** *Arts & Comm Acad*	**Recommended Math Electives*: Statistics (0.5) & Algebra 3 (0.5) or Introduction to College Math**
SCIENCE *3 cr Required / 4 cr recommended*	**Physical Science***	**Biology I*** *Arts & Comm Acad*	**Chemistry*** *Arts & Comm Acad*	**Recommended Science Electives*: Physics**
SOCIAL STUDIES *4 cr Required*	**US History***	**World History*** *Arts & Comm Acad*	**Modern History of Hawaii (0.5) & Participation in Democracy* (0.5)** *Arts & Comm Acad*	**Geography (0.5) & Global Studies (0.5)** *Arts & Comm Acad*
CTE Program of Study Course	**Freshman Acad Advisory**	**Foundations of Business & Marketing** (TBB10004) **Arts & Comm Acad Advisory**	**Entrepreneurship 1** (TBE2000) **Arts & Comm Acad Advisory**	**Entrepreneurship Work-Based Learning** (TBE4100) **Arts & Comm Acad Advisory**
Recommended Pathway Electives	*Careers in Fine Arts - Take electives in the row below.*			
	Level 1 Fine Arts	Level 2 Fine Arts	Level 3 Fine Arts	Directed Studies Fine Arts
	Careers in Culinary/Hospitality/Fashion - Take electives in the row below			
			Found of Culinary Arts or Found of Hosp/Tourism or Found of Fashion/Art Design	Directed Studies CTE
Global Elective	Transition to HS (0.5) PE Lifetime Fitness (0.5)	PE Lifetime Activities (0.5) Health Today and Tomorrow (0.5)		Completion of PTP in Advisory (0.5)
Global Elective	1 or 2 of the following Fine Arts* World Language* General Elective*	1 or 2 of the following Fine Arts* World Language* General Elective*	1 of the following Fine Arts* World Language* General Elective*	1 of the following Fine Arts* World Language* General Elective*

*** Denotes course substitutions available. See pages 51 - 105 for full course offerings.**
Students will earn .5 credit Personal Transition Plan after successfully completing 4 years of Advisory.

Work-Based Learning Experiences - Accessible to ALL Academy Program of Study Students

Career Day/Fair • Pathway Field Trips • Guest Speakers • Internship • Resume • Post-Secondary Research • Extra or Co-Curricular Activities • Scholarship/Financial Aid Applications • Personal Statement • Personal Data Sheet • Senior Project/Showcase

Available Advanced Placement / Early College Courses – Accessible to ALL Students

Advanced Placement

English Language • English Literature • World History • US Government • Calculus • Biology • Chemistry • Environmental Science • Seminar • Research

Early College

IS 101 - Building Bridges • HWST 100 - Piko Hawaii • ENG 100 - Composition • SP 151 - Personal and Public Speech • SP 260 - Media and Society • PSY 100 - Survey of Psychology • SOC 100 - Survey of General Sociology • HIST 151- World History to 1500 • HIST 152 - World History Since 1500 • MATH 100 - Survey of Mathematics • MATH 103 - Intro to College Algebra

UH Credentialed Programs Vertically Aligned with Academy Pathway

Associate's Degree

Hawai'i Community College (Hilo)	Liberal Arts, AA	Culinary Arts, AAS • Hospitality & Tourism, AAS
Hawai'i Community College (West HI)	Liberal Arts, AA	Culinary Arts, AAS • Hospitality & Tourism, AAS
Honolulu Community College	Music & Entertainment Learning Experience, AS	Cosmetology, AAS • Fashion Technology, AAS
Kapi'olani Community College	New Media Arts, AS	Culinary Arts, AS • Hospitality & Tourism, AS
Kauai Community College	NA	Culinary Arts, AAS • Hospitality & Tourism, AAS
Leeward Community College	NA	Culinary Arts, AS
Maui Community College	Visual Arts, ASC	Culinary Arts, AAS • Fashion Technology, AAS • Hospitality & Tourism, AAS
Windward Community College	NA	NA

Bachelor's Degree

UH Hilo	Art, BA • Performing Arts, BA	NA
UH at Manoa	Art, BA, BFA, MFA • Art History, BA, MA • Dance, BA, BFA, MA, MFA • Entrepreneurship, BBA • Music, BA, BEd, BMUS, MA, MMus, PhD	Entrepreneurship, BBA • Fashion Design & Merchandising, BS • Food Science & Human Nutrition, BS, MS • Nutritional Sciences, MS, PhD • Travel Industry Management, BS, MS
UH West O'ahu	NA	NA
UH Maui	NA	NA
Hawai'i Pacific University	Arts and Markets, BA	NA
Chaminade University	NA	NA
Brigham Young University	Art Education, BA • Music, BA • Visual Arts, BFA	Hospitality & Tourism Management, BS

Arts & Communications Academy Completer Requirements

Class of 2023 Only

- Arts & Communications Core
- Fine Arts or Academy Electives (at least 2 credits)
- Global PE or Work-Based Learning (Employment Training - Adv Guidance) and Group Communication (Speech)
- World Language (at least 1 credit)
- Arts & Communications Capstone

Class of 2024 and Beyond

- Arts & Communications Academy Foundation Course
- 1 or more additional courses in one of the Arts & Communications Academy Pathways
- Fine arts and/or Recommended Pathway Electives (at least 2 credits)
- World Language (at least 1 credit)
- Arts & Communications Academy Work-Based Learning Course

VISION

Through a science-based curriculum, the Health Services Academy promotes opportunities for students to develop knowledge and skills necessary to become ethical advocates within their community.

MISSION

Students in the Health Services Academy will develop foundational knowledge in the pursuit of careers in health related fields. Course work and real-world experiences will also provide students with the knowledge and skills necessary to become advocates for a healthy lifestyle.

CAREER LISTING

Bold - Careers that are High Demand/High Wage/High Skill (at least one)
Italic - Careers that WHS offers pathway courses for
Bold & Italic - Both High Demand/High Wage/High Skill (at least one) & pathway courses offered at WHS

Nursing & Medical Pathway

- ***Anesthesiologist***
- ***Certified Medical Assistant***
- ***Certified Nursing Assistant (CNA)***
- ***Dental Hygienist***
- ***Dentist***
- ***Licensed Practical Nurse (LPN)***
- ***Medical Doctor***
- ***Medical Examiner***
- ***Ophthalmologist***
- ***Pathologist***
- ***Physician Assistant***
- ***Radiologist***
- **Radiological Technician**
- ***Registered Nurse (BSN)***

Emergency Medical Services Pathway

- ***Emergency Medical Technician (EMT)***
- ***Firefighter***
- ***Paramedic***

Other Careers Related to Health Services

If you are interested in pursuing a career listed below, you can choose between the Nursing Pathway or the Emergency Medical Services Pathway

Animal Science
- **Veterinarian**
- Veterinary Technician

Audiology
- **Audiologist**

Molecular Biology
- **Biochemist**
- **Biomedical Chemist**
- **Epidemiologist**
- **Geneticist**
- **Microbiologist**
- **Molecular Biologist**
- **Pharmaceutical Scientist**
- Research Assistant
- **Toxicologist**

Pharmacy
- **Pharmacist**
- Pharmacy Support Services
- Pharmacy Technician
- **Research Pharmacist**

Rehabilitation
- Massage Therapist
- **Occupational Therapist**
- **Physical Therapist**
- **Speech Pathologist**

Emergency Medical Technician Pathway
Recommended Course Sequence

(See page 66 for course descriptions)

SUBJECT	9th Grade	10th Grade	11th Grade	12th Grade
LANGUAGE ARTS *4 cr Required*	**English Language Arts 1**	**English Language Arts 2** *Health Services Academy*	**English Language Arts 3*** *Health Services Academy*	**English Language Arts 4*** *Health Services Academy*
MATH *3 cr Required / 4 cr recommended*	**Algebra 1***	**Geometry*** *Health Services Academy*	**Algebra 2*** *Health Services Academy*	**Recommended Math Electives*: Statistics (0.5) & Algebra 3 (0.5) or Introduction to College Math**
SCIENCE *3 cr Required / 4 cr recommended*	**Physical Science***	**Biology I*** *Health Services Academy*	**Chemistry*** *Health Services Academy*	**Recommended Science Elective*: Physics**
SOCIAL STUDIES *4 cr Required*	**US History***	**World History*** *Health Services Academy*	**Modern History of Hawaii (0.5) & Participation in Democracy* (0.5)** *Health Services Academy*	**Sociology (0.5) & Psychology (0.5)** *Health Services Academy*
CTE Program of Study Course	**Freshman Acad Advisory**	**Foundations of Health Services (THF1000)** **Health Services Acad Advisory**	**Advanced Health Services (THA2000)** **Health Services Acad Advisory**	**Emergency Medical Services Work-Based Learning (THM4100)** **Health Services Acad Advisory**
Recommended Academy Pathway Electives			**Health Strategies (0.5) Physical Education (0.5)**	**Emergency Medical Services 1 (THM3000)**
Graduation Requirements	Transition to HS (0.5) PE Lifetime Fitness (0.5)	PE Lifetime Activities (0.5) Health Today and Tomorrow (0.5)		Completion of PTP in Advisory (0.5)
Global Elective	2 of the following Fine Arts* World Language* General Elective*	1 of the following Fine Arts* World Language* General Elective*	1 of the following Fine Arts* World Language* General Elective*	1 of the following Fine Arts* World Language* General Elective*

*** Denotes course substitutions available. See pages 51 - 105 for full course offerings.**
Students will earn .5 credit Personal Transition Plan after successfully completing 4 years of Advisory.

Aligned Career and Technical Student Organization(s)
Health Occupation Students of America (HOSA)
Work-Based Learning Experiences - Accessible to ALL Academy Program of Study Students
Career Day/Fair • Pathway Field Trips • Guest Speakers • Internship • Resume • Post-Secondary Research • Extra or Co-Curricular Activities • Scholarship/Financial Aid Applications • Personal Statement • Personal Data Sheet • Senior Project/Showcase
Available Advanced Placement / Early College Courses – Accessible to ALL Students
Advanced Placement English Language • English Literature • World History • US Government • Calculus • Biology • Chemistry • Environmental Science • Seminar • Research **Early College** IS 101 - Building Bridges • HWST 100 - Piko Hawaii • ENG 100 - Composition • SP 151 - Personal and Public Speech • SP 260 - Media and Society • PSY 100 - Survey of Psychology • SOC 100 - Survey of General Sociology • HIST 151- World History to 1500 • HIST 152 - World History Since 1500 • MATH 100 - Survey of Mathematics • MATH 103 - Intro to College Algebra
CTE Program of Study Industry Identified and Valued Certification(s)
Bloodborne Pathogens • CPR/First Aid • EKG • HIPPA • Medial Assistant
UH Credentialed Programs Vertically Aligned with Academy Pathway
Associate's Degree **Hawai'i Community College (Hilo)** Fire Science, AS **Hawai'i Community College (West Hawaii)** Fire Science, AS **Honolulu Community College** Liberal Arts, AA **Kauai Community College** Liberal Arts, AA **Leeward Community College** Liberal Arts, AA **Maui Community College** Liberal Arts, AA **Windward Community College** NA **Bachelor's Degree** **University of Hawai'i at Hilo** NA **University of Hawai'i at Manoa** NA **University of Hawai'i West O'ahu** NA **University of Hawai'i Maui College** NA **Hawai'i Pacific University** NA **Chaminade University** NA **Brigham Young University** NA

Health Academy Completer Requirements	
• Health Core/Foundations of Health Services • Human Physiology/Advanced Health Services • Clinical Health/Emergency Medical Services 1 • Health Capstone/Emergency Medical Services Work-Based Learning • 40 Community Service Hours (Health related)	• PE/Health Electives (2 semesters): Health Strategies, Body Conditioning, Individual/Dual Sports, Physical Fitness for Life, Recreational Leadership • CPR/First Aid Certification

Nursing & Medical Pathway

Recommended Course Sequence

(See page 67 for course descriptions)

SUBJECT	9th Grade	10th Grade	11th Grade	12th Grade
LANGUAGE ARTS *4 cr Required*	**English Language Arts 1**	**English Language Arts 2** *Health Services Academy*	**English Language Arts 3*** *Health Services Academy*	**English Language Arts 4*** *Health Services Academy*
MATH *3 cr Required / 4 cr recommended*	**Algebra 1***	**Geometry*** *Health Services Academy*	**Algebra 2*** *Health Services Academy*	**Recommended Math Electives*: Statistics (0.5) & Algebra 3 (0.5) or Introduction to College Math**
SCIENCE *3 cr Required / 4 cr recommended*	**Physical Science***	**Biology I*** *Health Services Academy*	**Chemistry*** *Health Services Academy*	**Recommended Science Elective*: Physics**
SOCIAL STUDIES *4 cr Required*	**US History***	**World History*** *Health Services Academy*	**Modern History of Hawaii (0.5) & Participation in Democracy* (0.5)** *Health Services Academy*	**Sociology (0.5) & Psychology (0.5)** *Health Services Academy*
CTE Program of Study Course	**Freshman Acad Advisory**	**Foundations of Health Services (THF1000)** **Health Services Acad Advisory**	**Advanced Health Services (THA2000)** **Health Services Acad Advisory**	**Nursing Services Work-Based Learning (THS4100)** **Health Services Acad Advisory**
Recommended Academy Pathway Electives			**Health Strategies (0.5) Physical Education (0.5)**	**Nursing Services 1 (THS3000)**
Graduation Requirements	Transition to HS (0.5) PE Lifetime Fitness (0.5)	PE Lifetime Activities (0.5) Health Today and Tomorrow (0.5)		Completion of PTP in Advisory (0.5)
Global Elective	2 of the following Fine Arts* World Language* General Elective*	1 of the following Fine Arts* World Language* General Elective*	1 of the following Fine Arts* World Language* General Elective*	1 of the following Fine Arts* World Language* General Elective*

*** Denotes course substitutions available. See pages 51 - 105 for full course offerings.**
Students will earn .5 credit Personal Transition Plan after successfully completing 4 years of Advisory.

Recommended Science Courses	
AP Chemistry	AP Biology

\Aligned Career and Technical Student Organization(s)
Health Occupation Students of America (HOSA)

Work-Based Learning Experiences - Accessible to ALL Academy Program of Study Students
Career Day/Fair • Pathway Field Trips • Guest Speakers • Internship • Resume • Post-Secondary Research • Extra or Co-Curricular Activities • Scholarship/Financial Aid Applications • Personal Statement • Personal Data Sheet • Senior Project/Showcase

Available Advanced Placement / Early College Courses – Accessible to ALL Students
Advanced Placement English Language • English Literature • World History • US Government • Calculus • Biology • Chemistry • Environmental Science • Seminar • Research **Early College** IS 101 - Building Bridges • HWST 100 - Piko Hawaii • ENG 100 - Composition • SP 151 - Personal and Public Speech • SP 260 - Media and Society • PSY 100 - Survey of Psychology • SOC 100 - Survey of General Sociology • HIST 151- World History to 1500 • HIST 152 - World History Since 1500 • MATH 100 - Survey of Mathematics • MATH 103 - Intro to College Algebra

CTE Program of Study Industry Identified and Valued Certification(s)
Bloodborne Pathogens • CPR/First Aid • EKG • HIPPA • Medial Assistant

UH Credentialed Programs Vertically Aligned with Academy Pathway

Associate's Degree

Hawai'i Community College (Hilo)	Nursing, ASN-RN
Hawai'i Community College (West Hawaii)	Nursing, ASN-RN
Honolulu Community College	Liberal Arts, AA
Kauai Community College	Medical Assisting, CA • Nursing (Registered Nurse), AS • Nursing (Practical Nurse), CA
Leeward Community College	Nursing, AS • Biological Sciences, ASNS
Maui Community College	Nursing, AS • Nursing, CA • Dental Hygiene, AS
Windward Community College	Certified Nurse's Aid, CA • Agripharmatech, CA • Veterinary Technology, CA

Bachelor's Degree

University of Hawai'i at Hilo	Doctor of Nursing Practice, DNP • Doctor of Pharmacy, Pharm.D • Kinesiology and Exercise Sciences, BA • Nursing, BS • Pharmacy, BA
University of Hawai'i at Manoa	Dietetics, BS • Food Science and Human Nutrition, BS • Kinesiology and Rehabilitation Science, BS, MS, PhD • Medical Technology, BS • Medicine, MD • Nursing, BS, MS, PhD, DNP
University of Hawai'i West O'ahu	Health Sciences, BSNS
University of Hawai'i Maui College	NA
Hawai'i Pacific University	Nursing, BSN, MSN, DNP
Chaminade University	Nursing, BS
Brigham Young University	Exercise & Sports Science, BS

Health Academy Completer Requirements

- Health Core/Foundations of Health Services
- Human Physiology/Advanced Health Services
- Clinical Health/Emergency Medical Services 1
- Health Capstone/Emergency Medical Services Work-Based Learning
- 40 Community Service Hours (Health related)
- PE/Health Electives (2 semesters): Health Strategies, Body Conditioning, Individual/Dual Sports, Physical Fitness for Life, Recreational Leadership
- CPR/First Aid Certification

VISION

The Public Services Academy nurtures and educates our community of informed learners to work and lead to manage, protect, and serve the public and the environment.

MISSION

The Public Services Academy provides students passionate in human services, education, legal and protective services, environmental sciences, or natural resources with a three year experience of integrated projects and community partnerships. Students will participate in rigorous, career-related curriculum and work experiences in their pathway.

CAREER LISTING

Bold - Careers that are High Demand/High Wage/High Skill (at least one)
Italic - Careers that WHS offers pathway courses for
Bold & Italic - Both High Demand/High Wage/High Skill (at least one) & pathway courses offered at WHS

Education & Human Services Pathway

Education:

Administration
- **Dean**
- **Principal**

Curriculum/ Instruction
- Corporate Trainer
- Curriculum Designer
- Educational Specialist
- **Instructional Coordinator**
- Prison Education
- ***Teacher***

Public Information
- Educational Tourism Director
- **Librarian**
- Museum Educator

Human Services:

Psychology
- Caseworker
- ***Counselor***
  - ***Mental Health***
- **Marriage & Family Therapist**
- ***Psychologist***
- ***Social & Human Services Assistant***
- ***Social Worker***
  - ***Mental Health***
  - ***Substance Abuse***
- *Sociologist*

Legal and Protective Services Pathway

Emergency Services
- Air Traffic Controller
- Disaster Management Team Coordinator
- **Pilot/Co-Pilot/Flight Engineer**

Government/Public Services
- Civil Servant
- Foreign Service Officer
- Politician

Protective Services
- *Airport/Homeland Security*
- *Crime Scene Investigator (CSI)*
- *Federal Agent*
- Merchant Marine
- Park Ranger
- ***Police Officer***
- ***Security***
- ***Transportation Security Screener***

Legal Services
- Bailiff
- *Corrections Officer*
- ***Judge***
- ***Lawyers***
- ***Paralegal and Legal Assistants***
- ***Sheriff***

Armed Forces
- Air Force
- Army
- Coast Guard
- Marines
- National Guard
- Navy

Environmental Systems Pathway

Historic Preservation
- **Anthropologist**
- **Archaeologist**
- Conservationist
- Paleontologist
- Regional Planner

Science Research
- **Astronomer**
- Chemist
- **Environmental Scientist**
- Forest Scientist
- Marine Scientist
- Oceanographer
- Restoration Ecologist
- Zoologist

Other
- Fish and Game Warden
- National Park Ranger

Natural Resources
- Agronomist
- Animal Breeder/ Caretaker
- **Environmental Engineer/ Planner**
- Ethnobotanist
- **Farming Supervisor - diversified (crop/livestock)**
- Horticulturist
- Hydrologist
- Pest/Invasive Management
- Soil Conservationist
- Sustainable Agriculturist

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Education & Human Services Pathway

Recommended Course Sequence

(See pages 68 - 69 for course descriptions)

SUBJECT	9th Grade	10th Grade	11th Grade	12th Grade
LANGUAGE ARTS *4 cr Required*	**English Language Arts 1***	**English Language Arts 2*** *Public Svs Acad*	**English Language Arts 3*** *Public Svs Acad*	**English Language Arts 4*** *Public Svs Acad*
MATH *3 cr Required / 4 cr recommended*	**Algebra 1***	**Geometry*** *Public Svs Acad*	**Algebra 2*** *Public Svs Acad*	**Recommended Math Electives*: Statistics (0.5) & Algebra 3 (0.5) or Introduction to College Math**
SCIENCE *3 cr Required / 4 cr recommended*	**Physical Science***	**Biology I*** *Public Svs Acad*	**Chemistry*** *Public Svs Acad*	**Recommended Science Electives*: Physics**
SOCIAL STUDIES *4 cr Required*	**US History***	**World History*** *Public Svs Acad*	**Modern History of Hawaii (0.5) & Participation in Democracy* (0.5)** *Public Svs Acad*	**Sociology (0.5) & Psychology (0.5)** *Public Svs Acad*
CTE Program of Study Course	**Freshman Acad Advisory**	**Foundations of Education & Human Services (TEF1000)** **Public Services Acad Advisory**	**Human and Social Services Professionals (TEL2000) OR Teaching as a Profession 1 (TET2000)** **Public Services Acad Advisory**	**Human and Social Services Professionals Work-Based Learning (TEL4100) OR Teaching as a Profession Work-Based Learning (TET4100)** **Public Services Acad Advisory**
Graduation Requirements	Transition to HS (0.5) PE Lifetime Fitness (0.5)	PE Lifetime Activities (0.5) Health Today and Tomorrow (0.5)		Completion of PTP in Advisory (0.5)
Global Elective	2 of the following Fine Arts* World Language* General Elective*	1 of the following Fine Arts* World Language* General Elective*	2 of the following Fine Arts* World Language* General Elective*	2 of the following Fine Arts* World Language* General Elective*

*** Denotes course substitutions available. See pages 51 - 105 for full course offerings.**
Students will earn .5 credit Personal Transition Plan after successfully completing 4 years of Advisory.

Dual Credit Options
ED 110 Explorations In Education (University of Hawai'i at Hilo)
ECED 105 Introduction to Early Childhood Education (Hawai'i Community College Hilo)
ECED 110 Developmentally Appropriate Practice (Hawai'i Community College Hilo)
ECED 131 Child Development: Theory into Practice (Hawai'i Community College Hilo)

Work-Based Learning Experiences - Accessible to ALL Academy Program of Study Students
Career Day/Fair • Pathway Field Trips • Guest Speakers • Internship • Resume • Post-Secondary Research • Extra or Co-Curricular Activities • Scholarship/Financial Aid Applications • Personal Statement • Personal Data Sheet • Senior Project/Showcase

Available Advanced Placement / Early College Courses – Accessible to ALL Students
Advanced Placement
English Language • English Literature • World History • US Government • Calculus • Biology • Chemistry • Environmental Science • Seminar • Research
Early College
IS 101 - Building Bridges • HWST 100 - Piko Hawaii • ENG 100 - Composition • SP 151 - Personal and Public Speech • SP 260 - Media and Society • PSY 100 - Survey of Psychology • SOC 100 - Survey of General Sociology • HIST 151- World History to 1500 • HIST 152 - World History Since 1500 • MATH 100 - Survey of Mathematics • MATH 103 - Intro to College Algebra

UH Credentialed Programs Vertically Aligned with Academy Pathway	
Associate's Degree	
Hawai'i Community College (Hilo)	Early Childhood Education, AS
Hawai'i Community College (West Hawaii)	Early Childhood Education, AS
Honolulu Community College	Early Childhood Education, AS • Liberal Arts, AA
Kapi'olani Community College	Second Language Teaching, AS
Kauai Community College	Early Childhood Education, AS
Leeward Community College	Teaching, AS
Maui Community College	Early Childhood Education, AS
Windward Community College	NA
Bachelor's Degree	
University of Hawai'i at Hilo	Teaching, MAT
University of Hawai'i at Manoa	Early Childhood Education, MEd • Education, PhD • Educational Administration, MEd, PhD • Educational Foundations, BEd • Special Education, MEd • Teaching, MEdT
University of Hawai'i West O'ahu	Education, BEd
University of Hawai'i Maui College	NA
Hawai'i Pacific University	Elementary Education, BEd • Teaching English to Speakers of Other Languages, BA, MA
Chaminade University	Elementary Education, BS, MAT • Early Childhood Education, BS, MAT • Secondary Education, BS, MAT • Special Education, BS, MAT Elementary Education, BS • Art Education, BA • Biology Education, BS • English Education, BA • Exercise Science Education, BS • History Education, BA • Mathematics Education, BS • Physics Education, BS • Social Science Education, BS • TESOL Education, BA
Brigham Young University	

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Environmental Systems Pathway

Recommended Course Sequence

(See page 70 for course descriptions)

SUBJECT	9th Grade	10th Grade	11th Grade	12th Grade
LANGUAGE ARTS *4 cr Required*	**English Language Arts 1***	**English Language Arts 2*** *Public Svs Acad*	**English Language Arts 3*** *Public Svs Acad*	**English Language Arts 4*** *Public Svs Acad*
MATH *3 cr Required / 4 cr recommended*	**Algebra 1***	**Geometry*** *Public Svs Acad*	**Algebra 2*** *Public Svs Acad*	**Recommended Math Electives*: Statistics (0.5) & Algebra 3 (0.5) or Introduction to College Math**
SCIENCE *3 cr Required / 4 cr recommended*	**Physical Science***	**Biology I*** *Public Svs Acad*	**Chemistry*** *Public Svs Acad*	**Recommended Science Electives*: Physics**
SOCIAL STUDIES *4 cr Required*	**US History***	**World History*** *Public Svs Acad*	**Modern History of Hawaii (0.5) & Participation in Democracy* (0.5)** *Public Svs Acad*	**Sociology (0.5) & Psychology (0.5)** *Public Svs Acad*
CTE Program of Study Course	**Foundations of Agriculture, Food, & Natural Resources** **(TAO1000)** **Freshman Acad Advisory**	**Natural Resources & Wildlife Management 1** **(TAT2000)** **Public Services Acad Advisory**	**Natural Resources & Wildlife Management 2** **(TAT3000)** **Public Services Acad Advisory**	**Natural Resources Management Work-Based Learning** **(TAH4100)** **Public Services Acad Advisory**
Global Elective	Transition to HS (0.5) PE Lifetime Fitness (0.5)	PE Lifetime Activities (0.5) Health Today and Tomorrow (0.5)		Completion of PTP in Advisory (0.5)
Global Elective	1 of the following Fine Arts* World Language* General Elective*	1 of the following Fine Arts* World Language* General Elective*	2 of the following Fine Arts* World Language* General Elective*	2 of the following Fine Arts* World Language* General Elective*

*** Denotes course substitutions available. See pages 51 - 105 for full course offerings.**
Students will earn .5 credit Personal Transition Plan after successfully completing 4 years of Advisory.

Aligned Career and Technical Student Organization(s)

Future Farmers of America (FFA)

Work-Based Learning Experiences - Accessible to ALL Academy Program of Study Students

Career Day/Fair • Pathway Field Trips • Guest Speakers • Internship • Resume • Post-Secondary Research • Extra or Co-Curricular Activities • Scholarship/Financial Aid Applications • Personal Statement • Personal Data Sheet • Senior Project/Showcase

Available Advanced Placement / Early College Courses – Accessible to ALL Students

Advanced Placement

English Language • English Literature • World History • US Government • Calculus • Biology • Chemistry • Environmental Science • Seminar • Research

Early College

IS 101 - Building Bridges • HWST 100 - Piko Hawaii • ENG 100 - Composition • SP 151 - Personal and Public Speech • SP 260 - Media and Society • PSY 100 - Survey of Psychology • SOC 100 - Survey of General Sociology • HIST 151- World History to 1500 • HIST 152 - World History Since 1500 • MATH 100 - Survey of Mathematics • MATH 103 - Intro to College Algebra

UH Credentialed Programs Vertically Aligned with Academy Pathway

Associate's Degree

Hawai'i Community College (Hilo)	Agriculture, AAS • Biological Science, AS • Physical Science, AS • Tropical Forest Ecosystem & Agroforestry Mgmt,AS
Hawai'i Community College (West HI)	Biological Science, AS • Physical Science, AS
Honolulu Community College	Natural Sciences, AS
Kapi'olani Community College	Natural Sciences, AS
Kauai Community College	Natural Science, ASNS
Leeward Community College	Natural Science, ASNS • Plant Biology and Tropical Agriculture, AS
Maui Community College	Agriculture & Natural Resources, AAS
Windward Community College	Agripharmatech, CA • Marine Option Program, CA

Bachelor's Degree

University of Hawai'i at Hilo	Agriculture: Animal Health & Management Specialization, BS • Agriculture: Aquaculture Specialty, BS • Agriculture: Tropical Agroecology Specialty, BS • Environmental Studies/Science, BS • Marine Science, BS, BA • Natural Science, BA • Tropical Conservation Biology & Environmental Science, MS
University of Hawai'i at Manoa	Animal Sciences, BS, MS • Botany, BA, BS, MS, PhD • Global Environmental Science, BS • Marine Biology, BS, MS, PhD • Natural Resources & Environmental Management, BS, MS, MEM, PhD • Plant & Environmental Protection Sciences, BS • Sustainability, BA • Tropical Agriculture & the Environment, BS • Zoology, BA, BS, MS, PhD
University of Hawai'i West O'ahu	Natural Science, BS
University of Hawai'i Maui College	Sustainable Science Management, BAS
Hawai'i Pacific University	Biology: Conservation, Ecology & Evolution, BS • Environmental Science, BS • Marine Biology, BS • Oceanography, BS
Chaminade University	Environmental Science, BS • Environmental Studies, BS
Brigham Young University	Biology, BS

Legal & Protective Services Pathway

Recommended Course Sequence

(See page 71 for course descriptions)

SUBJECT	9th Grade	10th Grade	11th Grade	12th Grade
LANGUAGE ARTS *4 cr Required*	**English Language Arts 1***	**English Language Arts 2*** *Public Svs Acad*	**English Language Arts 3*** *Public Svs Acad*	**English Language Arts 4*** *Public Svs Acad*
MATH *3 cr Required / 4 cr recommended*	**Algebra 1***	**Geometry*** *Public Svs Acad*	**Algebra 2*** *Public Svs Acad*	**Recommended Math Electives*:** **Statistics (0.5) & Algebra 3 (0.5)** **or** **Introduction to College Math**
SCIENCE *3 cr Required / 4 cr recommended*	**Physical Science***	**Biology I*** *Public Svs Acad*	**Chemistry*** *Public Svs Acad*	**Recommended Science Electives*:** **Physics**
SOCIAL STUDIES *4 cr Required*	**US History***	**World History*** *Public Svs Acad*	**Modern History of Hawaii (0.5) & Participation in Democracy* (0.5)** *Public Svs Acad*	**Sociology (0.5) & Psychology (0.5)** *Public Svs Acad*
CTE Program of Study Course	**Freshman Acad Advisory**	**Foundations of Legal & Protective Services** **(TLL1000)** **Public Services Acad Advisory**	**Law Enforcement Services 1** **(TLE2000)** **Public Services Acad Advisory**	**Law Enforcement Services Work-Based Learning** **(TLE4100)** **Public Services Acad Advisory**
Recommended Pathway Electives				**Political Science (0.5) & American Problems (0.5)**
Global Elective	Transition to HS (0.5) PE Lifetime Fitness (0.5)	PE Lifetime Activities (0.5) Health Today and Tomorrow (0.5)		Completion of PTP in Advisory (0.5)
Global Elective	2 of the following Fine Arts* World Language* General Elective*	1 of the following Fine Arts* World Language* General Elective*	2 of the following Fine Arts* World Language* General Elective*	1 of the following Fine Arts* World Language* General Elective*

*** Denotes course substitutions available. See pages 51 - 105 for full course offerings.**
Students will earn .5 credit Personal Transition Plan after successfully completing 4 years of Advisory.

Work-Based Learning Experiences - Accessible to ALL Academy Program of Study Students
Career Day/Fair • Pathway Field Trips • Guest Speakers • Internship • Resume • Post-Secondary Research • Extra or Co-Curricular Activities • Scholarship/Financial Aid Applications • Personal Statement • Personal Data Sheet • Senior Project/Showcase

Available Advanced Placement / Early College Courses – Accessible to ALL Students
Advanced Placement
English Language • English Literature • World History • US Government • Calculus • Biology • Chemistry • Environmental Science • Seminar • Research
Early College
IS 101 - Building Bridges • HWST 100 - Piko Hawaii • ENG 100 - Composition • SP 151 - Personal and Public Speech • SP 260 - Media and Society • PSY 100 - Survey of Psychology • SOC 100 - Survey of General Sociology • HIST 151- World History to 1500 • HIST 152 - World History Since 1500 • MATH 100 - Survey of Mathematics • MATH 103 - Intro to College Algebra

UH Credentialed Programs Vertically Aligned with Academy Pathway	
Associate's Degree	
Hawai'i Community College (Hilo)	Administration of Justice, AS • Human Services, CO
Hawai'i Community College (West HI)	Administration of Justice, AS • Human Services, CO
Honolulu Community College	Administration of Justice, AAS
Kapi'olani Community College	Legal Education, AS
Kauai Community College	NA
Leeward Community College	NA
Maui Community College	Administration of Justice, AAS
Windward Community College	NA
Bachelor's Degree	
University of Hawai'i at Hilo	Administration of Justice, BA • Political Science, BA • Pre-Law, Cert • Public Policy, Cert
University of Hawai'i at Manoa	Juridical Science, SDJ • Law, LLM, JD • Law and Society, Cert Public
University of Hawai'i West O'ahu	Administration, BA • Social Science/Political Science, BA
University of Hawai'i Maui College	NA
Hawai'i Pacific University	Criminal Justice, BS, MS • Political Science, BA • Public Administration, BA, MA
Chaminade University	Criminology & Criminal Justice, BS, MS • Forensic Science, BS
Brigham Young University	Criminal Justice, Cert • Governance, Cert • Legal Studies, Cert • Political Science, BA

ALTERNATIVE LEARNING PROGRAMS, SUPPORTS & SERVICES (ALPSS)

Empowerment Opportunities (EO):

This alternative program is for students who have difficulty in the mainstream school environment due to academic, behavioral, social, and/or emotional problems. Students are scheduled into EO for part of the school day for instruction and/or counseling support services. (note: Waiākea High School supports an inclusive model of a "whole school" approach that incorporates ALPSS service in some general education courses).

English Language Arts: See English Language Arts (p. 39-41) section for full course description.

LCY1010U	**English Language Arts 1 – Grade 9**	
LCY2010U	**English Language Arts 2 – Grade 10**	
LCY3010U	**English Language Arts 3 – Grade 11**	
LCY4010U	**English Language Arts 4 – Grade 12**	**Year**
Course Number	*Course Title*	*1 credit each course*

Social Studies: See Social Studies (p. 59-61) section for full course description.

CHU1100U	**U.S. History and Government**	**Year**
Course Number	*Course Title*	*1 credit*
CHW1100U	**World History and Culture**	**Year**
Course Number	*Course Title*	*1 credit*
CHR1100U	**Modern History of Hawai'i**	**Semester**
Course Number	*Course Title*	*0.5 credit*
CGU1100U	**Participation In Democracy**	**Semester**
Course Number	*Course Title*	*0.5 credit*
CGW2400U	**Global Studies**	**Semester**
Course Number	*Course Title*	*0.5 credit*
CSD2100U	**Geography**	**Semester**
Course Number	*Course Title*	*0.5 credit*

Work Study Program:

This program is designed to help students stay in school, by offering work study program elective credit for qualifying students. ½ Credit may be awarded for 60 hours of verified, paid employment.

NWG1200U	**ALPSS Work Study 1**	
NWG1201U	**ALPSS Work Study 2**	**Semester**
Course Number	*Course Title*	*0.5 credit each*

Special Notation: ALPSS Work Study 2 is **repeatable**

Community Service

Community service gives elective credit to students for volunteer work they perform on their own time. Community service provides opportunities for students to develop responsibility, encourages humanitarian attitudes by doing things for others without compensation, and encourages cooperative working relationships with peers and adults in the community.

XLH2001U	Community Service	Semester
Course Number	*Course Title*	*0.5 credit for 60 hrs*

Special Notation: Participation with service organizations occur beyond the school day. **Course is repeatable**, however only 1.0 credit total will be counted toward graduation. No grade will be awarded.

Prerequisite: **Approval of Advisor required.**

Alternative Learning Opportunities (ALO):

Students may earn high school credits from this alternative education program for identified students. Students are required to meet specific eligibility criteria. **Please refer to core department sections (English LA-p. 39, Math- p. 53, Science- p. 56 and Social St- p. 59) for course offerings.** See ALPSS counselor for more information on program offerings.

Courses:

English Language Arts (1 credit/year)
LCY1010U1 – English 1 (9th Grade)
LCY2010U1 – English 2 (10th Grade)
LCY3010U1 – English 3 (11th Grade)
LCY4010U1 – English 4 (12th Grade)

Mathematics (0.5 credit/semester)
MXX1100U1 – Probability
MXX1250U1 – Logic & Reasoning

Mathematics (1 credit/year)
MAX1150U1 – Algebra 1
MGX1150U1 – Geometry
MAX1180U1 – MOW 2

Science (1 credit/year)
SPH2603U1 – Physical Science
SLH2203U1 – Biology
SEH2003U1 – Earth Systems Science

Social Studies (0.5 credit /semester)
CGU1100U1 – Part. in a Democracy
CHR1100U1 – Modern History of Hawai'i
CSD2100U1 – Geography
CGW2400U1 – Global Studies

Social Studies (1 credit/year)
CHU1100U1 – U.S. History (year)
CHW1100U1 – World History

Physical Ed. & Health (0.5 credit /sem)
PEP1005U1 – PE Lifetime Fitness
PEP1010U1 – PE Lifetime Activities
HLE1000U1 – Health Today & Tomorrow

Special Elective Courses (1 credit / year)
FVB1000U1 – General Art 1
FVB2000U1 – General Art 2

Elective Courses
MSW1009U1/MSW1010U1/MSW1011U1 – Math Workshop 9/10/11 (0.5 credit/semester)
LLHx013U1/LLHx014U1 – Eng LA Lab 1/2/3/4 (0.5 credit/semester)
XLH2001U1 – Community Service (0.5 credit for 60 hours of service)
TGG1100U1 – Career and Life Planning (0.5 credit)
TGG1104U1 – Advanced Guidance (0.5 credit)
PFP1310U1/1320U1/1330U1/1340U1 - Physical Fitness 1A/1B/2A/2B (0.5 credit/semester)

TGG1105 – Personal Transition Plan - 0.5 credit awarded at end of 1st semester of terminal year

CAREER & TECHNICAL EDUCATION (CTE)

The Career & Technical Education (CTE) Department offers a hands-on approach to learning. The CTE courses offer all students a comprehensive educational experience in the areas of Digital Media, Business, Building and Construction Technology, Design and Engineering Technology, Electronics and Computer Technology, Transportation Technology, Natural Resources, Career Pathways. All CTE courses focus on workplace skills development.

TGG1103	**Transition to High School**	**Semester**
Course Number	*Course Title*	*0.5 credit*

Special Notation: Grade 9 only. Required for and limited to incoming Grade 9 students.

The course is scheduled in the 1st semester with PEP1005 Physical Education Lifetime Fitness in the 2nd semester.

This course is designed to assist 9th grade students' transition into the high school setting. Students will develop study habits, note-taking skills, communication skills, computer literacy, and the general learner outcomes. By the end of the course, the students will be able to make connections between their interests, WHS career academies and post-high school plans, complete a career-focused culminating project, and begin establishing their Personal Transition Plan (PTP).

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Automotive Pathway

Foundations of Automotive Maintenance & Light Repair

TTF1000		Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grades 9 - 12. This is the 1st **REQUIRED** course for students entering the Academy of Industry and Technology's Automotive Pathway (9th or 10th Grade).

Introduction to Automotive Maintenance and Light Repair (MLR) is an introductory course designed to inform students about careers in automotive repair, as well as basic safety and service skills. Students will gain foundational knowledge of safety in the workplace, technician service skills, and basic engine and tire maintenance. As part of a student's program of study progression, the student will maintain a digital program of study portfolio, providing evidence of mastery of course standards and readiness to advance and complete the program of study.

TTA2000	Automotive Maintenance & Light Repair 1	Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grades 10 - 12. This is the 2nd **REQUIRED** course for students entering the Academy of Industry and Technology's Automotive Pathway (10th or 11th Grade).

Prerequisite: Completion of Foundations of Automotive Maintenance & Light Repair (TTF1000) with a grade of C or better. Approval of Instructor required.

The Maintenance and Light Repair (MLR) 1 course is the second course in the Automotive MLR program of study designed to inform students about suspension and steering systems and brake systems. Upon completion of the course, a proficient student will perform inspection services and service and/or repair vehicle suspension and steering systems and brake systems. As part of a student's program of study progression, the student will maintain a digital program of study portfolio, providing evidence of mastery of course standards and readiness to advance and complete the program of study.

TTA3000	Automotive Maintenance & Light Repair 2	Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grades 11 or 12. This is the 3rd course for students entering the Academy of Industry and Technology's Automotive Pathway (11th or 12th Grade).

Prerequisite: Satisfactory completion of Automotive Maintenance & Light Repair 1 (TTA2000). Approval of Instructor required.

The Maintenance and Light Repair (MLR) 2 course is the third course in the Automotive MLR program of study designed to inform students about automotive general electrical systems, starting and charging systems, batteries, lighting, and electrical accessories. Upon completion of the course, a proficient student will perform diagnostic services and service and/or repair vehicle electrical systems, electrical accessories, and charging systems. As part of a student's program of study progression, the student will maintain a digital program of study portfolio, providing evidence of mastery of course standards and readiness to advance and complete the program of study.

TTA4000	Automotive Maintenance & Light Repair 3	Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grades 12. This is the 4rd course for students entering the Academy of Industry and Technology's Automotive Pathway (12th Grade).

Prerequisite: Satisfactory completion of Automotive Maintenance & Light Repair 2 (TTA3000). Approval of Instructor required.

The *Maintenance and Light Repair (MLR) 3* course is the fourth course in the Automotive MLR program of study designed to inform students about heating and A/C systems, engine performance systems, and transmission/transaxles. Upon completion of the course, a proficient student will perform inspection services and service and/or repair heating and A/C systems, engine performance systems, and automatic and manual transmission/transaxles. As part of a student's program of study progression, the student will maintain a digital program of study portfolio, providing evidence of mastery of course standards and readiness to advance and complete the program of study.

TTA4100	Automotive Maintenance & Light Repair Work-Based Learning	Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grades 12. This is a **REQUIRED** course for students in the Academy of Industry and Technology's Business Pathway (12th Grade).

Automotive Maintenance and Light Repair (MLR): WBL is the capstone course in the Automotive MLR program of study. It is intended to provide a work-based learning experience for students to develop further understanding of professional issues, utilize employability skills, and demonstrate mastery of academic and technical skills learned through the program of study. The work-based learning experience provides opportunities to apply and practice the knowledge and skills learned in previous courses and gives students hands-on practical experiences related to occupations in the automotive and transportation industries. Upon completion of the course, a proficient student will be able to discern multiple pathways to a career in the automotive and transportation industries, necessary steps toward applying for a postsecondary program, necessary steps toward applying for a job, and reflect on program goals and aspirations. Instruction will be delivered through the classroom environment in conjunction with a work-based learning placement, such as an internship. The student will finalize a digital course portfolio providing evidence of mastery of the program standards and readiness for postsecondary and the workforce.

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Business Pathway

TBB10001 Foundations of Business & Marketing Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 9 - 12. This is the 1st **REQUIRED** course for students entering the Academy of Industry and Technology's Business Pathway (9th or 10th Grade).

Gain the confidence, fluency and skills to succeed in the world of business! Business pathway students will dive into a variety of topics in the field of business, from professional communication, career trends, workplace ethics, **marketing, money management to digital citizenship**. Students will engage in business presentations, job search and job interviews, and typical workplace scenarios that will prepare the students for **on-the-job success**! As part of a student's program of study progression, the student will create a digital program of study portfolio, providing evidence of mastery of course standards and readiness to advance and complete the program of study.

TBO2000 Business Communications Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 10 - 12. This is the 2nd **REQUIRED** course for students in the Academy of Industry and Technology's Business Pathway (10th or 11th Grade).

Prerequisite: Successful completion of Foundations of Business & Marketing (TBB1000).

Level up on your keyboarding skills with speed and accuracy! Software applications such as **MICROSOFT OFFICE (MS Word, Excel, PowerPoint, Publisher and Access)** will be covered and give you the UPPER EDGE in employment. Students will learn the techniques used in professional business communications (business reports, letters, email, social media, telephone.) in a real world setting. This hands-on course will be useful as students begin their business careers. As part of a student's program of study progression, the student will maintain a digital program of study portfolio providing evidence of mastery of the course standards and readiness to advance and complete the program of study.

TBS3000 Business Strategies & Planning Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 11 - 12. This is the 3rd course for students in the Academy of Industry and Technology's Business Pathway (11th or 12th Grade).

Prerequisite: Successful completion of Business Communications(TBO2000).

Business strategies introduces students to PLANNING, PROCEDURES, CHALLENGES & CAREER OPPORTUNITIES in the business industry. Students will apply their skills and standards in entrepreneurship, finance, management, and marketing to a **REAL WORLD PROJECT**. Topics such as market viability, operations, customer service, human resource management, finance, production, promotion, advertising and social media will be discussed. Start a **MINI-COMPANY** and learn to market your product/service successfully while **HAVING FUN!** As part of a student's program of study progression, the student will maintain a digital program of study portfolio providing evidence of mastery of the course standards and readiness to advance and complete the program of study.

TBI4100 Business Management Work-Based Learning Year

Course Number *Course Title* *1 credit*

Special Notation: Grade 12. This is a **REQUIRED** course for students in the Academy of Industry and Technology's Business Pathway (12th Grade)

OPTION: You may choose to leave campus early (Period 6 or 7) and go to work OR remain on campus for the entire school day and work during after-school hours (Period 9).

TBI41001 (Early Release: Pd. 6 or 7) **TBI41002** (Employment: After School Hours)

Business Management: WBL is the capstone course in the Business Management program of study. It is intended to provide a work-based learning experience for students to develop further understanding of professional issues, utilize employability skills, and demonstrate mastery of academic and technical skills learned throughout this program of study. The work-based learning experience provides opportunities to apply and practice the knowledge and skills learned in previous courses and gives students hands-on practical experiences related to aspects of business management and related fields of occupation. Upon completion of the course, a proficient student will be able to discern multiple pathways to a career in business, necessary steps toward applying for a postsecondary program, necessary steps toward applying for a job, and reflect on program goals and aspirations. Instruction will be delivered through the classroom environment in conjunction with a work-based learning placement, such as an internship. The student will finalize a digital course portfolio providing evidence of mastery of the program standards and readiness for postsecondary and the workforce.

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Construction Pathway

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TCF1000 — Foundations of Construction — Year

Course Number | *Course Title* | *1 credit*

Special Notation: Grades 10 - 12. This is the 1st **REQUIRED** course into the Academy of Industry & Technology's Construction Pathway (10th or 11th Grade).

Foundations of Construction is an introductory course designed to inform students about careers in building and construction. This course serves as the foundation course for the Residential & Commercial Construction and Mechanical, Electrical, and Plumbing (MEP) Systems programs of study. Students will be able to employ tools safely, explain building systems and materials, and interpret basic construction drawings to complete projects, demonstrating proper measurement and application of mathematical concepts.

TCG10006 — Foundations of Construction (Geometry in Construction) — Year

Course Number | *Course Title* | *1 credit*

Special Notation: Grades 10 - 12. This is the 1st **REQUIRED** course into the Academy of Industry & Technology's Construction Pathway (10th or 11th Grade).

Must be taken together with MGX11506 Geometry in Construction or MGX1150H6 Geometry in Construction Honors (see pages 88-89)

Foundations of Construction is an introductory course designed to inform students about careers in building and construction. This course serves as the foundation course for the Residential & Commercial Construction and Mechanical, Electrical, and Plumbing (MEP) Systems programs of study. Students will be able to employ tools safely, explain building systems and materials, and interpret basic construction drawings to complete projects, demonstrating proper measurement and application of mathematical concepts.

Foundations of Construction (Geometry in Construction) must be taken concurrently with MGX11506 Geometry in Construction or MGX1150H6 Geometry in Construction Honors.

TCR2000 — Residential & Commercial Construction 1 — Year

Course Number | *Course Title* | *1 credit*

Special Notation: Grades 11 or 12. This is the 2nd **REQUIRED** course into the Academy of Industry & Technology's Construction Pathway (11th or 12th Grade).

Prerequisite: Satisfactory completion of Foundations of Construction (TCG1000 or TCG10006). Approval of Instructor required.

Residential & Commercial Construction 1 is the second course in the Residential & Commercial Construction program of study intended to have students develop an understanding of the different phases of a construction project from start to finish. Upon completion of this course, a proficient student will be able to demonstrate knowledge and skills in the early phases of building construction, including site layout, concrete and floor to ceiling systems. Proficient students will be able to frame walls, ceilings, and floors of a structure, while safely employing tools and interpreting construction drawings to complete projects. As part of a student's program of study progression, the student will maintain a digital program of study portfolio, providing evidence of mastery of course standards and readiness to advance and complete the program of study.

TCR4100 — Residential & Commercial Construction Work-Based Learning — Year

Course Number | *Course Title* | *1 credit*

Special Notation: Grade 12. This is a **REQUIRED** course for students in the Academy of Industry and Technology's Construction Pathway (12th Grade)

Residential & Commercial Construction: WBL is the capstone course in the Residential & Commercial Construction program of study. It is intended to provide a work-based learning experience for students to develop further understanding of professional and ethical issues, utilize employability skills, and demonstrate mastery of academic and technical skills learned through the program of study. Instruction will be delivered through the classroom environment in conjunction with a workbased learning placement, such as an internship or apprenticeship. The student will finalize a digital course portfolio providing evidence of mastery of program standards and readiness for postsecondary and the workforce.

TAM10001 Foundations of Manufacturing Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 11 or 12. This is an **ELECTIVE** course for the Academy of Industry & Technology's Construction Pathway (11th or 12th Grade). Can be taken concurrently with Residential & Commercial Construction 1.

Prerequisite: Satisfactory completion of Foundations of Construction (TCG1000 or TCG10006). Approval of Instructor required.

Foundations of Manufacturing is an introductory course designed to inform students about careers in advanced manufacturing and related areas, including electronics, welding, automation, robotics, and motor and logic controls. This Level 1 course serves as the foundation course for the Automation and Robotics Technology, Electro-Mechanical, and Welding programs of study. Upon completion of the course, a proficient student will be able to describe various advanced manufacturing occupations and outline the steps necessary to advance in specific careers, employ tools safely, possess foundational knowledge of advanced manufacturing components and processes, interpret basic project drawings, and demonstrate proper measurement and application of mathematical concepts.

TAR2000 Automation & Robotics Technology 1 Year

Course Number *Course Title* *1 credit*

Special Notation: Grades12. This is an **ELECTIVE** course for the Academy of Industry & Technology's Construction Pathway (12th Grade). Can be taken concurrently with Residential & Commercial Construction Work-Based Learning

Prerequisite: Satisfactory completion of Foundations of Manufacturing (TAM1000). Approval of Instructor required.

Foundations of Manufacturing is an introductory course designed to inform students about careers in advanced manufacturing and related areas, including electronics, welding, automation, robotics, and motor and logic controls. This Level 1 course serves as the foundation course for the Automation and Robotics Technology, Electro-Mechanical, and Welding programs of study. Upon completion of the course, a proficient student will be able to describe various advanced manufacturing occupations and outline the steps necessary to advance in specific careers, employ tools safely, possess foundational knowledge of advanced manufacturing components and processes, interpret basic project drawings, and demonstrate proper measurement and application of mathematical concepts.

TGG5316 Construction Academy Blueprint Reading Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 11 - 12. This is an **ELECTIVE** course for the Academy of Industry & Technology's Construction Pathway (11th or 12th Grade). Can be taken concurrently with Residential & Commercial Construction 1.

HawCC Construction Academy Course. Student will be required to purchase or provide some of the basic supplies.

Prerequisite: Satisfactory completion of Foundations of Construction (TCG1000 or TCG10006). Approval of Instructor required.

This course is designed primarily for students in the construction trades. Topics include graphic representation, basic building construction, interpretation of working drawings and building specifications. Learning activities include: design, spatial visualization and techniques, sketching and use of instruments, shape and size description, multi-view projection, auxiliaries, rotation, pictorial drawings, and computer-aided drafting.

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Engineering Pathway

TAE1000 Foundations of Engineering Technology — Year

Course Number — *Course Title* — *1 credit*

Special Notation: Grades 10 - 12. This is the 1st **REQUIRED** course into the Academy of Industry & Technology's Engineering Pathway (10th or 11th Grade).

Foundations of Engineering Technology is an introductory course designed to inform students about careers in engineering. This course serves as the foundation course for the Engineering program of study. Students will gain foundational knowledge of the engineering design process, sketching and technical drawing techniques, and foundational elements to engineering and the role of math. Students will also be equipped with the knowledge and skills to be successful in various fields in engineering. Upon completion of this course, a proficient student will have foundational understanding of the role of static and hydraulic in design, internal and external considerations in engineering design, and civil and mechanical engineering. Students will also demonstrate technical knowledge and skills through continued technical drawings and models of varying complexity. As part of a student's program of study progression, the student will maintain a digital program of study portfolio, providing evidence of mastery of course standards and readiness to advance.

TAE3000 Engineering Technology 2 — Year

Course Number — *Course Title* — *1 credit*

Special Notation: Grades 11 - 12. This is the 2nd **REQUIRED** course into the Academy of Industry & Technology's Engineering Pathway (11th or 12th Grade).

Prerequisite: Completion of Foundations of Engineering Technology (TAE1000) with a grade of C or better. Approval of Instructor required.

Engineering 2 is designed to provide students with the opportunity to apply skills learned in previous courses and continue to grow and strengthen their individual engineering design process. Upon completion of the course, a proficient student will have additional concepts of engineering, such as kinematics and kinetics, electrical, advanced drawings, and the opportunity to apply learned knowledge and skills across design projects. This course also includes a general survey of the field of computer science and principles of human/machine interface. As part of a student's program of study progression, the student will maintain a digital program of study portfolio, providing evidence of mastery of course standards and readiness to advance and complete the program of study.

TAE4100 Engineering Technology Work-Based Learning — Year

Course Number — *Course Title* — *1 credit*

Special Notation: Grade 12. This is a **REQUIRED** course for students in the Academy of Industry and Technology's Engineering Technology Pathway (12th Grade)

Engineering: WBL is the capstone course in the Engineering program of study. It is intended to provide a practicum experience for students to develop further understanding of professional issues, utilize employability skills, and demonstrate mastery of academic and technical skills learned throughout this program of study. The work-based learning experience provides opportunities to apply and practice the knowledge and skills learned in previous courses and gives students hands-on practical experiences related to professions in engineering. Engineering: WBL 2 Upon completion of the course, a proficient student will be able to discern multiple pathways to a career in engineering, necessary steps toward applying for a postsecondary program, necessary steps toward applying for a job, and reflect on program goals and aspirations. Instruction will be delivered through the classroom environment in conjunction with a workbased learning placement, such as an internship. The student will finalize a digital course portfolio providing evidence of mastery of program standards and readiness for postsecondary and the workforce.

TAM1000 Foundations of Manufacturing — Year

Course Number — *Course Title* — *1 credit*

Special Notation: Grades 11 or 12. This is an **ELECTIVE** course for the Academy of Industry & Technology's Engineering Technology Pathway (11th or 12th Grade). Can be taken concurrently with Engineering Technology 2.

Prerequisite: Satisfactory completion of Foundations of Engineering Technology (TAE1000). Approval of Instructor required.

Foundations of Manufacturing is an introductory course designed to inform students about careers in advanced manufacturing and related areas, including electronics, welding, automation, robotics, and motor and logic controls. This Level 1 course serves as the foundation course for the Automation and Robotics Technology, Electro-Mechanical, and Welding programs of study. Upon completion of the course, a proficient student will be able to describe various advanced manufacturing occupations and outline the steps necessary to advance in specific careers, employ tools safely, possess foundational knowledge of advanced manufacturing components and processes, interpret basic project drawings, and demonstrate proper measurement and application of mathematical concepts.

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TAR2000 Automation & Robotics Technology 1 Year

Course Number *Course Title* *1 credit*

Special Notation: Grades12. This is an **ELECTIVE** course for the Academy of Industry & Technology's Engineering Technology Pathway (12th Grade). Can be taken concurrently with Engineering Technology Work-Based Learning

Prerequisite: Satisfactory completion of Foundations of Manufacturing (TAM1000). Approval of Instructor required.

Foundations of Manufacturing is an introductory course designed to inform students about careers in advanced manufacturing and related areas, including electronics, welding, automation, robotics, and motor and logic controls. This Level 1 course serves as the foundation course for the Automation and Robotics Technology, Electro-Mechanical, and Welding programs of study. Upon completion of the course, a proficient student will be able to describe various advanced manufacturing occupations and outline the steps necessary to advance in specific careers, employ tools safely, possess foundational knowledge of advanced manufacturing components and processes, interpret basic project drawings, and demonstrate proper measurement and application of mathematical concepts.

Computer Science & Programming Pathway

TIF1000 — Foundations of Computer Systems & Technology — Year

Course Number | *Course Title* | *1 credit*

Special Notation: Grades 9 - 12. This is the 1st **REQUIRED** course of the Arts & Communications Academy's Computer Science & Programming Pathway (9th or 10th Grade).

Foundations of Computer Systems and Technology is an introductory course designed to inform students about careers in the information technology sector and basic technologies. This Level 1 course serves as the foundation course for the Artificial Intelligence, Programming, Networking, Cybersecurity, Web Design & Development programs of study. Upon completion of the course, a proficient student will be able to describe various information technology occupations and outline the steps necessary to advance in specific careers, demonstrate basic knowledge of computer hardware components and processes, and distinguish foundational concepts in multiple information technology disciplines. As part of a student's program of study progression, the student will create a digital program of study portfolio, providing evidence of mastery of course standards and readiness to advance and complete the program of study.

TIP2000 — Programming 1 — Year

Course Number | *Course Title* | *1 credit*

Special Notation: Grades 10 - 12. This is the 2nd **REQUIRED** course of the Arts & Communications Academy's Computer Science & Programming Pathway (10th or 11th Grade).

Prerequisite: Successful completion of Foundations of Computer Systems & Technology (TIF2000). Approval of instructor required.

Programming 1 is the second course in the Programming program of study designed to introduce students to foundational programming knowledge and basic skills in Python, Java, and C# languages, which are utilized by programmers in mobile app and game development. Upon completion of the course, a proficient student will be able to breakdown the elements of the software development cycle and explain the role specific universal programming components and tools play in programming languages and for programmers. A proficient student will also be able to demonstrate the ability to summarize the key programming elements that comprise Python, Java, and C#, as well as write and run basic programs using those languages. As part of a student's program of study progression, the student will maintain a digital program of study portfolio, providing evidence of mastery of course standards and readiness to advance and complete the program of study.

TIP3000 — Programming Mobile Applications & Game Development — Year

Course Number | *Course Title* | *1 credit*

Special Notation: Grades 11 - 12. This is the 3rd **REQUIRED** course of the Arts & Communications Academy's Computer Science & Programming Pathway (11th or 12th Grade).

Prerequisite: Successful completion of Programming 1 (TIP2000). Approval of instructor required.

Mobile Applications & Game Development is the third course in the Programming program of study designed to inform students on the role of mobile applications & gaming technologies in society, what comprises a mobile application and the process used for designing one, the process/cycle and primary elements used for game development, as well as to prepare students for mobile applications & game development through the use of design concepts/tools, game engine software, and a programming language. Upon completion of the course, a proficient student will be able to explain the varied uses of mobile applications & gaming in today's society and the process used to create mobile applications of varied complexities across different operating systems. A proficient student will also be able to demonstrate the writing of programming language leading to the development of a basic mobile application. As part of a student's program of study progression, the student will maintain a digital program of study portfolio, providing evidence of mastery of course standards and readiness to advance and complete the program of study.

TIP4100	Programming Work-Based Learning	Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grades 12. This is the final **REQUIRED** course of the Arts & Communications Academy's Computer Science & Programming Pathway (12th Grade)..

Programming: WBL is the capstone course in the Programming program of study. It is intended to provide a work-based learning experience for students to develop further understanding of professional issues, utilize employability skills, and demonstrate mastery of academic and technical skills learned through the program of study. The work-based learning experience provides opportunities to apply and practice the knowledge and skills learned in previous courses and gives students hands-on practical experiences related to professions in programming and related fields of occupation. Upon completion of the course, a proficient student will be able to discern multiple pathways to careers in programming, necessary steps toward applying for a postsecondary program, necessary steps toward applying for a job, and reflect on program goals and aspirations. Instruction will be delivered through the classroom environment in conjunction with a work-based learning placement, such as an internship. The student will finalize a digital course portfolio providing evidence of mastery of the program standards and readiness for postsecondary and the workforce.

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Creative Media Pathway

New Courses will start in SY 2023-24

TAC2010 Arts & Communication Pathway Core — Year

Course Number — *Course Title* — *1 credit*

Special Notation: Grades 9 - 12. This is the 1st **REQUIRED** course of the Arts & Communications Academy's Creative Media Pathway (9th or 10th Grade).

This course is designed for students who plan to pursue careers in the Creative Media Pathway. Students will be introduced to basic concepts in Written and Media Arts, human behavior and relationships, professional accountability and attributes, and the effective use of varied technologies appropriate to their occupation**.** An interdisciplinary approach is used to cover the following concepts: 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.

TAU2210 Digital Media Technology — Year

Course Number — *Course Title* — *1 credit*

Special Notation: Grades 10 - 12. This is the 2nd **REQUIRED** course of the Arts & Communications Academy's Creative Media Pathway (10th or 11th Grade).

A nominal fee will be assessed for expendable materials and supplies.

Prerequisite: Successful completion of Arts & Communication Pathway Core (TAC2010). Approval of instructor required.

This course is designed to provide students the skills to support and enhance their learning about digital media technology. Topics include Google Apps for Education, the creation of media content and its communicative abilities.

TAN2115 Broadcast Media — Year

Course Number — *Course Title* — *1 credit*

Special Notation: Grades 11 or 12. This is the 3rdnd **REQUIRED** course of the Arts & Communications Academy's Creative Media Pathway (11th or 12th Grade).

A nominal fee will be assessed for expendable materials and supplies. Course is repeatable for credit.

Prerequisite: Successful completion of Digital Media Technology (TAU2210). Approval of instructor required.

This course is designed to give students hands-on opportunities in television news production and digital media story-telling. 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 Students will gain hands-on production experience using digital video equipment and editing software and may be selected to participate in video contests and PBS Hawaii's Hiki No student news program. The purpose of this course is to provide students with a foundation in the principles of interactive entertainment media and design. This will include a study of the gaming industry and gaming as a media form. Emphasis will be placed on designs and products that meet specific goals or criteria.

TAK2990 Arts & Communication Career Pathway Capstone — Year

Course Number — *Course Title* — *1 credit*

Special Notation: Grade 12. This is the final **REQUIRED** course of the Arts & Communications Academy's Creative Media Pathway (11th or 12th Grade).

The Capstone or Senior Project reflects the culmination of the knowledge, skills, and dispositions necessary for success in today's world. This senior project provides a venue for the Arts & Communication Academy senior to plan and execute an individualized study on a topic of particular interest to the student.

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Entrepreneurship Pathway

New Courses will start in SY 2023-24

TBB10004 Foundations of Business & Marketing Year

Course Number *Course Title* *1 credit*

Special Notation: Grade 10 - 12. This is the 1st **REQUIRED** course for students entering the Arts & Communications Academy's Entrepreneurship Pathway (10th or 11th Grade).

Foundations of Business & Marketing is an introductory course designed to inform students about careers in various sectors of business, as well as basic business concepts. This Level 1 course serves as the foundation course for the Business Management, Entrepreneurship, Financial Management, Marketing Management, and Supply Chain and Logistics Technology programs of study. Upon completion of the course, a proficient student will have foundational knowledge of business and business-related occupations and concepts, including management, finance, marketing, and entrepreneurship and how each intertwines. As part of a student's program of study progression, the student will create a digital program of study portfolio, providing evidence of mastery of course standards and readiness to advance and complete the program of study.

TBE2000 Entrepreneurship 1 Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 11 - 12. This is the 2nd **REQUIRED** course of the Arts & Communications Academy's Creative Media Pathway (11th or 12th Grade).

Prerequisite: Successful completion of Foundations of Business & Marketing (TBB10004). Approval of instructor required.

Entrepreneurship 1 is the second course in the Entrepreneurship program of study designed to inform students about careers related to starting and running a business. Students prepare for the business world by examining basic principles in management, finance, and marketing as they apply to entrepreneurship. Upon completion of the course, a proficient student will be able to describe the foundations of small business operations and how entrepreneurship intertwines to create the fabric of the labor market. As part of a student's program of study progression, the student will maintain a digital program of study portfolio, providing evidence of mastery of course standards and readiness to advance and complete the program of study.

Students pursuing a career in the Fine Arts are recommended to take a Fine Arts course as an additional elective (See pages XX - XX for course descriptions: Acting, Band, Ceramics, Drawing & Painting, General Art, Ukulele).

Students pursuing a career in the Culinary, Hospitality or Fashion Design fields are recommended to take one of the following courses as an additional elective: Culinary 1 (TPU7216), Culinary 2 (TPN7223), Hospitality & Tourism (TPU7510), Fashion Design (TAU2310).

TPU7216 Culinary 1 Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 11 or 12. This is an ELECTIVE course of the Arts & Communications Academy's Entrepreneurship Pathway (11th or 12th Grade).

A $10 fee will be assessed for expendable materials and supplies.

Prerequisite: Successful completion of Foundations of Business & Marketing (TBB10004). Approval of instructor required.

This course offers an introduction 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, and the use and care of equipment and food service organization. This course provides practical work experiences in the classroom and laboratory.

This course should be taken concurrently with Entrepreneurship 1 (TBE2000).

TPN7223 Culinary 2 Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 11 or 12. This is an ELECTIVE course of the Arts & Communications Academy's Entrepreneurship Pathway (11th or 12th Grade).

A $10 fee will be assessed for expendable materials and supplies.

Prerequisite: Successful completion of Culinary 1 (TPU7216).
Approval of instructor required.

This course is designed to qualify an individual for entry-level positions in the food industry. Classroom and laboratory experiences place an emphasis on quality food preparation and service, sanitation, safety, selection and purchasing of food supplies, storeroom control, and care of supplies and equipment.

This course should be taken concurrently with Entrepreneurship 1 (TBE2000) or with Arts & Communication Career Pathway Capstone (TAK2990).

TPU7510 Hospitality & Tourism Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 11 or 12. This is an ELECTIVE course of the Arts & Communications Academy's Entrepreneurship Pathway (11th or 12th Grade).

A nominal fee will be assessed for expendable materials and supplies. Course is repeatable for credit.

Prerequisite: Successful completion of Foundations of Business & Marketing (TBB10004).
Approval of instructor required.

This course is designed to provide 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 and business travelers. In addition, students will learn about career and management opportunities, job qualifications and benefits within these sectors on hospitality and tourism.

This course should be taken concurrently with Entrepreneurship 1 (TBE2000).

TAU2310 Fashion Design Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 11 or 12. This is an ELECTIVE course of the Arts & Communications Academy's Entrepreneurship Pathway (11th or 12th Grade).

A $10 fee will be assessed for expendable materials and supplies. Course is repeatable for credit.

Prerequisite: Successful completion of Foundations of Business & Marketing (TBB10004).
Approval of instructor required.

Fashion Design is a course for students interested in creating and constructing fashion wear. Content will focus on the history of fashion; social, economic and political influences; illustration and merchandising; and pattern manipulation and garment construction.

This course should be taken concurrently with Entrepreneurship 1 (TBE2000).

TAK2990 Arts & Communication Career Pathway Capstone Year

Course Number *Course Title* *1 credit*

Special Notation: Grade 12. This is the 3rd **REQUIRED** course of the Arts & Communications Academy's Entrepreneurship Pathway (12th Grade).

The Capstone or Senior Project reflects the culmination of the knowledge, skills, and dispositions necessary for success in today's world. This senior project provides a venue for the Arts & Communication Academy senior to plan and execute an individualized study on a topic of particular interest to him/her.

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Emergency Medical Technician Pathway

THF1000 — Foundations of Health Services — Year

Course Number | *Course Title* | *1 credit*

Special Notation: Grades 10 or 11. This is the 1st **REQUIRED** course of the Health Services Academy's Emergency Medical Technician Pathway (10th or 11th Grade).

Foundations of Health Services is an introductory course designed to inform students about careers in the Health Services field, as well as basic medical skills and terminology. This Level I course serves as the foundation course for the Public Health Services, Diagnostic Services, Emergency Medical Services, Human Performance Therapeutic Services, and Nursing Services programs of study. Upon completion of the course, a proficient student will have foundational knowledge of various medical careers, foundational healthcare skills, safety skills, traditional Hawaiian health care philosophies, and ethics. As part of a student's program of study progression, the student will create a digital program of study portfolio, providing evidence of mastery of course standards and readiness to advance and complete the program of study.

THA2000 — Advanced Health Services — Year

Course Number | *Course Title* | *1 credit*

Special Notation: Grade 11 or 12. This is the 2nd **REQUIRED** course of the Health Services Academy's Emergency Medical Technician Pathway (11th or 12th Grade).

Prerequisite: Satisfactory completion of Foundations of Health Services (THF1000). Approval of Instructor required.

Advanced Health Services is the second course for the Diagnostic Services, Emergency Medical Services, Human Performance Therapeutic Services, and Nursing Services programs of study. It is designed to develop student understanding of the structures and functions of the human body. Upon completion of the course, a proficient student will be able to characterize the functions of various organs and body systems and their interplay with one another in the human body. As part of a student's program of study progression, the student will maintain a digital program of study portfolio providing evidence of mastery of the course standards and readiness to advance and complete the program of study.

THM4100 — Emergency Medical Services Work-Based Learning — Year

Course Number | *Course Title* | *1 credit*

Special Notation: Grade 12. This is the 3rd **REQUIRED** course of the Health Services Academy's Emergency Medical Technician Pathway (12th Grade).

EMS: WBL is the capstone course in the Emergency Medical Services program of study. It is intended to provide a work-based learning experience for students to develop further understanding of professional issues, utilize employability skills, and demonstrate mastery of academic and technical skills learned throughout this program of study. The work-based learning experience provides opportunities to apply and practice the knowledge and skills learned in previous courses and gives students hands-on practical experiences related to emergency medical services and related fields of occupation. Upon completion of the course, a proficient student will be able to discern multiple pathways to a career in health care, necessary steps toward applying for a postsecondary program, necessary steps toward applying for a job, and reflect on program goals and aspirations. A proficient student will also be able to document logged hours in a medical setting and demonstrate mastery of skills learned throughout this program of study in a medical setting. Instruction will be delivered through the classroom environment in conjunction with a work-based learning placement, such as a clinical internship. The student will finalize a digital course portfolio providing evidence of mastery of the program standards and readiness for postsecondary and the workforce.

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Nursing & Medicine Pathway

THF1000 Foundations of Health Services Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 10 - 12. This is the 1st **REQUIRED** course of the Health Services Academy's Nursing & Medicine Pathway (10th or 11th Grade).

Foundations of Health Services is an introductory course designed to inform students about careers in the Health Services field, as well as basic medical skills and terminology. This Level I course serves as the foundation course for the Public Health Services, Diagnostic Services, Emergency Medical Services, Human Performance Therapeutic Services, and Nursing Services programs of study. Upon completion of the course, a proficient student will have foundational knowledge of various medical careers, foundational healthcare skills, safety skills, traditional Hawaiian health care philosophies, and ethics. As part of a student's program of study progression, the student will create a digital program of study portfolio, providing evidence of mastery of course standards and readiness to advance and complete the program of study.

THA2000 Advanced Health Services Year

Course Number *Course Title* *1 credit*

Special Notation: Grade 11 or 12. This is the 2nd **REQUIRED** course of the Health Services Academy's Nursing & Medicine Pathway (11th or 12th Grade).

Prerequisite: Satisfactory completion of Foundations of Health Services (THF1000). Approval of Instructor required.

Advanced Health Services is the second course for the Diagnostic Services, Emergency Medical Services, Human Performance Therapeutic Services, and Nursing Services programs of study. It is designed to develop student understanding of the structures and functions of the human body. Upon completion of the course, a proficient student will be able to characterize the functions of various organs and body systems and their interplay with one another in the human body. As part of a student's program of study progression, the student will maintain a digital program of study portfolio providing evidence of mastery of the course standards and readiness to advance and complete the program of study.

THA3000 Nursing Services 1 Year

Course Number *Course Title* *1 credit*

Special Notation: Grade 12. This is the 3nd course of the Health Services Academy's Nursing & Medicine Pathway (12th Grade).

Prerequisite: Satisfactory completion of Advanced Health Services (THA2000). Approval of Instructor required.

Nursing Services 1 is the third course in the Nursing Services program of study and is an applied course designed to develop the skills necessary for a career in nursing. Upon completion of the course, a proficient student will be able to assess, monitor, evaluate, and report patient/client health status, apply safety and wellness protocols, and communicate effectively with the patient and family members. As part of a student's program of study progression, the student will maintain a digital program of study portfolio providing evidence of mastery of the course standards and readiness to advance and complete the program of study.

THS4100 Nursing Services Work-Based Learning Year

Course Number *Course Title* *1 credit*

Special Notation: Grade 12. This is the 3rd **REQUIRED** course of the Health Services Academy's Nursing & Medicine Pathway (12th Grade).

Nursing Services: WBL is the capstone course in the Nursing Services program of study. It is intended to provide a work-based learning experience for students to develop further understanding of professional issues, utilize employability skills, and demonstrate mastery of academic and technical skills learned throughout this program of study. The work-based learning experience provides opportunities to apply and practice the knowledge and skills learned in previous courses and gives students hands-on practical experiences related to nursing services and related fields of occupation. Upon completion of the course, a proficient student will be able to discern multiple pathways to a career in health care, necessary steps toward applying for a postsecondary program, necessary steps toward applying for a job, and reflect on program goals and aspirations. A proficient student will also be able to document logged hours in a health care-related setting and demonstrate mastery of skills learned throughout this program of study in a health care-related setting. Instruction will be delivered through the classroom environment in conjunction with a work-based learning placement. The student will finalize a digital course portfolio providing evidence of mastery of the program standards and readiness for postsecondary and the workforce.

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Education & Human Services Pathway

Foundations of Education & Human Services

TEF1000	(Foundations of Education)	Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grades 10 - 12. This is the 1st **REQUIRED** course of the Public Services Academy's Education & Human Services Pathway (10th or 11th Grade).

Students will learn about careers in education and learning support professions including teaching, counseling, and areas of specialization in education. Students will develop foundational knowledge of human development, understanding of course standards and curriculum, and required ethical and professional responsibilities. As part of a student's program of study progression, the student will create a digital program of study portfolio, providing evidence of mastery of course standards and readiness to advance and complete the program of study.

TET2000	Teaching as a Profession 1	Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grades 11 - 12. This is the 2nd **REQUIRED** course of the Public Services Academy's Education & Human Services Pathway (11th or 12th Grade) for students who are focusing on Education as a career.

Prerequisite: Successful completion of Foundations of Education (TEF1000). Approval of instructor required.

This course is designed for students who are interested in teaching in the classroom. Components on instruction, teaching strategies, student learning, English Learner and special populations, and educational technology will be covered. Students will gain a fundamental understanding of the trajectory of learning and be prepared for the application of these concepts. As part of a student's program of study progression, the student will maintain a digital program of study portfolio, providing evidence of mastery of course standards and readiness to advance and complete the program of study.

Human and Social Services Professionals 1

TEL2000	(Learning Support Professionals 1)	Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grades 11 or 12. This is the 2nd **REQUIRED** course of the Public Services Academy's Education & Human Services Pathway (11th or 12th Grade) for students who are focusing on a Human Services career.

Prerequisite: Successful completion of Foundations of Education (TEF1000). Approval of instructor required.

This course is designed for students interested in careers in mental health and human services. Potential professions might include (but are not limited to) careers in mental health, counseling, social work, psychology, in education and/or public/private sectors. This course covers the components of human development, student learning and needs, and occupational requirements and ethics. As part of a student's program of study progression, the student will maintain a digital program of study portfolio, providing evidence of mastery of course standards and readiness to advance and complete the program of study.

Teaching as a Profession Work-Based Learning

TET4100		Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grade 12. This is the 3rd **REQUIRED** course of the Public Services Academy's Education & Human Services Pathway (12th Grade) for students who are focusing on Education as a career.

Teaching as a Profession: WBL is the capstone course in the Teaching as a Profession (TAP) (PreK-12) program of study. It is intended to provide a work-based learning experience for students to develop further understanding of professional and ethical issues, utilize employability skills, and demonstrate mastery of academic and technical skills learned through the program of study. Teaching as a Profession: WBL 2 The WBL experience provides opportunities to apply and practice the knowledge and skills learned in previous courses and gives students hands-on practical experiences related to professions in PreK-12 education. Upon completion of the course, a proficient student will be able to discern multiple pathways to a career in PreK-12 education, necessary steps toward applying for a postsecondary credentialed program, necessary steps toward applying for a job, and reflect on program goals and aspirations. Instruction will be delivered through the classroom environment in conjunction with a workbased learning placement, such as an internship. The student will finalize a digital course portfolio providing evidence of mastery of program standards and readiness for postsecondary and the workforce.

Human and Social Services Professionals (Learning Support Professionals)

TEL4100		Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grades 12. This is the 3rd **REQUIRED** course of the Public Services Academy's Education & Human Services Pathway (11th or 12th Grade) for students who are focusing on a Human Services career.

Learning Support Professionals: WBL is the capstone course in the Learning Support Professionals (LSP) program of study. It is intended to provide a work-based learning experience for students to develop further understanding of professional and ethical issues, utilize employability skills, and demonstrate mastery of academic and technical skills learned through the program of study. Learning Support Professionals: WBL 2 The work-based learning experience provides opportunities to apply and practice the knowledge and skills learned in previous courses and gives students hands-on practical experiences related to professions in PreK-12 education. Upon completion of the course, a proficient student will be able to discern multiple pathways to a career in PreK-12 education, necessary steps toward applying for a postsecondary credentialed program, necessary steps toward applying for a job, and reflect on program goals and aspirations. Instruction will be delivered through the classroom environment in conjunction with a workbased learning placement, such as an internship. The student will finalize a digital course portfolio providing evidence of mastery of program standards and readiness for postsecondary and the workforce.

Environmental Systems Pathway

Foundations of Agriculture, Food & Natural Resources

TAO1000 — **Year**

Course Number — *Course Title* — *1 credit*

Special Notation: Grades 9 - 12. This is the 1st **REQUIRED** course of the Public Services Academy's Environmental Systems Pathway (9th or 10th Grade).

Students will learn essential concepts to inform students about careers in agriculture and understand the important role that agriculture plays in the twenty-first century. Students will have foundational knowledge of various agriculture-related career fields, ecosystems, plant systems, animal systems, and the reproduction systems of plants and animals.

TAT2000 Natural Resources & Wildlife Management 1 — Year

Course Number — *Course Title* — *1 credit*

Special Notation: Grades 10-12. This is the 2nd course of the Public Services Academy's Environmental Systems Pathway (10th or 11th Grade).

Natural Resources & Wildlife Management 1 is the second course in the Natural Resources Management program of study designed to inform students about the fundamental management of natural ecosystems. Upon completion of this course, a proficient student will have basic knowledge of resource management as it pertains to water, land, plant, and wildlife and the principles of environmental science.

TAT3000 Natural Resources & Wildlife Management 2 — Year

Course Number — *Course Title* — *1 credit*

Special Notation: Grades 11-12. This is the 3rd course of the Public Services Academy's Environmental Systems Pathway (11th or 12th Grade).

Natural Resources & Wildlife Management 2 is the third course in the Natural Resources Management program of study designed to inform students about the management of water, land, plant, and animal resources, including planning and conservation. Upon completion of this course, a proficient student will have working knowledge of management practices pertaining to water, minerals, land, plant, and wildlife and conservation practices.

Natural Resources Management Work-Based Learning

TAH4100 — **Year**

Course Number — *Course Title* — *1 credit*

Special Notation: Grade 12. This is the final **REQUIRED** course of the Public Services Academy's Environmental Systems Pathway (12th Grade).

Natural Resources Management: WBL is the capstone course in the Natural Resources Management program of study. It is intended to provide a work-based learning experience for students to develop further understanding of professional and ethical issues, utilize employability skills, and demonstrate mastery of academic and technical skills learned through the program of study. The work-based learning experience provides opportunities to apply and practice the knowledge and skills learned in previous courses and gives students hands-on practical experiences related to professions in natural resources management. Upon completion of the course, a proficient student will be able to discern multiple pathways to a career in natural resources management, necessary steps toward applying for a postsecondary credentialed program, necessary steps toward applying for a job, and reflect on program goals and aspirations.

Legal & Protective Services Pathway

Foundations of Legal & Protective Services (Foundations of Law & Public Safety)

TLL1000		Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grades 10 - 12. This is the 1st **REQUIRED** course of the Public Services Academy's Law & Protective Services Pathway (10th or 11th Grade).

Students will learn essential concepts to inform students about careers in law enforcement, legal, and correctional systems. This Level I course serves as the foundation course for the Pre-Law and Law Enforcement Services programs of study. Upon completion of the course, a proficient student will have foundational knowledge of local, state, and federal laws, concepts of criminal behavior and prevention, the judicial process and an understanding of key roles and responsibilities for occupations in law enforcement services and law. As part of a student's program of study progression, the student will create a digital program of study portfolio, providing evidence of mastery of course standards and readiness to advance and complete the program of study.

Legal & Protective Services 1 (Law Enforcement Services 1)

TLE2000		Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grades 11 - 12. This is the 2nd **REQUIRED** course of the Public Services Academy's Law & Protective Services Pathway (11th or 12th Grade).

Prerequisite: Successful completion of Foundations of Agriculture, Food & Natural Resources (TAO1000). Approval of instructor required.

A continuation of Foundations of Legal and Protective Services, this course is designed for students who are interested in a career in law enforcement, legal, and correctional systems. Upon completion of the course, a proficient student will be able to explain police procedures, sentencing protocols, communication strategies, and professionalism in law enforcement. This course will provide student readiness to advance to Legal and Protective Services Work Based Learning (WBL). As part of a student's program of study progression, the student will maintain a digital program of study portfolio, providing evidence of mastery of course standards and readiness to advance and complete the program of study.

Legal & Protective Services (Law Enforcement Services) Work-Based Learning

TLE4100		Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grade 12. This is the final **REQUIRED** course of the Public Services Academy's Law & Protective Services Pathway (12th Grade).

Law Enforcement Services: WBL is the capstone course in the Law Enforcement Services program of study. It is intended to provide a work-based learning experience for students to develop further understanding of professional and ethical issues, utilize employability skills, and demonstrate mastery of academic and technical skills learned through the program of study. The work-based learning experience provides opportunities to apply and practice the knowledge and skills learned in previous courses and gives students hands-on practical experiences related to aspects of the law enforcement services system and field of occupation. Law Enforcement Services: WBL 2 Upon completion of the course, a proficient student will be able to discern multiple pathways to a career in the law enforcement services system, necessary steps toward applying for a postsecondary program or training (Academy), necessary steps toward applying for a job, and reflect on program goals and aspirations. Instruction will be delivered through the classroom environment in conjunction with a workbased learning Preparation placement, such as an internship. The student will finalize a digital course portfolio providing evidence of mastery of program standards and readiness for postsecondary and the workforce.

Global CTE Courses Open to All Students

TBB1000 — Business Technologies (Foundations of Business & Marketing) — Year

Course Number | *Course Title* | *1 credit*

Special Notation: Grades 9 - 12. This course is **HIGHLY RECOMMENDED** for **ALL STUDENTS!**

Learning how to communicate in the business world is crucial to your success and survival on the job. Keyboarding skills, professionalism, employability skills, personal finance, public speaking, management, customer service and the job search process are topics covered in this class. **ENROLL IN THIS CLASS TO LEARN BASIC BUSINESS ETIQUETTE FOR ALL CAREERS!**.

TGG1104 — Employment Training (Advanced Guidance) Formerly Work-Based Learning — Semester

Course Number | *Course Title* | *0.5 credit*

Special Notation: Grade 10-12. The course is **HIGHLY RECOMMENDED** for **ALL ACADEMY STUDENTS** interested in seeking employment, internships and work-based learning experiences. This course is **REQUIRED** for students entering the Academy of Industry & Technology (11th Grade). Student may earn 1 credit at Hawai'i Community College.

JOB SEARCH 911!!! Are you in need of emergency assistance when it comes to job search skills? Enroll in this course and develop the necessary attitudes and skills needed to enter into the world of work successfully. Topics such as professional business attire, resume writing, job applications, interviewing skills, follow-up calls and more will be introduced in this **EXCITING** class! Listen to guest speakers, network with community members and businesses….get a head start in one of life's most important skills…obtaining and successfully maintaining employment. **INTERNSHIPS ARE NOT PART OF THIS CLASS**

ENGLISH LANGUAGE ARTS

Through an aligned curriculum of varied reading and writing experiences, the Waiākea High School English Language Arts Department prepares our diverse student body with communication skills to maximize their preferred futures.

English Honors is a fast-paced course in which students explore a multicultural survey of literature and language in all genres. For this reason, this course features the study of a wide variety of literary genres, purposes, and styles. Students complete ongoing, self-directed tasks in class and outside of class. Projects and assignments incorporate a variety of critical reading, writing, research, and analysis skills.

LCY1010 / LCY1010H — English Language Arts 1 (Grade 9) / English Language Arts 1 – Honors (Grade 9)

Course Number	*Course Title*	*1 credit*
		Year

Special Notation:

LCY1010 – Required class for graduation. Classes are heterogeneously grouped.
LCY1010H – Recommended for the highly motivated student. Approval of instructor required.
*Students in **English LA 1-Honors** are required to complete a summer reading/writing assessment*

This course utilizes the Common Core-based SpringBoard curriculum as a framework that provides practice in reading, writing, oral communication, rhetoric, literature, and language study. Implementation of AVID strategies, student-centered activities, and multi-modal assignments culminate in summative projects or embedded assessments. Assignments involving both independent and collaborative work include, but are not limited to, group performances, quizzes, tests, short responses, and argumentative essays in which students use critical thinking to analyze, interpret, and critique both fiction, and non-fiction texts.

LCY2010 / LCY2010H — English Language Arts 2 (Grade 10) / English Language Arts 2 – Honors (Grade 10)

Course Number	*Course Title*	*1 credit*
		Year

Special Notation:

LCY2010 – Required class for graduation. Classes are heterogeneously grouped.
LCY2010H – Recommended for the highly motivated student. Approval of instructor required.
*Students in **English LA 2-Honors** are required to complete a summer reading/writing assessment*

This course utilizes the Common Core-based SpringBoard curriculum as a framework to explore the thematic concept of culture and develop students' reading, writing, and speaking abilities. Students read and analyze a variety of literary genres and informational texts. Units include varied learning activities including vocabulary building, collaboration, discussion, and short responses. Units conclude with embedded writing assessments, including synthesis, argument, and literary analysis. Each academy section will include relevant and appropriate curriculum developed in alignment with pathway strands.

LCY20101 English Language Arts 2 for Academy of Industry & Technology
LCY20102 English Language Arts 2 for Health Services Academy
LCY20103 English Language Arts 2 for Public Services Academy
LCY20104 English Language Arts 2 for Arts & Communications Academy

LCY3010 / LCY3010H — English Language Arts 3 (Grade 11) / English Language Arts 3 – Honors (Grade 11)

Course Number	*Course Title*	*1 credit*
		Year

Special Notation:

LCY3010 – Required class for graduation. Can be used to meet the Expository Writing 1 graduation requirement. Classes are heterogeneously grouped.
LCY3010H – Recommended for the highly motivated student. Approval of instructor required.
*Students in **English LA 3-Honors** are required to complete a summer reading/writing assessment*

This course continues to build on students' reading, writing, and speaking abilities through American literature selections in poetry, prose, drama, and nonfiction. The range of American literature texts are based on text complexity, and historical and contemporary relevance. Students show their ability to analyze, evaluate, and synthesize evidence through various writing modes: analytical, informational, argumentative, narrative, and creative responses. Speaking and listening skills are evaluated through class discussions, group activities/projects, and formal presentations. Each academy section will include relevant and appropriate curriculum developed in alignment with pathway strands.

LCY30101 English Language Arts 3 for Academy of Industry & Technology
LCY30102 English Language Arts 3 for Health Services Academy
LCY30103 English Language Arts 3 for Public Services Academy
LCY30104 English Language Arts 3 for Arts & Communications Academy

LCY4010 English Language Arts 4 (Grade 12)
LCY4010H English Language Arts 4 – Honors (Grade 12)

Course Number	*Course Title*	*1 credit*

Special Notation:

LCY4010 – Required class for graduation. Can be used to meet the Expository Writing 1 graduation requirement. Classes are heterogeneously grouped.

LCY4010H – Recommended for the highly motivated student. Approval of instructor required. *Students in **English LA 4-Honors** are required to complete a summer reading/writing assessment*

This course continues to build on students' reading, writing, and speaking abilities with a range of poetry, prose, drama, and nonfiction that explore mature topics or themes relevant to seniors as they transition from high school to college or the workforce. Students show their ability to analyze, evaluate, and synthesize evidence through various writing modes: analytical, informational, argumentative, narrative and creative responses. Speaking and listening skills are evaluated through class discussions, group activities/projects, and formal presentations. Each academy section will include relevant and appropriate curriculum developed in alignment with pathway strands.

LCY40101 English Language Arts 4 for Academy of Industry & Technology
LCY40102 English Language Arts 4 for Health Services Academy
LCY40103 English Language Arts 4 for Public Services Academy
LCY40104 English Language Arts 4 for Arts & Communications Academy

Advanced Placement

LAY6010 Advanced Placement (AP) English Language & Composition

Course Number	*Course Title*	*1 credit*

Special Notation:

Grade 11. Students are required to take the College Board AP English Language & Composition exam in May for which college credit may be awarded. Can be used to meet the Expository Writing 1 graduation requirement. A completed AP Contract is required with the Course Request Form. Approval of instructor required.

LAY6010 is college composition course designed to challenge juniors capable of intensive reading and writing. The course focuses on rhetoric while promoting writing in many contexts for a variety of purposes. The course focuses predominantly on nonfiction texts, language as a persuasive tool, and the dynamic relationship of writer, context, audience, and argument. *Registration requires a written student /parent commitment and the completion of a summer reading/writing assignment*.

LAY6100 Advanced Placement (AP) English Literature & Composition

Course Number	*Course Title*	*1 credit*

Special Notation:

Grade 12. Students are required to take the College Board AP English Literature & Composition exam in May for which college credit may be awarded. Can be used to meet the Expository Writing 1 graduation requirement. A completed AP Contract is required with the Course Request Form. Approval of instructor required.

LAY6100 is a college literature course designed to challenge seniors capable of intensive reading and writing. The course engages students in the careful reading and critical analysis of imaginative literature and includes intensive study of representative works from various genres and periods. The course also focuses on the critical analysis of literature through intensive writing and discussion. *Registration requires a written student/parent commitment and the completion of a summer reading/writing assignment*.

Elective English

LTH5170 Hawaiian and Pacific Islands Literature Semester

Course Number *Course Title* *0.5 credit*

Special Notation: Grades 11 or 12. This course does not meet the English requirement *Recommended to be taken together with LWH5235 Creative Writing.*

Students will read representative selections from traditional and contemporary Hawaiian and Pacific literary traditions. Through their reading, discussion, and writing, students will develop an understanding of the scope and diversity of literary traditions of the Pacific and the effects of these traditions on the contemporary thought. Using personal, interpretive, and critical response to this literature, students will gain empathy and understanding of the world view of Pacific Islanders. Texts used will reflect traditional to contemporary Hawaiian Pacific Literature. For the purposes of this course, Hawaiian Pacific Literature is defined as literature written by indigenous people of the Pacific about their respective cultures, histories, perspectives, and experiences. Writing and oral communication support students' exposure to and experience of the selected works.

LVH5330 Group Communication and Leadership (Speech) Semester

Course Number *Course Title* *0.5 credit*

Special Notation: Grades 10 - 12. This course does not meet the English requirement. Recommended for **Academy of Industry & Technology** - With Employment Training - Adv Guidance (TGG1104)
Arts & Communications Academy - With either Physical Fitness for Life (PFP1310) or Employment Training - Adv Guidance (TGG1104)

This course is to practice and improve students' public speaking skills through informative, persuasive, and special occasion speeches. Students will research their topics, plan and practice timed speeches, and work toward mastery of their delivery skills for a variety of purposes with an awareness of audience. There will be some instruction in listening skills and small group communication.

LVH5370 Argumentation and Debate Semester

Course Number *Course Title* *0.5 credit*

Special Notation: Grades 10 - 12. This course does not meet the English requirement.

This course is designed for students who seek training and experience in debate. This class teaches students to research, organize, and shape arguments. Students learn the debate process, practice team and individual debates, and develop techniques of persuasion they can use throughout life.

LWH5235 Creative Writing Semester

Course Number *Course Title* *0.5 credit*

Special Notation: Grades 11 or 12. This course does not meet the English requirement. *Recommended to be taken together with LTH5170 Hawaiian and Pacific Island Literature*

This course emphasizes the use of the writing process to stimulate and develop students' creative expression. Students shape their ideas into a variety of forms and styles utilized in fiction, poetry, drama, and personal narrative. Students read literary selections in several genres for enjoyment and inspiration, and, most importantly, as a springboard for ideas and a source of models of good writing.

English Laboratory

LLH1013 (Sem 1)	**English LA (Grade 9) Laboratory A**	
LLH1014 (Sem 2)	**English LA (Grade 9) Laboratory B**	**Semester**
Course Number	*Course Title*	*0.5 credit each*

Special Notation: Grade 9. Courses must be taken together.

These courses support students who are enrolled in English 1 (Gr. 9). It provides additional instruction and support, where needed, to help students achieve the standards for three strands of the language arts: reading, writing, and oral communication. Instruction will be differentiated as appropriate for the needs of the students enrolled.

LLH2013 (Sem 1)	**English LA (Grade 10) Laboratory A**	
LLH2014 (Sem 2)	**English LA (Grade 10) Laboratory B**	**Semester**
Course Number	*Course Title*	*0.5 credit each*

Special Notation: Grade 10. Courses must be taken together.

These courses support students who are enrolled in English 2 (Gr. 10). It provides instruction on reading comprehension skills as well as writing skills. Extra support will be provided where needed, to help students achieve the standards for three strands of language arts: reading, writing, and oral communication. Instruction will be differentiated as appropriate for the needs of the students enrolled.

ONLINE SCHOOL (E-SCHOOL)

The Hawaii Department of Education (HIDOE) E-School provides standards-based, online classes for Hawaii's students. Students enrolled in any HIDOE public school can take these supplemental online courses in addition to their regular classes. E-School offers full-year, semester, and summer courses in English, science, social studies, science, world languages, mathematics, health, fine arts, and career and technical education. Advanced Placement courses are also offered in all subjects except health. Students should review course offerings with their counselor to determine if the student would benefit from E-School. Students can also take a short quiz to see if they are "E-School Ready" (**https://tinyurl.com/y3dj9z7x).**

Students must have approval of parents and counselor before registering. Students register through the Librarian who is the E-School Site Facilitator. For more information see: **https://tinyurl.com/y5kf6eoh**

Students who participate in E-School must agree to the following rules and expectations:

1. **Complete a Required Orientation Training -** All E-School students must successfully complete online training for using Blackboard, Hawaii's Virtual Learning Network (HVLN)/E-School's course management system.
2. **Supply Hardware and other computer requirements -** To be able to access course information, the following equipment, computer systems, and technical specifications are required: headphones w/microphone, high bandwidth connectivity (cable modem), a computer that's no more than 3 years old, and a speedy computer that can also input and output sound.
3. **Complete Required Forms**
   AUP (Acceptable Use Policy) – E-School expects a student to follow the AUP policy of their school.
   If taking an AP Course, a completed AP Contract is required prior to registering for the course.
4. **Provide a Working Email Address**
5. **Follow the HIDOE Code of Conduct**
6. **Attend class regularly**: Students are expected to log into their courses DAILY (1-2 hours at a time), actively engage in course work, check into their course messaging system while they are in the course, and meet all assignment deadlines.

ENGLISH FOR LANGUAGE LEARNER (ELL)

All students whose first acquired or most often used language is other than English, or who come from homes where a language other than English is most often used, will be considered as potential ELL Program students. Based on the **Identification, Assessment, and Programming System for Students of Limited English**, the goals of the ELL Program are to assist students to:

1. Acquire a level of English proficiency which will provide them with an equal opportunity to succeed in the regular education program;
2. Acquire a level of achievement in language and reading which will enable them to succeed in the regular education program; and
3. Develop an understanding of an appreciation for diverse cultures in Hawai'i.

The school is committed to develop the English language skills of every ELL student in areas of listening, speaking, reading, and writing to achieve the goals of the ELL Program.

LCY1010J	**English Language Arts 1 – Grade 9**	
LCY2010J	**English Language Arts 2 – Grade 10**	
LCY3010J	**English Language Arts 3 – Grade 11**	
LCY4010J	**English Language Arts 4 – Grade 12**	**Year**
Course Number	*Course Title*	*1 credit each course*

Special Notation: Grade 9-12. Course is taught by the ELL teacher. See English Language Arts (p. 37-39) section for full course description.

Prerequisite: Approval of ELL teacher required.

These courses emphasize both writing and reading skills for success in mainstream classes. Students will learn reading strategies to use with a broad range of fiction and nonfiction texts and will respond orally and in written form. They will further develop academic writing skills by improving language mechanics and standard grammar.

LLH1013J/1014J	**English LA (Grade 9) Laboratory A/B**	
LLH2013J/2014J	**English LA (Grade 10) Laboratory A/B**	
LLH3013J/3014J	**English LA (Grade 11) Laboratory A/B**	
LLH4013J/4014J	**English LA (Grade 12) Laboratory A/B**	**Semester**
Course Number	*Course Title*	*0.5 credit each*

Special Notation: Grade 9-12. Course taught by the ELL teacher.

Prerequisite: Approval of ELL teacher required.

These courses support ELL students. It provides additional English instruction and support, where needed, to help students achieve the standards for three strands of the language arts: reading, writing, and oral communication. Instruction will be differentiated as appropriate for the needs of the students enrolled.

FINE ARTS

VISUAL ARTS:

Visual arts are distinguished in the school curriculum because they deal with attitudes, emotions, and intuition. The study of art in a historical and humanistic context is addressed as well as perceptions, forms, and images in our visual environment. Students learn through art production; study art in its historical and cultural contexts; engage in art criticism; and make aesthetic judgments. The curricula is based on the State of Hawai'i Visual Arts Content standards. Assessment of student coursework includes performance of the General Learner Outcomes. All Gifted and Talented students can be serviced through the Directed Studies courses. Arts education develops skills of communication, critical thinking, problem-solving and creativity. All of these skills are needed for students to succeed in the competitive global economy and work place. Through the arts, students also gain life skills such as the ability to collaborate with others, the value of practice, and the need for perseverance and hard work to achieve a quality product. All students should have the opportunity to learn in and through the arts.

FVB1000 General Art 1 Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 9 – 12. A $20 fee will be assessed for expendable materials/supplies.

An introduction to art offering exploration with a variety of art media and techniques for personal expression and providing further opportunities for students to apply the elements and principles of design in imaginative solutions to visual problems. Art forms of historical periods and diverse cultures are also studied as contextual introductions to art processes. The second semester will develop the student's creative potential to a higher degree of proficiency and sophistication. Curriculum is based on visual arts content standards.

FVB2000 General Art 2 Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 10 – 12. A $20 fee will be assessed for expendable materials/supplies**.**

Prerequisite: Satisfactory completion of General Art 1.
Approval of instructor required.

This course provides further opportunity to strengthen and refine productive skills and increase knowledge about art, art history, and the visual artifacts of diverse cultures. Students are encouraged to examine the artworks of others and refine skills in a selected mode of expression. Curriculum is based on visual arts content standards**.**

FVB3000 General Art 3 Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 11 – 12. A $20 fee will be assessed for expendable materials/supplies**.**

Prerequisite: Satisfactory completion of General Art 2.
Approval of instructor required.

This course provides a more in-depth development and refinement of skills in a variety of art media and techniques that emphasizes individual style and personal expression. Students will be gain a deeper understanding and appreciation for historical periods, artifacts and diverse cultures. Curriculum is based on visual arts content standards**.**

FVQ1000 Drawing and Painting 1 Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 9 – 12. A $20 fee will be assessed for expendable materials/supplies.

This course is an introduction to drawing and painting. Experiences include experimentation in wet and dry media such as pencil, pen, brush and ink, conte' crayon, and chalk; and media such as water color, tempera, synthetics, acrylics, and mixed media. Activities emphasize the development of each student's technical skills and interpretation of one's own expression.

FVQ2000 Drawing and Painting 2 Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 10 – 12. A $20 fee will be assessed for expendable materials/supplies**.**

Prerequisite: Satisfactory completion of Drawing and Painting 1.
Approval of instructor required.

This is an intermediate course designed to expand development of individual style, skills, attitudes, and knowledge learned in Drawing and Painting I. Drawing and painting experiences may emphasize a particular medium, specialized subject matter, or how drawing and painting experiences relate to art appreciation, art history, and theory. Curriculum emphasizes portfolio development and rigorous studio discipline**.**

FVQ3000 Drawing and Painting 3 Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 11 – 12. A $20 fee will be assessed for expendable materials/supplies**.**

Prerequisite: Satisfactory completion of Drawing and Painting 2.
Approval of instructor required.

This is an advanced course with continuing emphasis on developing student's individual style of creative expression in one or more modes of expression. The course is designed to prepare students for continued study in an art school, college, or university. Curriculum is based on visual arts content standards**.**

FVL1000 Ceramics 1 Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 9 – 12. A $20 fee will be assessed for expendable materials/supplies.

Ceramics 1 is an introductory course which is exploratory and experimental in scope, allowing discovery of potentialities and limitations of clay as a medium for art expressions. Basic skills and methods in hand-building techniques involving pinch, coil, slab, and free form modeling are covered. Introduction to glazes, glazing techniques, and methods of surface decorations are explored.

FVL2000 Ceramics 2 Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 10 – 12. A $20 fee will be assessed for expendable materials/supplies**.**

Prerequisite: Satisfactory completion of Ceramics 1.
Approval of instructor required.

This is an intermediate course offering a review and refinement of skills and methods in hand-building, and wheel throwing techniques, glazing, and surface decorations**.**

FVL3000 Ceramics 3 Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 11 – 12. A $20 fee will be assessed for expendable materials/supplies**.**

Prerequisite: Satisfactory completion of Ceramics 2.
Approval of instructor required.

This is an advanced course with continuing emphasis on developing a student's individual style of creative expression in one or more modes of expression. The course is designed to prepare students for continued study in an art school, college, or university. Curriculum is based on visual arts content standards**.**

FVP1000 Photography 1 Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 9 – 12. **Students must provide their own digital camera** with at least a 1GB memory card, and regular internet access. A $20 fee will be assessed for other expendable materials/supplies.

This is an introductory course to digital photography as an art which includes basic techniques in composition, exposure lighting, camera care and operation, instruction in digital manipulation, and studio work. Students in the class will create and maintain an online portfolio.

FVP2000 Photography 2 Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 10 – 12. **Students must provide their own digital camera** with at least a 1GB memory card, and regular internet access. A $20 fee will be assessed for other expendable materials/supplies**.**

Prerequisite: Satisfactory completion of Photography 1.
Approval of instructor required.

This is an intermediate course in Photography as an art, which includes measured and controlled use of light, time, filters and digital techniques. Individual projects will include experiments with portraits, advertising and action photography, narrative photography, and the photo essay. Students in the class will create and maintain an online portfolio**.**

FVP3000 — Photography 3 — Year

Course Number — *Course Title* — *1 credit*

Special Notation: Grades 11 – 12. **Students must provide their own digital camera** with at least a 1GB memory card, and regular internet access. A $20 fee will be assessed for other expendable materials/supplies**.**

Prerequisite: Satisfactory completion of Photography 2.
Approval of instructor required.

This is an advanced course that further develops skills and techniques learned in Photography 1 and 2 and offers new ideas and techniques utilized in contemporary photography. It is designed to emphasize the use of imaging processes as creative and vital forms of visual communication. A focus is on portfolio development and developing a personal website**.**

FVD1000C/D/G/P — Directed Study in Art — Year

Course Number — *Course Title* — *1 credit*

Special Notation: Grades 11 – 12. Students will be screened using a set criterion and must present a portfolio of work to the instructor before being enrolled. A $20 fee will be assessed for expendable materials/supplies**.**

Prerequisite: **Approval of art instructor and screening committee**.

C - Ceramics D - Drawing and Painting G - General Art P - Photography

This seminar course includes studio experiences. Opportunity is provided for in-depth study in a selected mode of expression. Visual, oral, and written presentations should result from personal inquiry and investigative research. Students must demonstrate evidence of high self-motivation and sustained interest in creating and producing works of art in various art forms. Curriculum is based on visual arts content standards**.**

MUSIC:

Students may be involved in a variety of musical experiences with our active music programs. In-class learning, and for some classes, outside performance activities work to promote musical goals. Students work on the National Core Music Standards adopted by the National Association for Music Education (NAfME). These standards range from singing, to playing, to composing music, and are applied as suits the need of the class. Students may be required to participate in formal concerts, marching band and pep-band situations, choral festivals or school performances for a well-rounded musical experience. Fundraisers will be available to assist the student in defraying personal costs of participation in the programs, if there should be a need.

FMA1000 — Music Appreciation — Year

Course Number — *Course Title* — *1 credit*

Special Notation: Grades 9 – 12. A $10 fee will be assessed for access to Soundtrap, a cloud-based Digital Audio Workstation that students will compose music with throughout the course.

This is an introductory course designed to provide all students, regardless of musical background, with the opportunity to explore the world of music. The course contains an overview of simple musical theory, musical genres, music history, and popular music. Creating, performing, responding and connecting to music is part of the course learning experience.

FMB1000 — Introductory Band — Year

Course Number — *Course Title* — *1 credit*

Special Notation: Grades 9 – 12. A $20 fee may be assessed for instrument maintenance. Students must provide their own mouthpiece or drumsticks as well as small accessories (neck strap, swabs, valve oil). The school provides instruments as available. Students that have their own instrument may keep it in the teacher's office.

This is a beginning band program designed for students who are interested in learning to play an instrument. Attention will be focused on learning musical notation, development of technical skills, and developing playing techniques and embouchures.

FMB2000 Band 1
FMB3000 Band 2 Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 9 – 10. A $20 fee may be assessed for instrument maintenance. Students must provide their own mouthpiece or drumsticks as well as small accessories (neck strap, swabs, valve oil). The school provides instruments as available. Students that have their own instrument may keep it in the teacher's office. This class may meet after school prior to performances as needed with prior notice**.**

Prerequisite: Successful completion of previous level or its equivalent.
Students in grades 11-12 may enroll in these courses upon instructor approval.
Approval of instructor required.

This band course is designed for students who have fulfilled the requirements of Beginning Band and Intermediate Band or its equivalent. Students will build upon their basic musicianship skills from middle school and begin to develop their high school ensemble skills. Continued development of skills and understanding is maintained through studying of complex exercises and performing appropriate music literature. Students develop listening skills to increase understanding of tonality, style, dynamic nuances, and interpretation of various styles of music (including contemporary, avant-garde, and ethnic music). Performances for school and public are an integral part of the program. Original band literature, arrangements, and orchestral transcription from Grades I to IV are included for study and performance. Students will also learn basic concepts of music theory, music's historical, social, and cultural role in society, and will develop their singing skills.

FMB4000 Band 3
FMB5000 Band 4 Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 9 – 12. A $20 fee may be assessed for instrument maintenance. Students must provide their own mouthpiece or drumsticks as well as small accessories (neck strap, swabs, valve oil). The school provides instruments as available. Students that have their own instrument may keep it in the teacher's office. This class may meet after school prior to performances as needed with prior notice**.**

Prerequisite: Successful completion of previous level or its equivalent.
Students in grades 9-10 may enroll in this level upon instructor approval.
Approval of instructor required.

The Band course is designed for students who have fulfilled the requirements of Band 1 and Band 2 or its equivalent. Students will continue to improve their technical facility on their individual instrument as well as their ensemble skills. Continued development of skills and understanding is maintained through the studying of complex exercises and performing appropriate music literature. Students develop listening skills to increase understanding of tonality, style, dynamic nuances, and interpretation of various styles of music (including contemporary, avant-garde, and ethnic music). Performances for school and public are an integral part of the program. Original band literature, arrangements, and orchestral transcription from Grades I to IV are included for study and performance. Students will also learn basic concepts of music theory, music's historical, social, and cultural role in society, and will develop their singing skills.

FMC1000 Chorus 1 Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 9 – 12.

This is a choir program designed to introduce singing to all grades and varieties of students, develop performance skills, teach musical notation, and expands basic vocal skills. Musical arrangements from a variety of genres and time periods are sung in unison and simple harmony. Solo and ensemble singing are performed.

FMC2000 **Chorus 2**
FMC3000 **Chorus 3**
FMC4000 **Chorus 4** **Year**

Course Number *Course Title* *1 credit*

Special Notation: Grades 9 – 12.

Prerequisite: Satisfactory completion of previous level or outside choral experience.
Approval of instructor required.

This is a choral program designed to teach beyond basic singing technique. Music of all genres, time periods, and ethnic groups will be performed and studied. Students will match pitches, demonstrate rhythms, and demonstrate understanding of musical notation. Solo, two-part, three-part, and four-part harmonies are practiced and performed**.**

FMN1000 **Symphonic Band 1**
FMN1300 **Symphonic Band 2**
FMN1600 **Symphonic Band 3**
FMN1900 **Symphonic Band 4**

Course Number *Course Title* *1 credit*

Special Notation: Grades 9 – 12. A $10 fee may be assessed for instrument maintenance. These are after-school courses offered on Tuesdays & Thursdays from 2:30 - 4:00 PM. The AIM policy applies.

Prerequisite: Satisfactory completion of previous level.
Approval of instructor required

This band program is designed to continue musical development. Various levels of difficulty and styles of band literature are studied for performance.

FML1000 **Ukulele 1**
FML2000 **Ukulele 2**
FML3000 **Ukulele 3**
FML4000 **Ukulele 4** **Year**

Course Number *Course Title* *1 credit*

Special Notation: Grades 9 – 12. Due to limited numbers of school ukuleles, it is highly recommended that students provide their own ukulele

Prerequisite: Satisfactory completion of previous level.
Approval of instructor required for levels 2, 3 and 4.

These courses are designed to provide students with the opportunity to develop skills in ukulele playing. Students will be involved with performing, listening to, and evaluating ukulele music. Performances may be required. The instructor may select additional national music standards appropriate for the course and may integrate other Fine Arts standards.

FMD1000 **Directed Study in Music - 1**
FMD2000 **Directed Study in Music - 2** **Year**

Course Number *Course Title* *1 credit*

Special Notation: Grades 11 or 12.

Prerequisite: Approval of instructor required.

The unique interests and skills of students can be met through independent or group study. With the approval and guidance of the teacher, the student develops a projected plan of study to pursue his/her specialized area of interest consistent with the music standards.

DRAMA AND THEATRE

FTA1300 **Beginning Acting** **Year**

Course Number *Course Title* *1 credit*

Special Notation: Grades 9 – 12. A $10 fee may be assessed**.**

Beginning Acting focuses on pantomime, creative dramatics, and improvisation. Students are taught basic techniques of pantomime and practice these techniques through simple story dramatizations and improvisations. Body and vocal exercises are included, along with techniques of relaxation and increasing sensory awareness.

FTA2000 / FTA3000	Intermediate Acting / Advanced Acting	Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grades 10 - 12. A $10 fee may be assessed

Prerequisite: Approval of instructor required.

Body and vocal exercises are continued with emphasis on some basic acting principles. Stage business and movement, pointers on characterizations, interpretation and analysis of roles, and vocal and emotional projection are taught. Students are given opportunities for practice, guidance, and training in these areas and perform in directed class scenes.

FTD1000	Directed Studies in Drama and Theatre	Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grade 12. A $10 fee may be assessed

Prerequisite: Approval of instructor required.

This course is provided to meet the unique interest and skills of students through independent or small group study. The instructor will select drama standards appropriate for students and may integrate other Fine Arts standards.

DANCE EDUCATION

FDK1000 / FDK2000 / FDK3000	Hawaiian Dance 1 / Hawaiian Dance 2 / Hawaiian Dance 3	Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grades 9 – 12.

Prerequisite: Satisfactory completion of previous level.
Approval of instructor required for levels 2 and 3.

Hawaiian Dance 1 is a beginning course designed to provide students opportunities to learn the historical, cultural, and expressive significance of the hula. The course will cover the basic steps and hand gestures, body stance, and positioning of hula ‘auana and hula kahiko routines. Instruments will be introduced at appropriate levels. **Hawaiian Dance 2, 3** provides further opportunity to strengthen and refine dancing skills.

HEALTH and PHYSICAL EDUCATION

Program Goals

The Waiākea High School Physical Education Department has the following goals for all students:

1) Achieve state standards as established by the Hawai'i Content and Performance Standards III.
2) Educate students about how to develop and maintain physical fitness.
3) Provide students with a wide variety of activities, thus leading to a lifetime of enjoyment and good health

Requirements, Expectations, and Evaluation

Students will be required to participate in class activities regularly and to dress out in an appropriate PE uniform.

Physical Education uniforms consist of blue athletic shorts, a gray T-shirt, and athletic shoes. Shirts and shorts are available for purchase.

Required Courses:

PEP1005	Physical Education – Lifetime Fitness	Semester
Course Number	*Course Title*	*0.5 credit*

Special Notation: Grade 9. Prerequisite for all Physical Education - Lifetime Activities (PEP1010).

This standards-based course is designed to integrate physical activity and personal fitness by exposing students to the wide range of physical activity resources available in their school and community. Students will self-assess their personal fitness level, document their physical activity and develop a four year personal fitness plan, which will project the student's personal fitness activity through grade 12. All classes include general conditioning principles and concepts as well as activity specific conditioning principles and concepts.

HLE1000	Health – Today and Tomorrow	Semester
Course Number	*Course Title*	*0.5 credit*

Special Notation: Grade 10. Prerequisite for all Health Elective Courses.

Students in this course develop and practice skills that will promote healthy behavioral choices. Students engage in in-depth discussion and exploration of current issues and health trends for adolescents. Content risk areas include, but are not limited to: Injury and Violence Prevention, Tobacco Use Prevention, Alcohol and Other Drug Use Prevention, Sexual Health, Nutrition, Physical Activity, Mental Health, Personal and Consumer Health, and Community and Environmental Health. Emphasis will be placed on the application of standards-based health knowledge and skills in making healthy personal choices, and in advocating for the health of others.

PEP1010	Physical Education – Lifetime Activities	Semester
Course Number	*Course Title*	*0.5 credit*

Special Notation: Grade 10. Prerequisite for all other PE Courses.

Prerequisite: Successful completion of Physical Education – Lifetime Fitness (PEP1005)

This standards-based course further develops and strengthens physical movement forms, concepts, principles, and skills through participation in a variety of physical fitness experiences. Emphasis is placed on the acquisition of skills, understanding of rules and strategy, ability to work together, and the application of knowledge into game situations. Students assess personal levels of physical fitness and physical activity and apply this knowledge to future physical activity pursuits.

Basic Elective Courses:

PIP1610 Individual and Dual Sports 1
PIP1620 Individual and Dual Sports 2
PIP1630 Individual and Dual Sports 3 **Semester**

Course Number *Course Title* *0.5 credit each semester*

Special Notation: Grades 11 - 12.

Prerequisite: Successful completion of Physical Education – Lifetime Fitness (PEP1005) and Physical Education - Lifetime Activities (PEP1010)
Approval of instructor required.

These courses are designed to provide students with the opportunity to enhance their level of physical ability in various individual or dual activities. Programs will be based on individual student's health, fitness, interest, and recreational needs after graduation.

PTP1640 Team Sports 1
PTP1650 Team Sports 2
PTP1660 Team Sports 3 **Semester**

Course Number *Course Title* *0.5 credit each semester*

Special Notation: Grades 11 - 12.

Prerequisite: Successful completion of Physical Education – Lifetime Fitness (PEP1005) and Physical Education - Lifetime Activities (PEP1010)
Approval of instructor required.

These courses are for students who want to improve their knowledge and skills in team sports. Students will learn to participate as a team while accepting the ability of their teammates. Acquisition of safety procedures, game rules, regulations, and team strategy will be stressed. The following sports will be included: softball, flag football, volleyball, and basketball.

PWP1210 Weight and Resistance Training 1A
PWP1220 Weight and Resistance Training 1B
PWP1230 Weight and Resistance Training 2A
PWP1240 Weight and Resistance Training 2B **Semester**

Course Number *Course Title* *0.5 credit each semester*

Special Notation: Grades 11 - 12.

Prerequisite: Successful completion of Physical Education – Lifetime Fitness (PEP1005) and Physical Education - Lifetime Activities (PEP1010)
Approval of instructor required.

A series of courses designed sequentially and progressively to help each student develop a weight training routine, which meets the individual's needs. Emphasis will be on helping students understand and apply weight training principles in the development of strength and endurance.

Elective Courses:

PLP1710 Recreational Leadership Semester

Course Number *Course Title* *0.5 credit*

Special Notation: Grades 11 or 12. Courses are offered each semester. **Highly recommended for Health Services Academy** students.

Prerequisite: Approval of instructor required.

This standards-based course is designed for those students who are interested in careers in the physical activity, movement, and educational fields of study. Responsibilities include assisting the physical education teacher with class instruction, equipment and classroom monitoring, and schoolwide physical activity promotion and organization. Emphasis will be placed on knowledge acquisition, presentation and leadership skills, and classroom management support.

HLE5000 Health Strategies Semester

Course Number *Course Title* *0.5 credit*

Special Notation: Grades 11 - 12. Courses are offered each semester. **Highly recommended for Health Services Academy** students.

Prerequisite: Successful completion of Health-Today and Tomorrow (HLE1000)
Approval of instructor required.

Instructional emphasis will be placed on students analyzing their current health practices and developing the knowledge and skills to improve their health. Content areas may include Injury and Violence Prevention, Tobacco Use Prevention, Alcohol and Other Drugs Prevention, Sexual Health, Nutrition, Physical Activity, Mental Health, Personal and Consumer Health, and Community and Environmental Health.

MATHEMATICS

Due to the sequential nature of mathematics education, each math course requires the recommendation of a math teacher. The recommendation is based on student's aptitude, work habits, and mastery of the preceding math course. For those students thinking of college, most 4-year universities require up to high school Algebra 2.

Grade Level	Recommended Course	Elective (support)
9	Algebra 1	Math Workshop
10	Geometry	
	Geometry (In Construction)	
11	Algebra 2	Math Workshop
12	*MOW 2	
	Introduction to College Math	
	Algebra 3 / Statistics	

Accelerated Program	
Geometry H	Algebra 1 H
Algebra 2 H	Geometry H
Trigonometry H/ Pre-Calculus H	Algebra 2 H
AP Calculus AB	Trigonometry H/ Pre-Calculus H

Teachers may ask students to register for **Math Workshop** if they feel additional help may be needed in assisting the student to pass their registered math class.

*** MOW 2** is for students who have repeated Algebra 1 and/or Geometry and require a 3rd math credit

MAX1155 / MAX1155H — Algebra 1 / Algebra 1 H (Honors) — Year

Course Number | *Course Title* | *1 credit*

Content of this course focuses on modeling with functions, linear functions, quadratic functions, solving equations and inequalities in two variables (including systems of equations), and analyzing bi-variate data to identify and explain apparent relationships. Learning opportunities will support students in understanding and describing symbolic, graphical, numeric (tabular) and verbal representations of important mathematical ideas. Conceptual understanding, fluency with procedures and skills, and application of knowledge will be emphasized throughout the course. Student performance on the Algebra 1 End of Course Exam will account for 10% of the year grade.

Algebra 1 H covers the same standards as Algebra 1 with added material (both depth and breadth) as time permits and at a faster pace. Recommended for the advanced math student who would benefit from an accelerated program in algebra.
For incoming 9th grades: A test is available for non-Waiākea Intermediate School students to assist with determining Waiākea High School's recommendation for math placement.

MGX1150 — Geometry — Year

Course Number | *Course Title* | *1 credit*

Prerequisite: Successful completion of Algebra 1.

The emphasis of this course is on understanding and use of relationships among points, lines, and figures. These include properties of various figures, relations among lines such as parallelism, intersections, concurrency and perpendicularity, and relations among figures such as congruence, similarity, symmetry, and rigid motions. Concepts and processes are further developed and extended to include the following content: right triangle relationships, trigonometric relationships, circle relationships, constructions, three-dimensional figures, coordinate geometry, and transformations.

MGX 11506 Geometry (In Construction): This course must be taken concurrently with TCF10006 Foundations of Construction. Math concepts are applied in the Foundations of Construction class. Approval of present math instructor.

MGX11501 Geometry for Academy of Industry & Technology: The curriculum provides clear examples of geometry being applied within the Academy's Pathways. Trigonometry vector analysis for construction and electrical engineering. Volume as applied to various trades as well as civil engineering.

MGX11502 Geometry for Health Services Academy: Throughout the course, emphasis will be placed on the manipulation of angles for the purpose of rehabilitation and improving the physical performance of the body.

MGX11503 Geometry for Public Services Academy: Elements of critical thinking, deductive and inductive reasoning will be emphasized.

MGX11504 Geometry for Arts & Communications Academy: Principles of design and communication are incorporated into the curriculum.

MGX1150H Geometry H (Honors)
MGX1150H6 Geometry In Construction - Honors

Course Number | *Course Title* | *1 credit* | **Year**

Prerequisite: Approval of present math instructor.

Geometry H covers the same standards as Geometry with a heavy emphasis on proof and logical reasoning, as well as a more challenging set of problems. It is much more rigorous and only recommended for the advanced math student who would benefit from an accelerated program in geometry. **For incoming 9th grades:** A test is available for non- Waiākea Intermediate School students to assist with determining Waiākea High School's recommendation for math placement.

Geometry In Construction - Honors: This course must be taken concurrently with TCF10006 Foundations of Construction

MAX1200 Algebra 2
MAX1200H Algebra 2 H (Honors)

Course Number | *Course Title* | *1 credit* | **Year**

Prerequisite: Successful completion of Algebra 1 AND Geometry.
Approval of present math instructor.

The Algebra 2 course extends the algebraic skills and knowledge developed in Algebra 1 by exploring the real number system in greater depth, providing exposure to various algebraic techniques, and developing the concept of function, including graphing techniques and inverse functions. This course includes the following topics: 1. Review of Algebra 1 (quadratic & linear functions), 2. General Properties of Functions (modeling, graphically solve equations, domains & composition, transformations, inverses, and function representations) and 3. Families of Functions (polynomial, rational, exponential, and logarithmic).

Algebra 2 H has the same standards as Algebra 2 with added material (both depth and breadth) as time permits and at a faster pace. Recommended for the advanced math student.

MAX12001 Algebra 2 for Academy of Industry & Technology: Examples and projects from the Academy Pathways
MAX12002 Algebra 2 for Health Services Academy: Examples and projects from the Academy Pathways
MAX12003 Algebra 2 for Public Services Academy: Examples and projects from the Academy Pathways
MAX12004 Algebra 2 for Arts & Communications Academy: Examples and projects from the Academy Pathways

MSW10091/2 Mathematics Workshop – (Algebra 1)
MSW10111/2 Mathematics Workshop – (Algebra 2)

Course Number | *Course Title* | *0.5 credit each* | **Semester**

Special Notation: These courses are supplemental, repeatable, and for ***elective*** credit only.

Prerequisite: Approval of present math instructor.

This course is designed for students who need to strengthen their understanding of mathematical concepts in each of the mathematics strands: Number and Operations; Measurement; Geometry and Spatial Sense; Patterns, Functions, Algebra, Data Analysis, Statistics, and Probability. Concepts are systematically developed using concrete materials, multiple representations and symbols. Course is taught in collaboration with the Algebra math programs.

MIC1200 Introduction to College Mathematics

Course Number | *Course Title* | *1 credit* | **Year**

Special Notation: Grade 12. Successful completion of Algebra 2.

Prerequisite: Approval of present math instructor.

The course will focus on topics from the Algebra, Functions, Geometry, and Statistics domains of the Common Core State Standards with an emphasis on mathematical modeling and quantitative reasoning. Students will extend their understanding of high school mathematics concepts and apply that understanding in real-world problem solving situations and in purely mathematical contexts. This course is for 12th graders who have been identified as students who are intending to go to college and could benefit from intensive course work to ensure their preparation for credit-bearing mathematics courses, specifically MATH 100, MATH 111 (for elementary education majors), or Introduction to College Statistics at any of the ten University of Hawai'i campuses. In order to qualify for automatic placement in the above math courses, the following requirements must be met: receive a score of 2 or higher on the 11th grade Smarter Balanced Math assessment AND receive a grade of B or better in Introduction to College Math. This course WILL fulfill the 4th year mathematics credit that is required for the Honors Recognition Certificates.

MAX1310	Algebra 3	
MXX1300	Statistics	Semester
Course Number	*Course Title*	*0.5 credit each*

Prerequisite: Successful completion of Algebra 2
Approval of present math instructor.

Algebra 3 is designed to provide opportunities for students to strengthen algebraic concepts and skills. Content includes: Matrices and linear systems, exponential and logarithmic functions and inverses, sequences and series, rational functions and basic trigonometry.

Statistics provides students with an introduction to statistical issues and concerns and presents strategies for analyzing and interpreting data. Graphs and charts, collection and organization of data, frequency distribution, correlation and regression are some of the topics covered.

MAX1180	Modeling Our World 2	Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grade 12. Recommended for students who repeated Algebra 1 and/or Geometry and require a third math credit.

Prerequisite: Approval of present math instructor.

The course focuses upon the use of modeling to represent mathematical and real-world contexts. The application and creation of mathematical models engages students in learning experiences that relates classroom mathematics to everyday life and decision-making. The content of the course focuses on specific learning expectations defined in the Common Core State Standards for high school mathematics, particularly those standards emphasizing the use of mathematical modeling with linear, exponential, quadratic and rational functions. This course is not equivalent to Algebra 2.

MCX1010H	Trigonometry H (Honors)	
MCX1020H	Pre-Calculus H (Honors)	Semester
Course Number	*Course Title*	*0.5 credit each*

Prerequisite: Successful completion of Geometry H and Algebra 2 H
Approval of present math instructor.

Trigonometry includes the study of trigonometric functions, fundamental identities, trigonometric equations, inverse trigonometric functions, and applications including vectors, trigonometric and polar forms of complex numbers.

Pre-Calculus is designed for students who plan to study calculus. It includes graphs and properties of algebraic functions, transcendental functions, and the conics. Additional emphasis is placed on integration of appropriate technology.

Advanced Placement:

MCA1040	Calculus AB – Advanced Placement	Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grades 11 or 12. Successful completion of Geometry H, Algebra 2 H, Trigonometry H and Pre-Calculus H.
Students are required to take the College Board AP Calculus exam in May for which college credit may be awarded.
A completed AP Contract is required with the Course Request Form.

Prerequisite: Approval of present math instructor and AP instructor.

This course is equivalent to a college-level course in Calculus. It is designed for the very able student who is expected to have a strong background in Algebra, Geometry, Trigonometry, and Pre-Calculus. Main ideas are limits, derivatives and integration. This course's syllabus is approved by the Advanced Placement program of the College Board.

SCIENCE

The Science program of study at Waiākea High School provides learning experiences for *all* students to develop scientific literacy so that they may maintain and improve the quality of their lives and participate effectively as members of a global society. Instructional experiences are designed to help students meet the Science Content Standards and the following goals:

1. To understand and apply the processes, ways of thinking and dispositions that humans have while investigating the natural world.
2. To understand and apply the knowledge we know today about the world around us to our curiosities and in our daily lives.

SPH2603 — Physical Science — Year

Course Number | *Course Title* | *1 credit*

Special Notation: Grade 9. Recommended for all students in order to complete the first of the three science requirements.

This content-focused course serves as a foundation for biology, chemistry, and physics. The course introduces modern principles and concepts of physical science through involvement in laboratory activities.

SLH2203 / SLH2203H — Biology 1 / Biology 1H (Honors) — Year

Course Number | *Course Title* | *1 credit*

Special Notation: Grades 9 - 12. Required for graduation. This course fulfills the lab science requirement for students who plan to go to college.
H- an accelerated and intensive course for the highly motivated student.

Prerequisite: Approval of present science teacher for Honors level is recommended.

This is a laboratory course to develop understanding of fundamental life processes, relationships between structure and function, relationships between organisms and their biological and physical environments, environmental adaptations, classification, reproduction, genetics and evolution. Emphasis is on the use of scientific investigations to develop inquiry process skills and strategies and to clarify the basic concepts of life and the impact of humans and technology on the quality of life. *15% of the year grade will be attributed to student performance on the Biology End of Course Exam*. Each Academy section will include examples and projects from the academy pathways.

SLH22031 Biology 1 for Academy of Industry & Technology
SLH22032 Biology 1 for Health Services Academy
SLH22033 Biology 1 for Public Services Academy
SLH22034 Biology 1 for Arts & Communications Academy

SPH3503 / SPH3503H — Chemistry / Chemistry H (Honors) — Year

Course Number | *Course Title* | *1 credit*

Special Notation: Grades 10 - 12. This course fulfills the lab science requirement for students who plan to go to college.
H- an accelerated and intensive course for the highly motivated student.

Prerequisite: Approval of present science teacher for Honors level is recommended.

This course is a standard high school chemistry course which is laboratory and inquiry-based. Emphasis is on the use of scientific investigations to develop inquiry process skills and strategies and to clarify the basic chemistry concepts. These concepts include types of chemical reactions, Conservation of Energy, entropy, thermal energy and phase change, properties of waves, electromagnetic radiation, periodic table organization, chemical reaction rates, chemical bonding, nuclear reactions and energy. Each Academy section will include examples and projects from the academy pathways.

SPH35031 Chemistry for Academy of Industry & Technology
SPH35032 Chemistry for Health Services Academy
SPH35033 Chemistry for Public Services Academy
SPH35034 Chemistry for Arts & Communications Academy

SPH5603 Physics
SPH5603H Physics H (Honors) Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 11 or 12. Recommended for students who planning to pursue related fields in college.
H- an accelerated and intensive course for the highly motivated student.

Prerequisite: Approval of present science teacher for Honors level is recommended.

This course focuses on a conceptual understanding of thermodynamics, waves, optics, matter and energy, different forces and how they change the motion of objects, and distinguishing among the three major natural forces: gravitational, electrical and magnetic in context with scientific investigations and relationships between science, technology, and society.

SLH7503 Human Physiology Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 10 - 12. For students who are not in the Health Services Academy.

Health Services Academy students should take Advanced Health Services (THA2000) in their 11th grade year.

Prerequisite: Course in Biology required and course in Chemistry highly recommended. Chemistry can be taken concurrently.

This is a year course that provides an in-depth study of the structure and functions of the human body. All of the organ systems are studied in terms of how each is related and contributes to the overall proper condition of the body's internal environment. Students are provided with opportunities to research various occupations in health-related fields. Current health and medical issues and advancement in medical research will also be studied.

SAH2003 Integrated Science Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 11 or 12.

This is a laboratory course that provides students with extended opportunities to study issues, topics, and themes in greater depth. Scientific Inquiry has a significant place in this course, regardless of Life and Environmental Sciences, Physical Science, or Earth Space Science context. Students in this class will participate in the Maunakea Scholars Program.

SEH2003 Earth System Science Year

Course Number *Course Title* *1 credit*

Special Notation: Grade 12. Recommended for students who need a 3rd science credit.

This laboratory course encompasses four different content areas in earth-space and environmental sciences. The four content areas are astronomy, geology, meteorology, and oceanography. Students in this class will participate in the Maunakea Scholars Program.

SAH3503 Directed Study – Science (STEM) Year

Course Number *Course Title* *1 credit*

Special Notation: Grade 12 only. For students who are not in the Engineering Pathway.
Engineering Pathway students should take Engineering Technology Work-Based Learning (TAE4100).

Prerequisite: Approval of present science instructor or Science Department Chairperson required.

This course is designed for the student with high interest and ability in science who has a solid foundation in the content and methodologies of the basic sciences and who is able to use this foundation in conducting research on a self-selected topic. The student will work under the guidance of a science teacher and may also include assistance from professional or community resource persons. Recommended for students pursuing the STEM Honors Recognition Certificate.

Advanced Placement:

SLH8003 Advanced Placement – Biology Year

Course Number *Course Title* *1 credit*

Special Notation: Grade 11 or 12. Students are required to take the College Board AP Biology exam in May for which **college credit may be awarded.**
A completed AP Contract is required with the Course Request Form.

Prerequisite: Successful completion of biology and chemistry courses or taking chemistry concurrently.
Recommended for **Health Services Academy** students
Approval of present science instructor.

This is a freshman college level biology course. Biology skills learned in the biology courses are reinforced and augmented. AP Biology uses extensive laboratory experiences to clarify underlying principles of biology. AP Biology offers college biology with more individual attention than the student is likely to find at the university level.

SPH5003 Advanced Placement - Chemistry Year

Course Number *Course Title* *1 credit*

Special Notation: Grade 11 or 12. Students are required to take the College Board AP Chemistry exam in May for which **college credit may be awarded.**
A completed AP Contract is required with the Course Request Form.

Prerequisite: Successful completion of Chemistry and Algebra 2.
Recommended for **Health Services Academy** students
Approval of present science instructor.

This is a freshman college level chemistry course. Chemistry skills learned in the Chemistry-X course are reinforced and augmented. AP Chemistry is highly quantitative, stressing mathematical analysis of chemical problems. Laboratory investigations, often student designed, add to the experience. AP Chemistry offers college chemistry with more individual attention than the student is likely to find at the university level.

SIH3903 Advanced Placement - Environmental Science Year

Course Number *Course Title* *1 credit*

Special Notation: Grade 11 or 12. Students are required to take the College Board AP Environmental Science exam in May for which **college credit may be awarded.**
A completed AP Contract is required with the Course Request Form.

Prerequisite: Successful completion of biology and chemistry courses.
Recommended for **Public Services Academy** students
Approval of present science instructor.

This is a college level environmental science course. The goal of this course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze both natural and human-induced environmental problems, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.

SOCIAL STUDIES

The purpose of social studies is to help students prepare for citizenship. Social studies courses help students develop the ability to make informed and reasoned decisions for the public good as citizens of a culturally diverse democratic society in an interdependent world. The Social Studies Content Standards in History, Civics, Geography, and Economics are addressed in the required courses and with different emphasis in the elective courses.

Students take the social studies courses in the following sequence.

Grade 9:	United States History and Government
Grade 10:	World History and Culture or Advanced Placement (AP) World History
Grade 11:	Modern History of Hawai'i / Participation in a Democracy or Advanced Placement (AP) World History or AP US Govt.
Grade 12:	2 Senior Electives or Advanced Placement (AP) World History or AP US Govt.
H designation:	Honors-intensive and analytical

CHU1100 U.S. History and Government
CHU1100H U.S. History and Government - H (Honors) Year

Course Number *Course Title* *1 credit*

Special Notation: Grade 9. Required for graduation.

Prerequisite: Approval of present social studies teacher for Honors level is recommended.

This course studies the development of the United States from Reconstruction to the present. Students examine key ideas, events, people, and movements in the U.S. to develop their own personal, national, and world views necessary to make informed decisions.

The **H** section investigates American history and culture from multiple perspectives, with in-depth historical research, interpretation and analysis. History Day is the culminating activity of this course.

CHW1100 World History Year

Course Number *Course Title* *1 credit*

Special Notation: Grade 10. Required for graduation

This course examines the development and dynamics of human experience, through such themes as migration, imperialism, trade, and exchanges. It engages students in historical inquiry focusing on the historic, socio-political, geographic, economic, and technologic development of past and contemporary civilizations. This course offers students a range of options for demonstrating content mastery that are academy appropriate and reinforce career/academy skill sets.

CHW11001 World History for Academy of Industry & Technology
CHW11002 World History for Health Services Academy
CHW11003 World History for Public Services Academy
CHW11004 World History for Arts & Communications Academy

CHR1100 Modern History of Hawai'i
CGU1100 Participation in a Democracy 2 Semesters

Course Number *Course Title* *0.5 credit each*

Special Notation: Grade 11. Both courses are required for graduation.

Modern History of Hawai'i (MHH) studies the historical development of modern Hawai'i beginning from the mid-nineteenth century. People, events, and technological developments are studied to analyze their social, political, and economic effect on the development of Hawai'i. This course offers students a range of options for demonstrating content mastery that are academy appropriate and reinforce career/academy skill sets.

Participation in a Democracy (PID) is a course on citizenship in which students use the community as an extension of the classroom to learn the role citizens play in policy making and the political process. Students gain a greater understanding and appreciation of their rights and responsibilities as citizens. Community service is encouraged in this class. This course offers students a range of options for demonstrating content mastery that are academy appropriate and reinforce career/academy skill sets.

CHR11001 / CGU11001 MHH & PID for Academy of Industry & Technology
CHR11002 / CGU11002 MHH & PID for Health Services Academy
CHR11003 / CGU11003 MHH & PID for Public Services Academy
CHR11004 / CGU11004 MHH & PID for Arts & Communications Academy

CGU2300 Political Science-Government
CGU2200 American Problems — 2 Semesters

Course Number | *Course Title* | *0.5 credit each*

Special Notation: Grade 11-12. Required course for **Public Service Academy – Legal & Protective Services Pathway**.

Political Science-Govt. synthesizes the concepts of governance, power, and authority, the concepts of our political party system, the ideals of American constitutional government, and the role of the United States in international politics, policies, and relations. It provides opportunities for students to engage in civic actions and to develop and support positions on political and social issues.

American Problems is a course where students use the tools and methodology of the political scientist, the economist, and the sociologist or anthropologist to investigate current social, political, and economic issues in contemporary America.

CER2200 Hawaiian Studies
CER2300 Pacific Island Cultures — 2 Semesters

Course Number | *Course Title* | *0.5 credit each*

Special Notation: Grade 12.

Hawaiian Studies focuses on modern Hawaii and the impact of the past in terms of economic, cultural, political and historic development. It looks at the ideas of change, continuity, and causality in terms of impact on Hawaiian cultural traditions, values, and technology. It actively engages students in using the tools of the social scientist to develop and evaluate positions on contemporary issues.

Pacific Island Cultures examines the cultural systems of the Pacific Islands, with a focus on analysis of cultural beliefs, practices, cultural assimilation, and preservation. It also examines the political, economic, and social factors that impact settlement and the ecosystems of the Pacific region. It actively engages students in multicultural problem-solving and decision-making activities and uses the methodology of anthropologists to investigate issues.

CSD2200(3) Psychology
CSD2300(3) Sociology — 2 Semesters

Course Number | *Course Title* | *0.5 credit each*

Special Notation: Grade 12. Course pairing is recommended for the **Academy of Industry & Technology (CSD2200 / CSD2300), Health Services Academy (CSD2200 / CSD2300)** and **Public Services Academy (CSD22003 / CSD23003)** students

Psychology is a survey course that focuses upon the study of behavior. Topics such as behavior disorders and developmental, personality, and learning theories will be covered. The goal of the course is to better understand one's own behavior and the behavior of others.

Sociology is a course that analyzes issues of cultural assimilation from sociological perspectives of diverse ethnic and racial groups. It is designed to focus on the understanding of relationships among cultures, cultural change, and social institutions and conditions.

CSD2200 / CSD2300 Psychology & Sociology for Academy of Industry & Technology
CSD2200 / CSD2300 Psychology & Sociology for Health Services Academy
CSD22003 / CSD23003 Psychology & Sociology for Public Services Academy
CSD2200 / CSD2300 Psychology & Sociology for Arts & Communications Academy

CSD22001 Psychology
CSD2500 Economics — 2 Semesters

Course Number | *Course Title* | *0.5 credit each*

Special Notation: Grade 12. Course pairing is recommended for the **Academy of Industry & Technology Business Pathway** students

Psychology is a survey course that focuses upon the study of behavior. Topics such as behavior disorders and developmental, personality, and learning theories will be covered. The goal of the course is to better understand one's own behavior and the behavior of others.

Economics is the study of the concepts and analytical tools necessary to understand the economic issues facing individuals, the nation, and the world. It explains how the choices people make affect fluctuations in prices, money, business, prosperity, and the economy.

CSD22004	Psychology	
CPG2100	Humanities	2 Semesters
Course Number	*Course Title*	*0.5 credit each*

Special Notation: Grade 12. Course pairing is recommended for the **Arts & Communications Academy** students

Psychology is a survey course that focuses upon the study of behavior. Topics such as behavior disorders and developmental, personality, and learning theories will be covered. The goal of the course is to better understand one's own behavior and the behavior of others.

Humanities: This course particularly looks at the role of art, literature, music and social sciences in relation to human life and culture. It is an integrated course and students are engaged in examining values, issues, beliefs and the role of aesthetics in human society.

CSD2100	Geography	
CGW2400	Global Studies	2 Semesters
Course Number	*Course Title*	*0.5 credit each*

Special Notation: Grade 12. Course pairing is recommended for the **Arts & Communications Academy Entrepreneurship Pathway** students

Global Studies addresses the increasingly complex global issues which have social, economic, political, cultural, technological, and ecological dimensions.

Geography is the study of the physical earth as it is related to human activity on it. Emphasis is given to providing core knowledge of the world's regions and geography skills to understand the interrelationship between humans and the land.

Advanced Placement:

	Advanced Placement (AP)	
CHA6300	World History - Modern	Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grades 10 - 12. Students are required to take the College Board AP World History exam in May for which college credit may be awarded.
A completed AP Contract is required with the Course Request Form.

This course is intended for students working to complete studies equivalent to a college introductory course. The course begins with foundations that set the historical and geographical context. Each period studied involves looking at the major developments which students use to compare across cultures. A satisfactory score on the College Board sponsored examination may exempt a student from taking the introductory World History course in college.

	Advanced Placement (AP)	
CGA6100	US Government and Politics	Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grades 11 - 12. Students are required to take the College Board AP US Government and Politics exam in May for which college credit may be awarded.
A completed AP Contract is required with the Course Request Form.

This course is equivalent to an introductory college-level American Government course. It is offered to students who wish to be academically challenged and plan to take the AP exam in the Spring. This is a political science course designed to give students a comprehensive understanding of government and politics in the United States. Main ideas include political institutions, groups, beliefs, and theories that constitute U.S. politics and public policies. A satisfactory score on the College Board sponsored examination may exempt a student from taking a history course in college.

SPECIAL EDUCATION

It has been the goal of the Special Education Department to educate students in the least restrictive environment, to the maximum extent appropriate with students who are not disabled. Waiākea High School supports an inclusive model of a "whole school" approach that incorporates special education as a service in general education. The special education students will be supported by special education teachers and educational assistants in the general education classes. The activities and assessments for these classes will be modified and/or accommodated, if necessary, as directed by the Individual Education Program (IEP).

TO ALL INCOMING AND CURRENT STUDENTS (Grades 8 -11):
Students who are earning credit toward a regular high school diploma will enroll in the general education core course offerings. **Please refer to core department sections (English LA-p. 42, Math- p. 53, Science- p. 56 and Social St- p. 59) for course offerings.** Special Education electives to support students in general education core classes are listed below.

Non-credit course offerings are also listed in this section for those who require a more restrictive environment to improve language arts, math, and career skills.

Electives:

LLH1013S / LLH1014S — English LA (Grade 9) Laboratory A / B

Course Number	*Course Title*	*0.5 credit each*
LLH1013S / LLH1014S	English LA (Grade 9) Laboratory A / B	Semester

Special Notation: Grade 9 only. These courses are supplemental, repeatable, and for ***elective*** credit only.

This course supports students by providing additional instruction and support, where needed, to help students achieve standards for the three areas of the language arts: reading and literature, writing, oral communication, and study skills. Instruction will be differentiated as appropriate for the needs of the students enrolled.

MSW1009SA / MSW1009SB — Mathematics Workshop – (Algebra 1 - Sem 1) / (Algebra 1 - Sem 2)

Course Number	*Course Title*	*0.5 credit each*
MSW1009SA / MSW1009SB	Mathematics Workshop – (Algebra 1 - Sem 1) / (Algebra 1 - Sem 2)	Semester

Special Notation: Grade 9 only. These courses are supplemental, repeatable, and for ***elective*** credit only.

This course is designed for students who need to strengthen their understanding of mathematical concepts: Number and Operations; Measurement; Geometry and Spatial Sense; Patterns, Functions, Algebra, Data Analysis, Statistics, and Probability.

LLH2013S / MSW1010S — Combination Math/English Lab Gr 10

Course Number	*Course Title*	*0.5 credit each*
LLH2013S / MSW1010S	Combination Math/English Lab Gr 10	2 Semesters

Special Notation: Grade 10. These courses are supplemental, repeatable, and for ***elective*** credit only.

These are taken in combination of a Mathematics Workshop and a Laboratory for English for the duration of the year. The combined course focuses on math, language arts and study skills throughout the year. It supports students by providing additional instruction and support, where needed. Instruction will be differentiated as appropriate for the needs of the students enrolled.

LLH3013S / MSW1011S — Combination Math/English Lab Gr 11

Course Number	*Course Title*	*0.5 credit each*
LLH3013S / MSW1011S	Combination Math/English Lab Gr 11	2 Semesters

Special Notation: Grade 11. These courses are supplemental, repeatable, and for ***elective*** credit only.

These are taken in combination of a Mathematics Workshop and a Laboratory for English for the duration of the year. The combined course focuses on math, language arts and study skills throughout the year. It supports students by providing additional instruction and support, where needed. Instruction will be differentiated as appropriate for the needs of the students enrolled.

LLH4013S
MSW1011S1 **Combination Math/English Lab Gr 12** **2 Semesters**

Course Number *Course Title* *0.5 credit each*

Special Notation: Grade 12. These courses are supplemental, repeatable, and for ***elective*** credit only.

These are taken in combination of a Mathematics Workshop and a Laboratory for English for the duration of the year. The combined course focuses on math, language arts and study skills throughout the year. It supports students by providing additional instruction and support, where needed. Instruction will be differentiated as appropriate for the needs of the students enrolled.

Individually Prescribed Program (Non-Diploma) Course Offerings

XAG1011R1
XAG1011R2 **Study Skills** **Semester**

Course Number *Course Title*

This is a course provides a combined curriculum from multiple disciplines allowing students to see relationships and relevance to their current school and post high school goals. Instruction is differentiated according to the needs of each student. Recommended for students who are on an Individually Prescribed Program (IPP) working towards earning a certificate of completion. Instruction will be in accordance with the student's Individualized Education Program (IEP). **Repeatable each semester**.

NWS1115 **Vocational Rehabilitation Work-Study 1**
NWS2225 **Vocational Rehabilitation Work-Study 2**
NWS3335 **Vocational Rehabilitation Work-Study 3** **Year**

Course Number *Course Title*

Special Notation: Special Education student must be a certified client with the Division of Vocational Rehabilitation to register for this course. Approval of the instructor required.

Students develop academic, vocational, and social skills related to the world of work and developing adequate skills to progress from vocational exploration to work evaluation, training and competitive employment. Instruction will be in accordance with the student's Individualized Education Program (IEP).

NSA2000(R) **Adaptive Living Skills 1**
NSA2100(R) **Adaptive Living Skills 2**
NSA2200(R) **Adaptive Living Skills 3**
NSA2300(R) **Adaptive Living Skills 4**
NSA2400(R) **Adaptive Living Skills 5**
NSA2500(R) **Adaptive Living Skills 6** **Year**

Course Number *Course Title*

This series of courses provide students with intensive instruction focusing on functional living skills which address the state's performance indicators but at lower levels of complexity. Students require a self-contained program

WORLD LANGUAGES

GENERAL INFORMATION: Students will be successful in world language classes if: 1) they are well-motivated, and 2) they have a genuine desire to learn the language.

WHY LEARN A SECOND LANGUAGE?

1) Many colleges are now requiring a minimum of two years and preferably three years of a second language.
2) Knowing a second language is an asset when applying for any job. Certain languages are highly recommended in each of the six career paths to enhance proficiency in other required courses.
3) A student can expand cultural horizons and can communicate with speakers of different languages to develop global perspectives in any career.
4) The discipline of language study will help students succeed in all classes.

The World Language Department encourages all students to begin their language learning in the ninth grade. Classes in all languages cover vocabulary, sentence structure and limited cultural activities in the lower levels. Students must be willing and able to memorize vocabulary, participate in language drills and oral recitations with-and-in-front of the class. Although classes are separated into two semesters, classes are treated as year courses.

Students in this department will demonstrate competency in the **five C's**.
Communication….Students understand, interpret and present information on a variety of topics to a variety of audiences.
Cultures……...Students understand multiple cultures.
Comparisons…… Students understand the nature of languages.
Connections……Students use the target language to connect with other disciplines and to obtain information from authentic sources.
Communities……..Students can interact with people in a multicultural setting.

FRENCH:

Besides enjoying the general benefits of language study, students of French will also find that their English vocabulary improves and their SAT scores will be higher for each year of study completed. French students will learn through games, conversations, songs, and projects. French cultural practices and values will be incorporated into lessons by a selection of stories, movies, songs and other authentic French cultural products. Students will apply their newly acquired communication skills during French conversations and practices with peers during class.

WEF1000 — French 1 — Year

Course Number — *Course Title* — *1 credit*

Special Notation: Grades 9 - 12.

Students in French 1 will practice basic French sentences through simple conversations including greetings, describing self, family and friends, colors and numbers, date, time and weather, everyday routine and vacations, eating out and travel. Students will be able to obtain information and provide information in French using present tense in reading, writing, and speaking. The first year will give a strong foundation to maintain conversation and communicate during transactions in French. Some elements of geography to have a basic overview of the French speaking world will be explored. Cultural traditions will also be introduced. Students will be able to establish a pen pal correspondence with a French peer.

WEF2000 — French 2 — Year

Course Number — *Course Title* — *1 credit*

Special Notation: Grades 10 - 12.

Prerequisite: Successful completion of French 1.
Approval of instructor required.

French 2 is a continuation of interpersonal communication in French with new topics/vocabulary. The student will speak French using both present tense and past tense called *passé composé.* Students will learn about exceptions with irregular adjectives and their position in the sentence, as compared with English. Students will be able to talk about what happened in the recent past and in the past such as retelling events in a logical sequence. Students will be able to express their opinion in French, and also find evidence in a text such as a story or a current event reading authentic French news articles,and practicing many reading strategies. Students will be able to establish a pen pal correspondence with a French peer.

WEF3000 — French 3 — Year

Course Number — *Course Title* — *1 credit*

Special Notation: Grades 11 or 12.

Prerequisite: Successful completion of French 2.
Approval of instructor required.

French 3 students further develop their communication skills in French and understanding of current cultural and historical facts. Conversations and reading will include new tenses such as imperfect and future tenses to interpret French stories and history texts and videos. Students will use all previous years content to obtain and provide information, including exchanging ideas in French. Students will be able to establish a pen pal correspondence with a French peer.

WEF4000	French 4	Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grade 12.

Prerequisite: Successful completion of French 3.
Approval of instructor required.

French 4 students are expected to communicate in French, verbally or in writing, about many provided topics, such as current events in Europe or in any country using French as an official language. The use of conditional tense and all other tenses will allow students to discuss, obtain and provide information about what they would like to do or about predictions in French. Students will be able to establish a pen pal correspondence with a French peer.

HAWAIIAN:

The study of Hawaiian fuses cultural values and perspectives, focusing on the resources and wealth of our Waiākea community. Excursions, oli, hula, mele, curricular activities, and projects support course objectives to speak, read, and write the language within context.

WPH1000	Hawaiian 1	Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grades 9 - 12.

Students will learn basic Hawaiian words and expressions. Speaking, reading, and writing will be emphasized. Cultural projects will supplement language learning.

WPH2000	Hawaiian 2	Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grades 10 - 12.

Prerequisite: Successful completion of Hawaiian 1.
Approval of instructor required.

Speaking, reading and writing in Hawaiian are essential components of this course. Hawaiian culture projects will supplement language expansion.

WPH3000	Hawaiian 3	Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grades 11 or 12.

Prerequisite: Successful completion of Hawaiian 2.
Approval of instructor required.

Speaking, reading and writing in Hawaiian are essential components of this course. Further expansion of language skills and vocabulary development are essential components of this course. Translations of Hawaiian authors and chants will also be emphasized. Students will focus on written projects in Hawaiian language.

WPH4000	Hawaiian 4	Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grade 12.

Prerequisite: Successful completion of Hawaiian 3.
Approval of instructor required.

Major emphasis is on vocabulary growth. Readings are of cultural and literary nature. Grammatical presentation is expanded to more complex speech patterns and usage. Research conducted on cultural and career related topics. Colloquial speech usage is also emphasized.

WPH8000 Hawaiian Conversation and Culture Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 9 - 12. These courses do not address all of the World Languages standards and do not meet most college / university entrance requirements for language study.

Prerequisite: Approval of instructor required.

This course emphasizes listening and speaking skills as they relate to the cultural topics studied. This course will have culminating projects to measure growth of knowledge. The class will be accountable for the Makahiki Games Festival and May Day Hō'ike and will work closely with the teacher to encourage and promote culture on campus.

JAPANESE:

The influence of the Japanese culture is prevalent in Hawai'i. With the tourist industry, technological advances, overseas business investments, and opportunities to study abroad, it will be beneficial for students to have some understanding of the Japanese people and their language. The study of the Japanese language will equip students with the basic communication skills of listening, speaking, reading, and writing, thereby fostering a greater understanding and appreciation of the Japanese culture.

WAJ1000 Japanese 1 Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 9 - 12.

Students learn beginner Japanese speaking, listening, reading and writing skills. By the end of the school year, students will be able to read and write hiragana (cursive) and katakana (block-style) characters. Useful expressions (introducing and presenting yourself and family members, asking and answering simple questions) are the major emphasis of the course. Classroom activities such as conversational practice and cultural and service activities will supplement learning.

WAJ2000 Japanese 2 Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 10 - 12.

Prerequisite: Successful completion of Japanese 1.
Approval of instructor required.

Students develop higher beginner-intermediate level of Japanese speaking, listening, reading and writing skills. Major emphasis is on useful expressions used in outside situations. Cultural and service activities will reinforce skills taught in class.

WAJ3000 Japanese 3 Year

Course Number *Course Title* *1 credit*

Special Notation: Grades 11 or 12.

Prerequisite: Successful completion of Japanese 2.
Approval of instructor required.

Students have opportunities to gain and expand the intermediate level of Japanese listening, speaking, reading, and writing proficiencies through class work and cultural and service related projects. The focus is building conversational skills in suggesting, offering advice, voicing personal opinion and sharing personal experiences.

WAJ4000 Japanese 4 Year

Course Number *Course Title* *1 credit*

Special Notation: Grade 12.

Prerequisite: Successful completion of Japanese 3.
Approval of instructor required.

The major focus is to strengthen conversational, reading and writing skills on a variety of topics. Students will gain advanced level skills in listening, speaking, reading and writing. Emphasis is on gaining conversational skills such as colloquial speech, business expressions and honorifics. Students will be introduced to intermediate level composition writing, Japanese Proficiency Language Test skills and Advanced level Kanji in this course. Service projects will provide opportunities for students to utilize skills and supplement learning.

WLD4000A1	Directed Study World Lang – Japanese (Sem 1)	
WLD4000A2	Directed Study World Lang – Japanese (Sem 2)	Semester
Course Number	*Course Title*	*0.5 credit each*

Special Notation: Grades 11 or 12. These courses do not address all of the World Languages standards and do not meet most college / university entrance requirements for language study.

Prerequisite: Approval of instructor required.

This course is for highly motivated students who have completed all World Language courses appropriate to their needs. Students will refine and perfect proficiencies developed at earlier stages by conducting research on a self-selected topic. The focus is on extensive reading, cultural research topics, and written and/or oral discussion based on those readings. Students will work under the guidance of a world language teacher and may also include assistance from professional or community resource persons.

SPANISH:

The expansion of the New World in 1492 under the sponsorship of Spain has left an influence on our language, customs, foods, and names of people and places. Over 500 million people in the world speak Spanish; 20 million of which live in the U.S. Spanish is becoming the second language of the United States. It will be a great advantage for any student to study the Spanish language in order to be able to communicate in Spanish and to enjoy the many Spanish influences in our daily lives.

WES1000	Spanish 1	Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grades 9 - 12.

This course helps you to learn the basic fundamentals of the Spanish language including its sound system. In addition to the study of the language, you will also gain a basic understanding and appreciation of the Spanish speaking culture through studying and experiencing ethnic events. By participating in activities such as dialogues, pattern drills, simple reading, and controlled writing practice, you will begin the first stage of understanding, speaking, reading, and writing Spanish.

WES2000	Spanish 2	Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grades 10 - 12.

Prerequisite: Successful completion of Spanish 1.
Approval of instructor required.

Spanish 2 helps to further develop the Spanish sound system and improve proficiency in reading, writing, understanding, and speaking the language. The language fundamentals continue to expand through Spanish songs and videos. Discussion of both readings from the basic text further develops your understanding and appreciation of the Spanish speaking culture.

WES3000	Spanish 3	Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grades 11 or 12.

Prerequisite: Successful completion of Spanish 2.
Approval of instructor required.

Spanish 3 is intended to further improve competence in reading, writing, and speaking Spanish. Classroom assignments with the inclusion of Spanish food and music will enable the student to learn more about the culture throughout the Spanish-speaking world. We also read and watch short Spanish novels, news media, and authentic Spanish movies. This course will help students to communicate and interact in order to participate in multilingual communities at home and on a global level.

WES4000	Spanish 4	Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grade 12.

Prerequisite: Successful completion of Spanish 3.
Approval of instructor required.

Spanish 4 is intended to continue improving proficiency in Spanish and preparing students for life beyond high school. It will further the fluency of the Spanish language through reading, speaking and listening in Spanish only. Students will also explore themes specific to the career academies and create a resume in Spanish. Students on level 4 are encouraged to take the Seal of Biliteracy Award, a recognition of students who have studied and attained proficiency in two or more languages by high school graduation. The Seal of Biliteracy will be attached to the student's transcripts.

WLD4000E1	**Directed Study World Lang – Spanish (Sem 1)**	
WLD4000E2	**Directed Study World Lang – Spanish (Sem 2)**	**Semester**
Course Number	*Course Title*	*0.5 credit each*

Special Notation: Grades 11 or 12. These courses do not address all of the World Languages standards and do not meet most college / university entrance requirements for language study.

Prerequisite: Approval of instructor required.

This course is for motivated students who have completed all World Language courses appropriate to their needs and are interested in furthering their fluency and/or pursuing the Seal of Biliteracy. Students prepare for the Seal of Biliteracy exam by researching a self-selected topic, practicing grammatical skills and improving fluency. The focus is on extensive reading, cultural research topics, and written and/or oral discussion based on those readings. Students may also work under the guidance of community resource persons.

SPECIAL PROGRAMS

ADVANCED PLACEMENT DIPLOMA

XAP1000	Advanced Placement (AP) Seminar	Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grades 10 - 12. Students are required to take the College Board AP Seminar exam in May for which college credit may be awarded.
A completed AP Contract is required with the Course Request Form.

Prerequisite: Approval of course instructor required.

This foundational course provides students with opportunities to think critically and creatively, research, explore, pose solutions, develop arguments, collaborate, and communicate using various media. Students explore real-world issues through cross-curricular lens and consider multiple points of view to develop deep understanding of complex issues as they make connections between these issues and their own lives. This is the first of two sequential courses in the AP Capstone program and a course requirement for the AP Diploma. *Registration requires the completion of a summer reading/writing assignment*.

XAP1100	Advanced Placement (AP) Research	Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grades 11 - 12. Students are required to take the College Board AP Research exam in May for which college credit may be awarded.
A completed AP Contract is required with the Course Request Form.

Prerequisite: Successful completion of AP Seminar (XAP1000) is required.
Approval of current instructor required.

AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long mentored research based investigation to address a research question. In AP Research, students further develop the skills they acquired in AP Seminar by understanding research methods, employing ethical research practices, and accessing, analyzing, and synthesizing information as they address a research question. This is the second of two sequential courses in the AP Capstone program and a course requirement for the AP Diploma. *Registration requires the completion of a summer reading/writing assignment*.

AVID – ADVANCEMENT VIA INDIVIDUAL DETERMINATION

TGG8120	College & Career Ready Prep Skills Gr 12	Year
Course Number	*Course Title*	*1 credit*

Special Notation: Grade 12 only. Students who intend to attend 2 or 4-year college/university.
This is a stand-alone course and does not require previous AVID experience.

Prerequisite: Approval of counselor.

This course is designed to assist students with post-secondary education planning and preparation. Students focus on college and career research, preparation for college entrance exams, college application process, financial aid options including scholarship applications, and post-secondary life skills. The course offers students guidance and time to complete the FAFSA, college application requirements, including personal statements and college/scholarship essays.

LEADERSHIP

XLP10151 XLP10152	Leadership Training (Sem 1) Leadership Training (Sem 2)	Semester
Course Number	*Course Title*	*0.5 credit each*

Special Notation: Grades 10 - 12. **Course is repeatable**.

Prerequisite: Approval of Student Activities Coordinator required.

This is a course designed to help Student Government Association (SGA), class officers and key SGA chairpersons develop leadership skills and skills of communication with peers, adults, and community members. The concept of leadership as service to school and community will be introduced. Students will study and participate in group process, cooperative planning, and shared responsibilities. Students must be willing to commit to involvement in student government and student activities. Outside of class work is required (evening, weekends, and during breaks).

LIBRARY RESEARCH

XAL2010	**Library-Research Skills A**	
XAL2020	**Library-Research Skills B**	**Semester**
Course Number	*Course Title*	*0.5 credit each*

Special Notation: Grades 11 or 12. Class is limited to 4 students per class period.

Prerequisite: Approval of School Librarian required.

Library Research is a semester or full-year course where the focus is on using the library as an information center. Students in library research will not only learn to be critical consumers of information but will also learn to teach other students and assist faculty in utilizing and accessing information in a variety of formats and from a variety of sources. Students in library research must be willing to learn customer service, be comfortable with computers, learn online databases and software, and participate in library research lessons and projects. The Academy of Industry & Technology students may learn to research business trends and career pathways. Health Services Academy students may research the efficacy of various health treatments. All academy students may investigate the viability of various pathways in their academies, as they become competent 21st century citizens.

NEWSWRITING

LJY8210	**Newswriting 1**	
LJY8300	**Newswriting 2**	
LJY5400	**Newswriting 3**	
LJY8500	**Newswriting 4**	**Year**
Course Number	*Course Title*	*1 credit each course*

Special Notation: Grades 9 - 12. Students should have good writing skills, computer skills, and creative thought. See course instructor for information sheet and recommendation form.

Prerequisite: Approval of present course instructor required.

These courses enable the self-directed student to participate as an active member of the school e-newspaper staff. Emphasis on interviewing, writing, meeting deadlines, advertising sales, planning and producing a newspaper.

YEARBOOK

XYY8610	**Yearbook Production 1**	
XYY8630	**Yearbook Production 2**	
XYY8650	**Yearbook Production 3**	
XYY8670	**Yearbook Production 4**	**Year**
Course Number	*Course Title*	*1 credit each course*

Special Notation: Grades 9 - 12. Students should have good writing skills, computer skills, and creative thought. See course instructor for information sheet and recommendation form.

Prerequisite: Approval of present course instructor required.

These courses enable the self-directed student to participate in the production of the school yearbook. It is designed for the student who will take the initiative and go beyond what is expected of him/her. Grading will be based on meeting deadlines and appropriating time before, during, and after school hours.

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Advanced Placement Contract

AP Contracts are available from the Registrar's Office (A202) or your Counselor. Do not use this sheet.

Waiākea High School is committed to providing an environment in which all students have equal access to all classes, including Advanced Placement (AP) classes. AP courses are college level courses based on the College Board course description guidelines. These classes provide students with an emphasis on critical thinking skills, college preparatory experiences and opportunities to earn college credit if they earn a qualifying score on the AP exams. Students who enroll in AP courses are expected to take the course for its duration, and are required to take the appropriate AP exam(s) with a good-faith effort in May to receive the weighted grade.

Waiākea High School requires that all students and their parent/guardian(s) sign this contract to acknowledge that the student is making an informed decision regarding enrollment in an Advanced Placement classes.

The following should be read carefully by students and parents.

1. I understand that participation in AP classes requires me to demonstrate a high level of student independence and responsibility as well as independent mastery equivalent to a college level course.
2. I understand that by enrolling in an AP course I am expected to take the corresponding AP exam in May. Failure to take the AP exam will result in a transcript and GPA change to reflect that the AP course has become a regular course.
3. I understand that there are exam fees for each course (approximately $96 per course, Seminar and Research will be approximately $144) and I agree to pay the amount required by the deadline. Financial assistance may be available for students/families with demonstrated financial need. Payment may be required upfront and reimbursement will be made if financial assistance is awarded.

   Fee collection: October/November 2022

   Late payments and cancelled tests (includes withdrawal from class after payments have been made): A $40 late/change fee will be charged by the College Board
4. I understand that the highest standards of integrity govern all AP coursework. I understand that I may be dropped from any AP class with an "F" grade recorded on my transcript and without credit if I plagiarize, cheat, or submit work that I did not personally complete as an assignment for this class.

Exit Policy: A student may exit an AP class

(1) prior to the start of summer without penalty or

(2) during the summer with a "W" or withdrawal mark on the official transcript

(3) by January 13, 2023 with the following stipulations:

- Request to drop an AP course after the start of the school year may not be granted.
- All grades earned in that course follow the student to the next course, first semester grades are reflected in the semester 1 cum GPA, a "W" or withdrawal mark will appear on official transcripts.
- A $40 cancellation fee will be charged by the College Board.
- Students will be scheduled in a replacement course (excluding School Service) based upon availability.

Signed contracts are due by December 1, 2021 with the Registration forms. Students will not be enrolled in any AP class during the 2022-23 school year without a signed contract.

2022-2023 AP Courses (check all that apply):

___ Biology	___ Calculus	____ English Lang (gr 11)	___ US Government	___ Seminar
___ Chemistry	___ Environmental Sci	___ English Lit (gr 12)	___ World History	___ Research

Your signature denotes that you have read and agree to the terms and conditions of Waiākea High School's Advanced Placement contract.

Student Name _____

Student Signature _____ Date _____

Parent/Guardian Name _____

Parent/Guardian Signature _____ Date _____

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