



Waiākea High School 2024 – 2025

Catalog of Courses:
A bulletin for students and parents



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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

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 / 簡體中文) 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。

(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 / 'Ōlelo Hawai'i) 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 fōós un Merika, mi wor omw pwúúng omw kopwe angei aninnisin aweween fōós 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.

(Samoaan / 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 serbisyonang ito. Para sa karagdagang impormasyon, maari mong kontakin ang prinsipal ng iyong paaralan tungkol sa serbisyonang 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 kontakang 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 Pälle, ewōr am jimwe ñan jibañ ko ikijien ukok ilo ejelok wōnen. Jouj im köjjeļaik 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

Waiākea High School is an Academy or Smaller Learning Community (SLC) high school. All students are enrolled in the Freshman Academy in the 9th grade year and then choose one of four career academies in the 10th grade year (Academy of Industry & Technology, Arts & Communication Academy, Health Services Academy or Public Services Academy).

Waiākea is a wall-to-wall academy school, meaning that all students and all adults are part of an academy/SLC. Through their academies, student's progress in the six General Learner Outcomes (GLOs) with particular emphasis on employability skills.

GLO #1: Self-Directed Learner - the ability to be responsible for one's own learning
Employability Skills - Flexibility/Adaptability, Initiative, Work well under pressure

GLO #2: Community Contributor - the understanding that it is essential for human beings to work together
Employability Skills - Ability to motivate, Empathy, Mentoring/Coaching, Teamwork, Workplace Policy/Culture/Safety

GLO #3: Complex Thinker - the ability to demonstrate critical thinking and problem solving
Employability Skills - Problem-solving/Decision-making

GLO #4: Quality Producer - the ability to recognize and produce quality performance and quality products
Employability Skills - Dependability/Reliability, Strong work ethic

GLO #5: Effective Communicator - the ability to communicate effectively
Employability Skills - Building customer relationships, Communication, Listening, Negotiation

GLO #6: Effective and Ethical User of Technology - the ability to use a variety of technologies effectively and ethically
Employability Skills - Technology Use

GENERAL INFORMATION

School Description

Waiākea High School is a Smaller Learning Community (SLC) high school serving approximately 1250 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 3 – February 29, 2024 for the 2024-25 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.

For more information: <https://health.hawaii.gov/docd/vaccines-immunizations/school-health-requirements/sy-20-21/>

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) 480-3200

CO-CURRICULAR ACTIVITIES

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:

DECA-Distributive Education Clubs of America
French Club
Japan Club
Math League
National Honor Society
Photography Club
Robotics
Spanish Club
Waiakea Engineering Club
Waiākea Warrior Wellness Club

Special-interest Clubs:

Color Guard
Dance Club
Dungeons & Dragos (DnD) Club
Filipino Club
Gender & Sexuality Alliance (GSA)
Iron Warrior Powerlifting Club
Ka Leo Wai
Table Top Club
Youth & Government Club

Service-oriented Clubs:

Interact Club
Key Club
Leo 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

- 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)
 - Edmentum – Credit Recovery
- English and Math Labs (see pages 76 & 88)
- English Learners (EL - see page 78)
- Resource Room (Q104)
- Section 504 Services
- Special Education for Students with Disabilities (SpEd - see pages 97 - 98)
- Turn It In, Hawaii Online Courses (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: <ul style="list-style-type: none"> <input type="checkbox"/> English LA 9 (1.0) <input type="checkbox"/> English LA 10 (1.0) <input type="checkbox"/> Expos. Writing 1 (0.5) <input type="checkbox"/> Basic English Electives (1.5) or **newly developed CCSS proficiency-based equivalent
Social Studies	4.0 credits including (recommended sequence): <ul style="list-style-type: none"> <input type="checkbox"/> US History (1.0) <input type="checkbox"/> World History (1.0) <input type="checkbox"/> MHH/PID (0.5 ea) <input type="checkbox"/> Basic Social Studies elective (1.0) or **newly developed CCSS proficiency-based equivalent
Math	3.0 credits including: <ul style="list-style-type: none"> <input type="checkbox"/> Algebra 1 (1.0) <input type="checkbox"/> Geometry (1.0) <input type="checkbox"/> Other Math Course (1.0) or **newly developed CCSS proficiency-based equivalent <p>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)</p>
Science	3.0 credits including: <ul style="list-style-type: none"> <input type="checkbox"/> Biology (1.0) <input type="checkbox"/> 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: <ul style="list-style-type: none"> <input type="checkbox"/> PE Lifetime Fitness (0.5) <input type="checkbox"/> 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 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

During the summer, any requests for schedule changes must be completed with the registrar on or before the Schedule Pick-Up and Fee Payment event held in July. At the start of the new school year, a change request is accepted through the respective school counselor only if the school has made an error or the student has been assigned to the incorrect 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 two weeks of school will not appear on the permanent record (AP Courses have different constraints: see page 109). From two weeks 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 two weeks of school will not appear on the permanent record (AP Courses have different constraints: see pages 109). 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 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://www.hawaii.edu/dualcredit/> or <https://waiakeahighcounselors.weebly.com/accelerated-learning.html>.

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

Credit Recovery

Edmentum is an online 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:
 - Hawaii Online Courses (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 – promoted to grade 11 or higher
 - 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 Credit courses 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 Credit courses 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.



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 for the 16 Core Courses / Have a GPA of 2.2 or higher for the 16 Core Courses (see table below)
3. Meet Core GPA with matching SAT or ACT on the sliding scale (<https://www.ncaa.org/sports/2014/11/21/test-scores.aspx>).

DIVISION I & II 16 Core-Course Rule	DIVISION I
<p><u>16 Core Courses:</u></p> <p>4 years of English</p> <p>3 years of mathematics (Algebra 1 or higher)</p> <p>2 years of natural/physical science (1 year of lab if offered by high school)</p> <p>1 year of additional English, mathematics or natural/physical science</p> <p>2 years of social science</p> <p>4 years of additional courses (from any area above, or world language)</p>	<p><u>10 Core Courses Rule:</u></p> <p><input type="checkbox"/> To be completed prior to the 7th semester</p> <p><input type="checkbox"/> 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</p> <p><input type="checkbox"/> The 10 courses become “locked in” at the 7th semester and cannot be taken for grade improvement</p>

Division III schools set their own academic eligibility rules.

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/>

Waiākea High School's 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
Integrated Science
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 

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
- Arts and Communication 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 their Academy Pathway and Academy accordingly. Advisory teachers and Academy Counselors are available to help and counsel students with these decisions.

All five of Waiākea's 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 Waiākea's career academies have been nationally certified or granted model or distinguished status.

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

- Pages 19 - 28 [Academy of Industry and Technology](#)
- Pages 29 - 36 [Arts and Communication 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** have been identified by the State’s CTE Office as being “in-demand occupations that pay a living wage in Hawai’i.” The careers in **bold** are based on a report published in 2020.

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 & Ho'omau*) 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 A'o* or *Hā* framework (Belonging, Responsibility, Aloha, Excellence, Total Well-Being, and Hawai'i) 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.



ACADEMY OF INDUSTRY AND TECHNOLOGY

MISSION

The Academy of Industry and Technology encourages all participants to meet industry standards; gaining the knowledge and skills necessary for postsecondary success with the support of the academy, advisory board, and community partners.

CAREER LISTING

Careers listed in **Bold** have been identified by the State’s CTE Office as being “in-demand occupations that pay a living wage in Hawai’i.”

Business Pathway

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

Automotive Pathway

- Automotive Mechanic**
- Automotive Parts/Customizing Business Owner
- Automotive Service Technician/Mechanic**
- 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



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

- Aircraft/Airframe Mechanic
- First-Line Supervisors of Construction Trades and Extraction Workers**
- Heavy Equipment Mechanic or Operator**
- Maintenance and Repair Workers**
- Marine Mechanic or Operator
- Mechanical Assembler or Inspector
- Motorsports Mechanic or Operator
- Powerplant Mechanic or Operator
- Small Engine Repair Technician

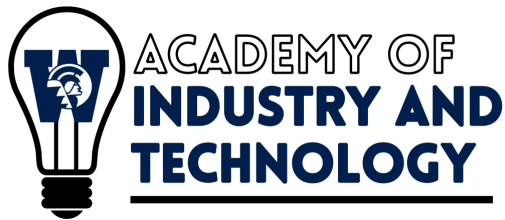
- Heating, Ventilations & Air Conditioning (HVAC)
- Mason
- Roofer

Business Pathway Recommended

- Accountant**
- Actuary
- Auditor**
- Bank Teller
- Certified Public Accountant (CPA)**
- Financial Advisor/Manager**
- Financial Analyst**
- Information Security Analyst**
- Insurance Sales Agent**
- Loan Officer**
- Payroll Specialist
- Real Estate Agent**
- Sports and Entertainment Marketing
- Social Media Marketing
- Training & Development Specialists**

Construction Pathway Recommended

- Architect
- Computer-Aided Design (CAD) Technician
- County Planner
- Draftsperson
- Home Inspector
- Project Manager
- Cabinet Maker
- Plumber



Automotive Pathway

Recommended Course Sequence

(See pages 54 -55 for course descriptions)

SUBJECT	9th Grade	10th Grade	11th Grade	12th Grade
LANGUAGE ARTS <i>4 cr Required</i>	English Language Arts 1*	English Language Arts 2* <i>Acad of Ind & Tech</i>	English Language Arts 3* <i>Acad of Ind & Tech</i>	English Language Arts 4* <i>Acad of Ind & Tech</i>
MATH <i>3 cr Required / 4 cr recommended</i>	Algebra 1*	Geometry* <i>Acad of Ind & Tech</i>	Algebra 2* <i>Acad of Ind & Tech</i>	Recommended Math Electives*: Statistics (0.5) & Algebra 3 (0.5) or Introduction to College Math
SCIENCE <i>3 cr Required / 4 cr recommended</i>	Physical Science*	Biology I* <i>Acad of Ind & Tech</i>	Chemistry* <i>Acad of Ind & Tech</i>	Recommended Science Elective*: Physics
SOCIAL STUDIES <i>4 cr Required</i>	US History*	World History* <i>Acad of Ind & Tech</i>	Modern History of Hawaii (0.5) & Participation in Democracy* (0.5) <i>Acad of Ind & Tech</i>	Economics (0.5) & Psychology (0.5) <i>Acad of Ind & Tech</i>
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 (TTA41001 or TTA41002) Acad of Ind & Tech Advisory
Recommended Academy Pathway Electives			Employment Training (0.5) / Exploratory Technology (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*
<p>* Denotes course substitutions available. See pages 51 - 108 for full course offerings. Students will earn 0.5 credit Personal Transition Plan after successfully completing 4 years of Advisory.</p>				

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 • ICS 101 - Digital Tools for the Info World • 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



Business Pathway

Recommended Course Sequence

(See pages 56 - 57 for course descriptions)

SUBJECT	9th Grade	10th Grade	11th Grade	12th Grade
LANGUAGE ARTS <i>4 cr Required</i>	English Language Arts 1*	English Language Arts 2* <i>Acad of Ind & Tech</i>	English Language Arts 3* <i>Acad of Ind & Tech</i>	English Language Arts 4* <i>Acad of Ind & Tech</i>
MATH <i>3 cr Required / 4 cr recommended</i>	Algebra 1*	Geometry* <i>Acad of Ind & Tech</i>	Algebra 2* <i>Acad of Ind & Tech</i>	Recommended Math Electives*: Statistics (0.5) & Algebra 3 (0.5) or Introduction to College Math
SCIENCE <i>3 cr Required / 4 cr recommended</i>	Physical Science*	Biology I* <i>Acad of Ind & Tech</i>	Chemistry* <i>Acad of Ind & Tech</i>	Recommended Science Elective*: Physics
SOCIAL STUDIES <i>4 cr Required</i>	US History*	World History* <i>Acad of Ind & Tech</i>	Modern History of Hawaii (0.5) & Participation in Democracy* (0.5) <i>Acad of Ind & Tech</i>	Economics (0.5) & Psychology (0.5) <i>Acad of Ind & Tech</i>
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 (TBI4100) Acad of Ind & Tech Advisory
Recommended Academy Pathway Electives			Employment Training (0.5) / Elective (0.5)	Marketing Operations (TBM4000)
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*	1 of the following Fine Arts* World Language* General Elective*
<p>* Denotes course substitutions available. See pages 51 - 105 for full course offerings. + Students will earn 0.5 credit Personal Transition Plan after successfully completing 4 years of Advisory.</p>				

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 • ICS 101 - Digital Tools for the Info World • 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



Construction Pathway

Recommended Course Sequence

(See pages 58 - 59 for course descriptions)

SUBJECT	9th Grade	10th Grade	11th Grade	12th Grade
LANGUAGE ARTS <i>4 cr Required</i>	English Language Arts 1*	English Language Arts 2* <i>Acad of Ind & Tech</i>	English Language Arts 3* <i>Acad of Ind & Tech</i>	English Language Arts 4* <i>Acad of Ind & Tech</i>
MATH <i>3 cr Required / 4 cr recommended</i>	Algebra 1*	Geometry in Construction* <i>Acad of Ind & Tech</i>	Algebra 2* <i>Acad of Ind & Tech</i>	Recommended Math Electives*: Statistics (0.5) & Algebra 3 (0.5) or Introduction to College Math
SCIENCE <i>3 cr Required / 4 cr recommended</i>	Physical Science*	Biology I* <i>Acad of Ind & Tech</i>	Chemistry* <i>Acad of Ind & Tech</i>	Recommended Science Elective*: Physics
SOCIAL STUDIES <i>4 cr Required</i>	US History*	World History* <i>Acad of Ind & Tech</i>	Modern History of Hawaii (0.5) & Participation in Democracy* (0.5) <i>Acad of Ind & Tech</i>	Economics (0.5) & Psychology (0.5) <i>Acad of Ind & Tech</i>
CTE Program of Study Course	Freshman Acad Advisory	Foundations of Construction (TCF10006) Acad of Ind & Tech Advisory	Residential & Commercial Construction 1 (TCR2000) Acad of Ind & Tech Advisory	Residential & Commercial Construction Work-Based Learning (TCR41001 or TCR41002) Acad of Ind & Tech Advisory
Recommended Academy Pathway Electives			Employment Training (0.5) / Exploratory Technology (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*
<p>* Denotes course substitutions available. See pages 51 - 105 for full course offerings. + Students will earn 0.5 credit Personal Transition Plan after successfully completing 4 years of Advisory.</p>				

Check us out on Instagram [@whswoodshop_makindust](#)

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 • ICS 101 - Digital Tools for the Info World • 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



Engineering Pathway

Recommended Course Sequence

(See pages 60 - 61 for course descriptions)

SUBJECT	9th Grade	10th Grade	11th Grade	12th Grade
LANGUAGE ARTS <i>4 cr Required</i>	English Language Arts 1*	English Language Arts 2* <i>Acad of Ind & Tech</i>	English Language Arts 3* <i>Acad of Ind & Tech</i>	English Language Arts 4* <i>Acad of Ind & Tech</i>
MATH <i>3 cr Required / 4 cr recommended</i>	Algebra 1*	Geometry* <i>Acad of Ind & Tech</i>	Algebra 2* <i>Acad of Ind & Tech</i>	Recommended Math Electives*: Statistics (0.5) & Algebra 3 (0.5) or Introduction to College Math
SCIENCE <i>3 cr Required / 4 cr recommended</i>	Physical Science*	Biology I* <i>Acad of Ind & Tech</i>	Chemistry* <i>Acad of Ind & Tech</i>	Recommended Science Elective*: Physics
SOCIAL STUDIES <i>4 cr Required</i>	US History*	World History* <i>Acad of Ind & Tech</i>	Modern History of Hawaii (0.5) & Participation in Democracy* (0.5) <i>Acad of Ind & Tech</i>	Economics (0.5) & Psychology (0.5) <i>Acad of Ind & Tech</i>
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) / Exploratory Technology (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*	0 or 1 of the following Fine Arts* World Language* General Elective*	2 of the following Fine Arts* World Language* General Elective*
<p>* 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.</p>				

Aligned School Organization(s)
Waiakea High School Robotics Program
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 • ICS 101 - Digital Tools for the Info World • 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

To empower all Arts and Communication Academy students to pursue passions that employ creative values, entrepreneurship and self-expression.

MISSION

The Arts and Communication Academy encompasses the Computer Science & Programming, Creative Media and Entrepreneurship (starting your own business) 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

Careers listed in **Bold** have been identified by the State’s CTE Office as being “in-demand occupations that pay a living wage in Hawai‘i.”

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 Theater
- 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
- 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 or the Computer Science & Programming Pathway.

- Archivist
- Fashion Arts and Technology
- Fashion Designer
 - Hairdresser/stylist**
 - Makeup Artist/ Cosmetologist**
 - Skincare Specialist**
- 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 62 - 63 for course descriptions)

SUBJECT	9th Grade	10th Grade	11th Grade	12th Grade
LANGUAGE ARTS <i>4 cr Required</i>	English Language Arts 1*	English Language Arts 2* <i>Arts & Comm Acad</i>	English Language Arts 3* <i>Arts & Comm Acad</i>	English Language Arts 4* <i>Arts & Comm Acad</i>
MATH <i>3 cr Required / 4 cr recommended</i>	Algebra 1*	Geometry* <i>Arts & Comm Acad</i>	Algebra 2* <i>Arts & Comm Acad</i>	Recommended Math Electives*: Statistics (0.5) & Algebra 3 (0.5) or Introduction to College Math
SCIENCE <i>3 cr Required / 4 cr recommended</i>	Physical Science*	Biology I* <i>Arts & Comm Acad</i>	Chemistry* <i>Arts & Comm Acad</i>	Recommended Science Electives*: Physics
SOCIAL STUDIES <i>4 cr Required</i>	US History*	World History* <i>Arts & Comm Acad</i>	Modern History of Hawaii (0.5) & Participation in Democracy* (0.5) <i>Arts & Comm Acad</i>	Economics (0.5) & Psychology (0.5) <i>Arts & Comm Acad</i>
CTE Program of Study Course	Foundations of Computer Systems & Technology (TIF1000) Freshman Acad Advisory	Programming 1 (TIP2000) <i>Arts & Comm Acad Advisory</i>	Programming 2 (TIP3000) <i>Arts & Comm Acad Advisory</i>	Programming Work-Based Learning (TIP4100) <i>Arts & Comm Acad Advisory</i>
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*
<p>* 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.</p>				

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 • ICS 101 - Digital Tools for the Info World • 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 2024 and Beyond	
<input type="checkbox"/> C or better in CTE Pathway classes in an Arts & Communication Pathway, including Work-Based Learning <input type="checkbox"/> 1 or more World Language credits <input type="checkbox"/> Successful Completion of the PTP	



Creative Media Pathway

Recommended Course Sequence

(See page 64 for course descriptions)

SUBJECT	9th Grade	10th Grade	11th Grade	12th Grade
LANGUAGE ARTS <i>4 cr Required</i>	English Language Arts 1*	English Language Arts 2* <i>Arts & Comm Acad</i>	English Language Arts 3* <i>Arts & Comm Acad</i>	English Language Arts 4* <i>Arts & Comm Acad</i>
MATH <i>3 cr Required / 4 cr recommended</i>	Algebra 1*	Geometry* <i>Arts & Comm Acad</i>	Algebra 2* <i>Arts & Comm Acad</i>	Recommended Math Electives*: Statistics (0.5) & Algebra 3 (0.5) or Introduction to College Math
SCIENCE <i>3 cr Required / 4 cr recommended</i>	Physical Science*	Biology I* <i>Arts & Comm Acad</i>	Chemistry* <i>Arts & Comm Acad</i>	Recommended Science Electives*: Physics
SOCIAL STUDIES <i>4 cr Required</i>	US History*	World History* <i>Arts & Comm Acad</i>	Modern History of Hawaii (0.5) & Participation in Democracy* (0.5) <i>Arts & Comm Acad</i>	Economics (0.5) & Psychology (0.5) <i>Arts & Comm Acad</i>
CTE Program of Study Course	Foundations of Creative Media (TCC1000) Freshman Acad Advisory	Digital Video Tech (TCV2000) Arts & Comm Acad Advisory	Film & Media Production 1 (TCP3000) Arts & Comm Acad Advisory	Film Media Prod Work-Based Learning (TCP4100) 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 • ICS 101 - Digital Tools for the Info World • 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 2024 and Beyond

- C or better in CTE Pathway classes in an Arts & Communication Pathway, including Work-Based Learning
- 1 or more World Language credits
- Successful Completion of the PTP



Entrepreneurship Pathway

Recommended Course Sequence

(See pages 65 - 67 for course descriptions)

SUBJECT	9th Grade	10th Grade	11th Grade	12th Grade
LANGUAGE ARTS <i>4 cr Required</i>	English Language Arts 1*	English Language Arts 2* <i>Arts & Comm Acad</i>	English Language Arts 3* <i>Arts & Comm Acad</i>	English Language Arts 4* <i>Arts & Comm Acad</i>
MATH <i>3 cr Required / 4 cr recommended</i>	Algebra 1*	Geometry* <i>Arts & Comm Acad</i>	Algebra 2* <i>Arts & Comm Acad</i>	Recommended Math Electives*: Statistics (0.5) & Algebra 3 (0.5) or Introduction to College Math
SCIENCE <i>3 cr Required / 4 cr recommended</i>	Physical Science*	Biology I* <i>Arts & Comm Acad</i>	Chemistry* <i>Arts & Comm Acad</i>	Recommended Science Electives*: Physics
SOCIAL STUDIES <i>4 cr Required</i>	US History*	World History* <i>Arts & Comm Acad</i>	Modern History of Hawaii (0.5) & Participation in Democracy* (0.5) <i>Arts & Comm Acad</i>	Geography (0.5) & Global Studies (0.5) <i>Arts & Comm Acad</i>
CTE Program of Study Course	Foundations of Entrepreneurship (TBB10004) Freshman Acad Advisory	Entrepreneurship 1 (TBE2000) Arts & Comm Acad Advisory	Fine Arts Elective or Foundations of Culinary Arts (TTU1000) Arts & Comm Acad Advisory	Entrepreneurship Work-Based Learning (TBE4100) Arts & Comm Acad Advisory
Recommended Pathway Electives	<i>Careers in Fine Arts - Take electives in the row below.</i>			
	Level 1 Fine Arts	Level 2 Fine Arts	Level 3 Fine Arts	Directed Studies Fine Arts
	<i>Careers in Culinary - Take electives in the row below.</i>			
			Found of Culinary Arts (TTU1000)	Culinary Arts Food Prep (TTP2000)
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 or 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 • ICS 101 - Digital Tools for the Info World • 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 2024 and Beyond

- C or better in CTE Pathway classes in an Arts & Communication Pathway, including Work-Based Learning
- 1 or more World Language credits
- Successful Completion of the PTP



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

Careers listed in **Bold** have been identified by the State's CTE Office as being "in-demand occupations that pay a living wage in Hawai'i."

Nursing & Medical Pathway

- Anesthesiologist
- Certified Medical Assistant**
- Certified Nursing Assistant (CNA)**
- Clinical Laboratory Technologists/Technicians**
- Dental Hygienist/Assistant**
- Dentist**
- Licensed Practical Nurse (LPN)**
- Medical Doctor
- Medical Examiner
- Ophthalmologist
- Pathologist
- Phlebotomists**
- 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
- Respiratory Therapist**
- Speech Pathologist





Emergency Medical Technician Pathway Recommended Course Sequence

(See page 67 for course descriptions)

SUBJECT	9th Grade	10th Grade	11th Grade	12th Grade
LANGUAGE ARTS <i>4 cr Required</i>	English Language Arts 1	English Language Arts 2 <i>Health Services Academy</i>	English Language Arts 3* <i>Health Services Academy</i>	English Language Arts 4* <i>Health Services Academy</i>
MATH <i>3 cr Required / 4 cr recommended</i>	Algebra 1*	Geometry* <i>Health Services Academy</i>	Algebra 2* <i>Health Services Academy</i>	Recommended Math Electives*: Statistics (0.5) & Algebra 3 (0.5) or Introduction to College Math
SCIENCE <i>3 cr Required / 4 cr recommended</i>	Physical Science*	Biology I* <i>Health Services Academy</i>	Chemistry* <i>Health Services Academy</i>	Recommended Science Elective*: Physics
SOCIAL STUDIES <i>4 cr Required</i>	US History*	World History* <i>Health Services Academy</i>	Modern History of Hawaii (0.5) & Participation in Democracy* (0.5) <i>Health Services Academy</i>	Sociology (0.5) & Psychology (0.5) <i>Health Services Academy</i>
CTE Program of Study Course	Freshman Acad Advisory	Foundations of Health Services (THF1000) <i>Health Services Acad Advisory</i>	Advanced Health Services (THA2000) <i>Health Services Acad Advisory</i>	Emergency Medical Services Work-Based Learning (THM4100) <i>Health Services Acad Advisory</i>
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 • ICS 101 - Digital Tools for the Info World • 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 • HIPPA • Employability Skills • Nursing Assistant • OSHA	
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
Kapiolani Community College	Radiologic Technology, AS
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	
<input type="checkbox"/> Foundations of Health Services <input type="checkbox"/> Advanced Health Services <input type="checkbox"/> Emergency Medical Services 1 <input type="checkbox"/> Emergency Medical Services Work-Based Learning <input type="checkbox"/> 40 Community Service Hours (Health related)	<input type="checkbox"/> PE/Health Electives (2 semesters): Health Strategies, Individual/Dual Sports, Recreational Leadership, Team Sports, Weight & Resistance Training <input type="checkbox"/> CPR/First Aid Certification



Nursing & Medical Pathway

Recommended Course Sequence

(See page 68 for course descriptions)

SUBJECT	9th Grade	10th Grade	11th Grade	12th Grade
LANGUAGE ARTS <i>4 cr Required</i>	English Language Arts 1	English Language Arts 2 <i>Health Services Academy</i>	English Language Arts 3* <i>Health Services Academy</i>	English Language Arts 4* <i>Health Services Academy</i>
MATH <i>3 cr Required / 4 cr recommended</i>	Algebra 1*	Geometry* <i>Health Services Academy</i>	Algebra 2* <i>Health Services Academy</i>	Recommended Math Electives*: Statistics (0.5) & Algebra 3 (0.5) or Introduction to College Math
SCIENCE <i>3 cr Required / 4 cr recommended</i>	Physical Science*	Biology I* <i>Health Services Academy</i>	Chemistry* <i>Health Services Academy</i>	Recommended Science Elective*: Physics
SOCIAL STUDIES <i>4 cr Required</i>	US History*	World History* <i>Health Services Academy</i>	Modern History of Hawaii (0.5) & Participation in Democracy* (0.5) <i>Health Services Academy</i>	Sociology (0.5) & Psychology (0.5) <i>Health Services Academy</i>
CTE Program of Study Course	Freshman Acad Advisory	Foundations of Health Services (THF1000) <i>Health Services Acad Advisory</i>	Advanced Health Services (THA2000) <i>Health Services Acad Advisory</i>	Nursing Services Work-Based Learning (THS4100) <i>Health Services Acad Advisory</i>
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 - 10 5for 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 • ICS 101 - Digital Tools for the Info World • 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 • HIPPA • Employability Skills • Nursing Assistant • OSHA	
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	
<input type="checkbox"/> Foundations of Health Services <input type="checkbox"/> Advanced Health Services <input type="checkbox"/> Nursing Services 1 <input type="checkbox"/> Nursing Services Work-Based Learning <input type="checkbox"/> 40 Community Service Hours (Health related)	<input type="checkbox"/> PE/Health Electives (2 semesters): Health Strategies, Individual/Dual Sports, Recreational Leadership, Team Sports, Weight & Resistance Training <input type="checkbox"/> 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 a three year experience of integrated projects and community partnerships to students who are passionate in the areas of human services, education, legal and protective services, environmental sciences, or natural resources.

CAREER LISTING

Careers listed in **Bold** have been identified by the State’s CTE Office as being “in-demand occupations that pay a living wage in Hawai‘i.”

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)**
- Detective**
- 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





Education & Human Services Pathway

Recommended Course Sequence

(See pages 69 - 70 for course descriptions)

SUBJECT	9th Grade	10th Grade	11th Grade	12th Grade
LANGUAGE ARTS <i>4 cr Required</i>	English Language Arts 1*	English Language Arts 2* <i>Public Svs Acad</i>	English Language Arts 3* <i>Public Svs Acad</i>	English Language Arts 4* <i>Public Svs Acad</i>
MATH <i>3 cr Required / 4 cr recommended</i>	Algebra 1*	Geometry* <i>Public Svs Acad</i>	Algebra 2* <i>Public Svs Acad</i>	Recommended Math Electives*: Statistics (0.5) & Algebra 3 (0.5) or Introduction to College Math
SCIENCE <i>3 cr Required / 4 cr recommended</i>	Physical Science*	Biology I* <i>Public Svs Acad</i>	Chemistry* <i>Public Svs Acad</i>	Recommended Science Electives*: Physics
SOCIAL STUDIES <i>4 cr Required</i>	US History*	World History* <i>Public Svs Acad</i>	Modern History of Hawaii (0.5) & Participation in Democracy* (0.5) <i>Public Svs Acad</i>	Sociology (0.5) & Psychology (0.5) <i>Public Svs Acad</i>
CTE Program of Study Course	Freshman Acad Advisory	Foundations of Education & Human Services (TEF1000) Public Services Acad Advisory	Human and Social Services Professionals 2+ (TEL3000) 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*
<p align="center">* Denotes course substitutions available. See pages 51 - 108 for full course offerings. + Combined with Human & Social Service Professionals 1 Students will earn .5 credit Personal Transition Plan after successfully completing 4 years of Advisory.</p>				

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 • ICS 101 - Digital Tools for the Info World • 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
Brigham Young University	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



Environmental Systems Pathway

Recommended Course Sequence

(See page 71 for course descriptions)

SUBJECT	9th Grade	10th Grade	11th Grade	12th Grade
LANGUAGE ARTS <i>4 cr Required</i>	English Language Arts 1*	English Language Arts 2* <i>Public Svs Acad</i>	English Language Arts 3* <i>Public Svs Acad</i>	English Language Arts 4* <i>Public Svs Acad</i>
MATH <i>3 cr Required / 4 cr recommended</i>	Algebra 1*	Geometry* <i>Public Svs Acad</i>	Algebra 2* <i>Public Svs Acad</i>	Recommended Math Electives*: Statistics (0.5) & Algebra 3 (0.5) or Introduction to College Math
SCIENCE <i>3 cr Required / 4 cr recommended</i>	Physical Science*	Biology I* <i>Public Svs Acad</i>	Chemistry* <i>Public Svs Acad</i>	Recommended Science Electives*: Physics
SOCIAL STUDIES <i>4 cr Required</i>	US History*	World History* <i>Public Svs Acad</i>	Modern History of Hawaii (0.5) & Participation in Democracy* (0.5) <i>Public Svs Acad</i>	Sociology (0.5) & Psychology (0.5) <i>Public Svs Acad</i>
CTE Program of Study Course	Foundations of Agriculture, Food, & Natural Resources (TAO1000) Freshman Acad Advisory	Principles of Food Production (TAP2000) Public Services Acad Advisory	Food Production & Process Systems 1 (TAD3000) Public Services Acad Advisory	Food Production & Process Systems Work-Based Learning (TAD4100) 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*
<p>* 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.</p>				

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 • ICS 101 - Digital Tools for the Info World • 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 72 for course descriptions)

SUBJECT	9th Grade	10th Grade	11th Grade	12th Grade
LANGUAGE ARTS <i>4 cr Required</i>	English Language Arts 1*	English Language Arts 2* <i>Public Svs Acad</i>	English Language Arts 3* <i>Public Svs Acad</i>	English Language Arts 4* <i>Public Svs Acad</i>
MATH <i>3 cr Required / 4 cr recommended</i>	Algebra 1*	Geometry* <i>Public Svs Acad</i>	Algebra 2* <i>Public Svs Acad</i>	Recommended Math Electives*: Statistics (0.5) & Algebra 3 (0.5) or Introduction to College Math
SCIENCE <i>3 cr Required / 4 cr recommended</i>	Physical Science*	Biology I* <i>Public Svs Acad</i>	Chemistry* <i>Public Svs Acad</i>	Recommended Science Electives*: Physics
SOCIAL STUDIES <i>4 cr Required</i>	US History*	World History* <i>Public Svs Acad</i>	Modern History of Hawaii (0.5) & Participation in Democracy* (0.5) <i>Public Svs Acad</i>	Sociology (0.5) & Psychology (0.5) <i>Public Svs Acad</i>
CTE Program of Study Course	Freshman Acad Advisory	Foundations of Legal & Protective Services (TLL1000) Public Services Acad Advisory	Law Enforcement Services 2+ (TLE3000) 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*
<p>* Denotes course substitutions available. See pages 51 - 105 for full course offerings. + Combined with Law Enforcement Services 1 Students will earn .5 credit Personal Transition Plan after successfully completing 4 years of Advisory.</p>				

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 • ICS 101 - Digital Tools for the Info World • 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. 74 - 75) section for full course description.

LCY1010UE	English Language Arts 1 – Grade 9	
LCY2010UE	English Language Arts 2 – Grade 10	
LCY3010UE	English Language Arts 3 – Grade 11	
LCY4010UE	English Language Arts 4 – Grade 12	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit each course</i>

Social Studies: See Social Studies (p. 93 - 96) section for full course description.

CHU1100UE	U.S. History and Government	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
CHW1100UE	World History and Culture	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
CHR1100UE	Modern History of Hawai'i	Semester
<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit</i>
CGU1100UE	Participation In Democracy	Semester
<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit</i>
CGW2400UE	Global Studies	Semester
<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit</i>
CSD2100UE	Geography	Semester
<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit</i>

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
<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit each</i>

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
<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit for 60 hrs</i>
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. 74 - 76, Math: p. 87 - 89, Science: p. 90 - 92 and Social St: p. 93 - 96) for course offerings.** See ALPSS counselor for more information on program offerings.

Courses:

English Language Arts (1 credit/year)

LCY1010UA – English 1 (9th Grade)
LCY2010UA – English 2 (10th Grade)
LCY3010UA – English 3 (11th Grade)
LCY4010UA – English 4 (12th Grade)

Social Studies (0.5 credit /semester)

CGU1100UA – Part. in a Democracy
CHR1100UA – Modern History of Hawai‘i
CSD2100UA – Geography
CGW2400UA – Global Studies

Mathematics (1 credit/year)

MAX1150UA – Algebra 1
MGX1150UA – Geometry
MAX1180UA – MOW 2

Social Studies (1 credit/year)

CHU1100UA – U.S. History (year)
CHW1100UA – World History

Science (1 credit/year)

SPH2603UA – Physical Science
SLH2203UA – Biology
SEH2003UA – Earth Systems Science

Physical Ed. & Health (0.5 credit /sem)

PEP1005UA – PE Lifetime Fitness
PEP1010UA – PE Lifetime Activities
HLE1000UA – Health Today & Tomorrow

Special Elective Courses (1 credit / year)

FVB1000UA – General Art 1
FVB2000UA – General Art 2

Elective Courses

MSW1009UA/MSW1010UA/MSW1011UA – Math Workshop 9/10/11 (0.5 credit/semester)
LLHx013UA/LLHx014UA – Eng LA Lab 1/2/3/4 (0.5 credit/semester)
XLH2001UA – Community Service (0.5 credit for 60 hours of service)
TGG1100UA – Career and Life Planning (0.5 credit)
TGG1104UA – Advanced Guidance (0.5 credit)
PFP1310UA/1320UA/1330UA/1340UA - 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

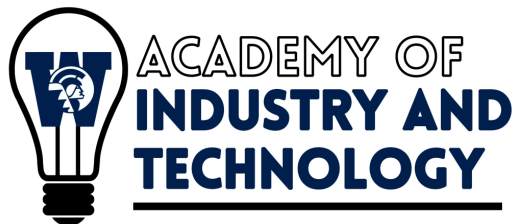
CAREER & TECHNICAL EDUCATION (CTE)

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
<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit</i>
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).



Automotive Pathway

Foundations of Automotive Maintenance &

TTF1000	Light Repair	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

Special Notation: Grades 12. This is the 4th 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.

TGG11041	Employment Training (Advanced Guidance)	Semester
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<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit</i>
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Special Notation: Grade 10-12. The 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

TGG14001	Microsoft Office Mastery (Exploratory Technology)	Semester
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<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit</i>
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Special Notation: Grade 10-12. This is a **REQUIRED** course for students entering the Academy of Industry & Technology (11th Grade)

This semester-long course will provide high school students with an introduction to the essential Microsoft Office applications (Word, PowerPoint, Excel), giving them tools that are widely used in professional settings. Through a combination of hands-on activities, projects, and tutorials, students will develop a solid foundation, preparing them for the world of work?

TTA41001	Automotive Maintenance & Light Repair	Year
TTA41002	Work-Based Learning	

<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
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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 Work-Based Learning 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. 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.

TTA41001 – For students who want an internship / work experience. This is an early release period once students complete classroom requirements. It is highly recommended that students have transportation.

TTA41002 – For students who want to complete a project (ex. Fix your own car). This option is for students who are not able to have an early release period due to transportation issues or will not have their driver's license during their senior school year. Students are also required to register for an Automotive Pathway elective course in addition to Work-Based Learning.

Business Pathway

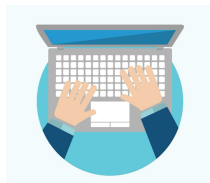
TBB10001	Foundations of Business & Marketing	Year
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Course Number

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
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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
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Course Number

Course Title

1 credit

Special Notation: Grades 11 - 12. This is the 3rd **REQUIRED** 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 research, 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.



TBM4000	Marketing Operations	Year
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Course Number

Course Title

1 credit

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

Prerequisite: Successful completion of Business Strategies & Planning (TBS3000).

Marketing Operations is designed to inform students about the use of promotional concepts, visual merchandising, marketing campaigns, and the use of marketing information to inform and persuade product choice and increase consumer sales. Start a **REAL BUSINESS**, work with mentors in the community, apply your business skills and successfully sell a product/service. Upon completion of the course, a proficient student will be able to develop marketing and promotional plans based on consumer desires and needs. 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 complete the program of study.

TGG11041	Employment Training (Advanced Guidance)	Semester
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<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit</i>
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Special Notation: Grade 10-12. The 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

TBI4100	Business Management Work-Based Learning	Year
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<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
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Special Notation: Grade 12. This is a **REQUIRED** course for students in the Academy of Industry and Technology's Business Pathway (12th Grade). This is an early release period once students complete class requirements. It is highly recommended that students have transportation.

Business Management Work-Based Learning is the capstone course in the Business Management program of study. It provides on-the-job work experience in a business environment. Learn the basics of business, practice the knowledge and skills learned needed to succeed in the real world. Receive training from participating employers in the community and learn what it is REALLY like to obtain and hold a job. This course provides students with an opportunity to meet the Senior Project requirements and complete a portfolio documenting evidence of mastery of the program standards and readiness for postsecondary education and/or the workforce.

Construction Pathway

Check us out on Instagram [@whswoodshop_makindust](#)

TCF1000	Foundations of Construction	Year
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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
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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
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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.

TAM1000	Foundations of Manufacturing	Year
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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
<i>Course Number</i>	<i>Course Title</i>		<i>1 credit</i>
Special Notation:	Grades 12.	This is an ELECTIVE course for the Academy of Industry & Technology's Construction Pathway (12 th 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.

TGG11041	Employment Training (Advanced Guidance)	Semester
<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit</i>

Special Notation: Grade 10-12. The 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

TGG14001	Microsoft Office Mastery (Exploratory Technology)	Semester
<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit</i>

Special Notation: Grade 10-12. This is a **REQUIRED** course for students entering the Academy of Industry & Technology (11th Grade)

This semester-long course will provide high school students with an introduction to the essential Microsoft Office applications (Word, PowerPoint, Excel), giving them tools that are widely used in professional settings. Through a combination of hands-on activities, projects, and tutorials, students will develop a solid foundation, preparing them for the world of work?

TCR41001	Residential & Commercial Construction	Year
TCR41002	Work-Based Learning	
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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 Work-Based Learning 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 work-based 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.

TCR41001 – For students who want an internship / work experience. This is an early release period once students complete class requirements. It is highly recommended that students have transportation.

TCR41002 – For student who want to complete an on-campus or in-class project. This option is for students who are not able to have an early release period due to transportation issues or will not have their driver's license during their senior school year.

Engineering Pathway

TAE1000	Foundations of Engineering Technology	Year
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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
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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.

TAM1000	Foundations of Manufacturing	Year
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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.

TAR2000	Automation & Robotics Technology 1	Year
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<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
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Special Notation: Grades 12. 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.

TGG11041	Employment Training (Advanced Guidance)	Semester
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<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit</i>
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Special Notation: Grade 10-12. The 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

TGG14001	Microsoft Office Mastery (Exploratory Technology)	Semester
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<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit</i>
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Special Notation: Grade 10-12. This is a **REQUIRED** course for students entering the Academy of Industry & Technology (11th Grade)

This semester-long course will provide high school students with an introduction to the essential Microsoft Office applications (Word, PowerPoint, Excel), giving them tools that are widely used in professional settings. Through a combination of hands-on activities, projects, and tutorials, students will develop a solid foundation, preparing them for the world of work?

TAE4100	Engineering Technology Work-Based Learning	Year
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<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
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Special Notation: Grade 12. This is a **REQUIRED** course for students in the Academy of Industry and Technology's Engineering Technology Pathway (12th Grade). **HIGHLY RECOMMENDED** for students pursuing STEM Honors Recognition.

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, applying for a job and reflect on program goals and aspirations. Instruction will be delivered through the classroom environment in conjunction with a project - based learning experience. The student will finalize a digital course portfolio providing evidence of mastery of program standards and readiness for postsecondary and the workforce.

TAE41001 – For students who want an internship / work experience. This is an early release period once students complete class requirements. It is highly recommended that students have transportation.

TAE41002 – For students who plan to complete a STEM senior project to fulfill the STEM honors requirement



Computer Science & Programming Pathway

Foundations of Computer Systems & Technology

TIF1000		Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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.

Programming Mobile Applications & Game Development

TIP3000		Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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.

Creative Media Pathway

TCC1000	Foundations of Creative Media	Year
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Course Number

Course Title

1 credit

Special Notation: Grades 9 - 12. This is the 1st **REQUIRED** course of the Arts & Communication 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.

TCV2000	Digital Video Technology	Year
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Course Number

Course Title

1 credit

Special Notation: Grades 10 - 12. This is the 2nd **REQUIRED** course of the Arts & Communication 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) or Foundations of Creative Media (TCC1000).
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.

TCP3000	Film & Media Production 1	Year
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Course Number

Course Title

1 credit

Special Notation: Grades 11 or 12. This is the 3rd course of the Arts & Communication 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) or Digital Video Technology (TCV2000).
Approval of instructor required.

This course is designed to give students hands-on opportunities in television news production and digital media storytelling. 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. Emphasis will be placed on designs and products that meet specific goals or criteria for a target audience or client.

TCP4100	Film Media Production Work-Based Learning	Year
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Course Number

Course Title

1 credit

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

Film Media Production: WBL is the capstone course in the Creative Media 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 related to film and media production, necessary steps toward applying for a postsecondary program or 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.

Entrepreneurship Pathway

TBB10004	Foundations of Entrepreneurship	Year
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Course Number

Course Title

1 credit

Special Notation: Grade 9 - 12. This is the 1st **REQUIRED** course for students entering the Arts & Communication Academy's Entrepreneurship Pathway (9th or 10th Grade).

Foundations of Entrepreneurship (SY 23-24 it was called Foundations of Business & Marketing) is an introductory course designed to inform students about the various ways in which people can market their creative talents, as well as basic business concepts. This Level 1 course serves as the foundation course for the Entrepreneurship program of study. Upon completion of the course, a proficient student will have foundational knowledge of business 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
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Course Number

Course Title

1 credit

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

Prerequisite: Successful completion of Foundations of Entrepreneurship (TBB10004) or 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, Applied Music, Band, Ceramics, Drawing & Painting, General Art, Ukulele).

TTU1000	Foundations of Culinary Arts	Year
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Course Number

Course Title

1 credit

Special Notation: Grades 11 or 12. This is an **ELECTIVE** course of the Arts & Communication Academy's Entrepreneurship Pathway (11th or 12th Grade).
A \$10 fee will be assessed for expendable materials and supplies.

Prerequisite: For Entrepreneurship Pathway Students - Successful completion of Foundations of Entrepreneurship (TBB10004) and completion of or concurrent enrollment in Entrepreneurship 1 (TBE2000).
For all other students - Approval of instructor required.

Foundations of Culinary Arts is an introductory course designed to inform students about careers in the food prep and service industries or related fields, basic nutritional and cooking concepts, and the history and influence of culture on food. Upon completion of this course, a proficient student will demonstrate proper safety protocols in a commercial kitchen and proper use of small and large equipment and supplies. The student will also correctly convert measures and have foundational knowledge of nutrition and cooking techniques and the role of culture in food creation.

Entrepreneurship Pathway Students - This course should be taken concurrently with or after Entrepreneurship 1 (TBE2000).

TTP2000	Culinary Arts Food Preparation		Year
<i>Course Number</i>		<i>Course Title</i>	<i>1 credit</i>
Special Notation:	Grades 12.	This is an ELECTIVE course of the Arts & Communication Academy's Entrepreneurship Pathway (12 th Grade). A \$10 fee will be assessed for expendable materials and supplies.	
Prerequisite:	Successful completion of Culinary 1 (TPU7216) or Foundations of Culinary Arts (TTU1000). Approval of instructor required.		

This course is designed to qualify an individual for entry-level positions in the food industry. Upon completion, a student will possess working knowledge of commercial kitchen safety and sanitation, menu planning, basic cooking and food prep principles, plating and table preparation standards, storeroom control and care of supplies and equipment. The influence of culture on cuisine will also be explored.

Entrepreneurship Pathway Students - This course should be taken after Entrepreneurship 1 (TBE2000) or with Entrepreneurship Work-Based Learning (TBE4100).

TBE4100	Entrepreneurship Work-Based Learning		Year
<i>Course Number</i>		<i>Course Title</i>	<i>1 credit</i>
Special Notation:	Grade 12.	This is the final REQUIRED course of the Arts & Communication Academy's Entrepreneurship Pathway (12 th Grade).	

Entrepreneurship: WBL is the capstone course in the Entrepreneurship 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 entrepreneurship, necessary steps toward applying for a postsecondary program or 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.



Emergency Medical Technician Pathway

THF1000	Foundations of Health Services	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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.

Emergency Medical Services Work-Based Learning

THM4100	Work-Based Learning	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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.

Nursing & Medicine Pathway

THF1000	Foundations of Health Services	Year
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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
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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
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Course Number

Course Title

1 credit

Special Notation: Grade 12. This is the 3rd 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
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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.



Education & Human Services Pathway

Foundations of Education & Human Services (Foundations of Education)

TEF1000		Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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, social-emotional learning, English Learner and special populations, and classroom management will be covered. Students will gain a fundamental understanding of the trajectory of learning and be prepared for the application of these concepts. Students 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 in this class can also earn ED110 Explorations in Education credit in the Spring.

Human and Social Services Professionals 2 (Learning Support Professionals 2)

TEL3000		Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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

TET4100	Learning	Year
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<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
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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. 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 work-based 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	Work-Based Learning	Year
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<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
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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. 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
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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.

TAD2000	Principles of Food Production	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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

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

Principles of Food Production is the second course in the Food Systems program of study designed to inform students designed to provide students with the knowledge and skills pertaining to plant and animal structural anatomy, systems physiology, genetics, and biotechnology. Upon completion of this course, a proficient student will have developed basic skills and knowledge in the economics of production, and other management approaches associated with plant and animal production, including learning foundational Hawaiian traditions and values of honoring and conserving the land and its resources.

TAD3000	Food Production & Process Systems 1	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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

Prerequisite: Successful completion of Principles of Food Production (TAD2000). Approval of instructor required.

Food Products & Processing Systems 1 is the third course in the Food Systems program of study designed for students interested in being part of the sustainability of Hawaii's food systems through plant and/or animal products. Upon completion of this course, a proficient student will have basic knowledge of the history of agriculture and food production and processing in Hawaii, the process of creating a sustainable product, start-up process to creating a business, and the importance of food safety and sanitation.

Food Production & Process Systems

TAD4100	Work-Based Learning	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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

Food Systems: WBL is the capstone course in the Food Systems 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 food systems. Upon completion of the course, a proficient student will be able to discern multiple pathways to a career in food systems, 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 work-based learning placement, such as an internship.

Legal & Protective Services Pathway

TLL10001 TLL10002 <i>Course Number</i>	Foundations of Legal & Protective Services (Foundations of Law & Public Safety) <i>Course Title</i>	Year <i>1 credit</i>
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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).

TLL10001 - Students will learn essential concepts about careers in law enforcement, legal, and correctional systems. This introductory course serves as the foundation for the 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, explain police procedures, sentencing protocols, communication strategies, and professionalism in law enforcement 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.

TLL10002 – For those interested in the following careers: airplane pilot, aerospace engineering, unmanned aircraft systems (UAS). The Introduction to Flight course will look closely at the aircraft they may one day operate. Students will begin with an exploration of the types of aircraft in use today, how they are made, and how they fly. They will understand how aircraft are categorized, be able to identify their parts, and learn about aircraft construction techniques and materials. They will gain an in-depth understanding of the forces of flight – lift, weight, thrust, and drag – including how to make key calculations. They will then touch on aircraft design, looking at stability, aircraft controls, and maneuvering flight. The course will focus on career skills related to these topics.

TLE3000 <i>Course Number</i>	Legal & Protective Services 2 (Law Enforcement Services 2) <i>Course Title</i>	Year <i>1 credit</i>
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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 Legal & Protective Services (TLL1000). Approval of instructor required.

Law Enforcement Services 2 is the second course in the Law Enforcement Services program of study designed to equip students with the knowledge and skills to be successful in the field of criminal forensics and investigations. Students will learn crime scene investigation skills and aspects of criminal behavior. Upon completion of the course, a proficient student will be able to explain the foundations of crime scene investigation, forensic science, and criminology, and explain the trajectory of forensic science in the modern legal system. This course will provide students with 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.

TLE4100 <i>Course Number</i>	Legal & Protective Services (Law Enforcement Services) Work-Based Learning <i>Course Title</i>	Year <i>1 credit</i>
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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. 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
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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)	Semester
<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit</i>

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**



TGG1400	Microsoft Office Mastery (Exploratory Technology)	Semester
<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit</i>

Special Notation: Grade 10-12. This is a **REQUIRED** course for students entering the Academy of Industry & Technology (11th Grade)


Join us for a semester of tech-powered fun! Explore Microsoft tools like Word, PowerPoint and Excel, preparing you with skills that office pros use in their everyday life. We'll get your feet wet through hands on, creative projects, that are engaging and useful!

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	English Language Arts 1 (Grade 9)	
LCY1010H	English Language Arts 1 – Honors (Grade 9)	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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	English Language Arts 2 (Grade 10)	
LCY2010H	English Language Arts 2 – Honors (Grade 10)	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>


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 will closely read and analyze a variety of literary genres and informational texts. Units include varied learning activities, such as vocabulary building, collaboration, discussion, short responses, quizzes, and civil discourse. Units conclude with embedded assessments and projects. 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:** ethics, professionalism, problem-solving, empathy, communication
- LCY20102 English Language Arts 2 for Health Services Academy:** ethics, identity, empathy, communication
- LCY20103 English Language Arts 2 for Public Services Academy:** ethics, identity, collaboration, civil discourse
- LCY20104 English Language Arts 2 for Arts & Communications Academy:** ethics, communication, creative media

LCY3010 LCY3010H	English Language Arts 3 (Grade 11) English Language Arts 3 – Honors (Grade 11)	Year
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Course Number	Course Title	1 credit
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- 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:** industry, technology, process, innovation, ethics, communication
- LCY30102 English Language Arts 3 for Health Services Academy:** advocacy, social justice, compassion
- LCY30103 English Language Arts 3 for Public Services Academy:** origins, process, citizenship
- LCY30104 English Language Arts 3 for Arts & Communications Academy:** digital media, artistic products

LCY4010 LCY4010H	English Language Arts 4 (Grade 12) English Language Arts 4 – Honors (Grade 12)	Year
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Course Number	Course Title	1 credit
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- 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:** industry, technology, process, innovation, ethics, communication
- LCY40102 English Language Arts 4 for Health Services Academy:** accessing and analyzing information, ethics, tolerance
- LCY40103 English Language Arts 4 for Public Services Academy:** narratives, exploration, transition
- LCY40104 English Language Arts 4 for Arts & Communications Academy:** digital media, artistic products

Advanced Placement

Advanced Placement (AP) English Language & Composition

LAY6010	Language & Composition	Year
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Course Number	Course Title	1 credit
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- 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 a 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.*

Advanced Placement (AP) English Literature & Composition

LAY6100

Course Number

Course Title

Year

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-level literary analysis course designed to challenge seniors capable of intensive reading, writing, and discussion. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language, and literary analysis in the context of representative works from various genres and periods that include mature topics or themes relevant to a college-level literature course. *Registration requires a written student/parent commitment and the completion of a summer reading/writing assignment.*

Elective English

Group Communication and Leadership

LVH5330

Course Number

(Speech)

Course Title

Semester

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

Course Number

Argumentation and Debate

Course Title

Semester

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.

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.

HAWAII ONLINE COURSES (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. Hawaii Online Courses (HOC) 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 HOC. 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 HOC Site Facilitator. For more information see: <https://tinyurl.com/y5kf6eoh>

Students who participate in HOC must agree to the following rules and expectations:

- 1. Complete a Required Orientation Training** - All HOC students must successfully complete online training for Hawaii's Virtual Learning Network (HVLN)/HOC 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) – HOC 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 LEARNER (EL)

A student 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 EL Program student. Based on the **Identification, Assessment, and Programming System for Students of Limited English**, the goals of the EL 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 EL student in areas of listening, speaking, reading, and writing to achieve the goals of the EL Program.

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

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

Prerequisite: Approval of EL 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.

NEI1020/NEI1025 NEI1030/NEI1035	English for Speakers of Other Languages 1A/1B English for Speakers of Other Languages 2A/2B	Semester
<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit each</i>

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

Prerequisite: Approval of EL teacher required.

NEI1020/NEI1025 Grades 9 & 10

NEI1030/NEI1035 Grades 11 & 12

NEI1020/NEI1025 - These courses introduce the English language to the non-native English speaker. The emphasis is on developing the listening skills necessary for English oral proficiency, which will improve student's basic interpersonal communication skills (BICS). Learning activities will also introduce and stimulate the student's cognitive academic language proficiency (CALP). The goals for this course are: (1) To teach students to identify and name, in English, things and concepts common in their environment; (2) To teach the parts of speech and their correct usage through simple grammatical structures; (3) To develop aural discrimination to allow recognition of meaningful differences in the English sound system; (4) To develop pronunciation that is clear enough to be understood by native English speakers; (5) To distinguish sounds, rhythms, stress, and intonation of English, (6) To demonstrate understanding through reactions and/or appropriate verbal responses; (7) To teach a progression of reading skills that will enable the student to decode and comprehend the written word; and (8) To continue the development of the mechanics of manuscript and cursive handwriting and its association to the formation of words in the English language.

NEI1030/NEI1035 – These courses expose the non-native English speaking student to progressively complex aural/oral and literacy examples in the English language. The goals and objectives are: (1) To teach the meaning of English words in context; (2) To teach grammatical structures; (3) To teach skills for expansion of the students' sentences; (4) To continue to develop oral discrimination skills to allow for faster recognition of meaningful differences in the English sound system; (5) To develop decoding skills in English; (6) To develop comprehension skills; (7) To teach the mechanics of writing.

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. **Curriculum is based on the National Core Arts Standards (NCAS), integrates Nā Hopena A'o (HĀ), and the Common Core English Language Arts Standards.**

FVB1000	General Art 1	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
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.		

FVB2000	General Art 2	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
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 the National Core Arts Standards (NCAS), integrates Nā Hopena A'o (HĀ), and the Common Core English Language Arts Standards.

FVB3000	General Art 3	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
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 gain a deeper understanding and appreciation for historical periods, artifacts and diverse cultures. Curriculum is based on the National Core Arts Standards (NCAS), integrates Nā Hopena A'o (HĀ), and the Common Core English Language Arts Standards.

FVQ1000	Drawing and Painting 1	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
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.		

FVL1000	Ceramics 1	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
Special Notation:	Grades 9 – 12. A \$20 fee will be assessed for expendable materials/supplies.	
<p>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.</p>		

FVP1000	Photography 1	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
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.	
<p>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. <u>Students in the class will create and maintain an online portfolio.</u></p>		

FVD1000C/D/G/P	Directed Study in Art	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
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.	
<p>C - Ceramics D - Drawing and Painting G - General Art P - Photography</p>		
<p>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.</p>		

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. **Curriculum is based on the National Core Arts Standards (NCAS), integrates Nā Hopena A‘o (HĀ), and the Common Core English Language Arts Standards.**

FMB1000	Introductory Band	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
Special Notation:	Grades 9 – 12. Students must provide their own mouthpiece or drumsticks as well as small accessories (neck strap, swabs, valve oil). The school provides instruments as available.	
<p>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.</p>		

FMB2000	Band 1	Year
FMB3000	Band 2	
FMB4000	Band 3	
FMB5000	Band 4	
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

Special Notation: Grades 9 – 12. Students must provide their own mouthpiece or drumsticks as well as small accessories (neck strap, swabs, valve oil, etc.). The school provides instruments as available. This class includes graded rehearsals and performances outside of class hours. Prior notice will be given for each of these events.

Prerequisite: Successful completion of previous level or its equivalent. Students without prior band experience 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 or its equivalent. It is open to students with experience playing band instruments including flute, oboe, clarinet, saxophone, bassoon, horn, trumpet, trombone, euphonium, tuba, and percussion. In this course students will build upon their basic musicianship skills through the performance of challenging exercises and wind band literature. The band also prepares performances for the school and the community. This class includes graded rehearsals and performances outside of class hours. Prior notice will be given for each of these events.

FMC1000	Chorus 1	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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.

FME1000/2000	Applied Music 1 & 2 (Music Appreciation 1)	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

Special Notation: Grades 9 – 12.

Previously called Music Appreciation, Applied Music 1 & 2 is designed to help students acquire performance skills, musicianship qualities on an instrument, develop singing skills, or develop specialized skills in music. The instructor will develop curriculum with appropriate levels of difficulty in the music to address the unique needs of the students. In addition to the Fine Arts music standard and benchmarks, the instructor may select other national music standards appropriate for students and may integrate other Fine Arts standards.

FME3000/4000	Applied Music 3 & 4 (Music Appreciation 2)	
FME5000/6000	Applied Music 5 & 6 (Music Appreciation 3)	
FME7000/8000	Applied Music 7 & 8 (Music Appreciation 4)	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

Special Notation: Grades 10 – 12.

The Applied Music 3 - 8 are continuations of Applied Music 1 & 2 and are designed to help students develop specialized skills in music. The instructor will develop curriculum with appropriate levels of difficulty in the music to address the unique needs of the students. In addition to the Fine Arts music standard and benchmarks, the instructor may select other national music standards appropriate for students and may integrate other Fine Arts standards.

FML1000	Ukulele 1	Year
FML2000	Ukulele 2	
FML3000	Ukulele 3	
FML4000	Ukulele 4	
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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	Year
FMD2000	Directed Study in Music - 2	
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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

Curriculum is based on the National Core Arts Standards (NCAS), integrates Nā Hopena A’o (HĀ), and the Common Core English Language Arts Standards.

FTA1300	Beginning Acting	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

Special Notation: Grades 9 – 12. A \$15 fee will be assessed.

Beginning Acting focuses on creative dramatics, improvisation, scripted performance, and basic stagecraft. Students explore these areas of study through a variety of techniques including but not limited to body and vocal exercises, team building, and stage production. Additional topics of drama such as auditioning, costuming/makeup, set design, lighting, and playwriting are also covered.

FTA2000	Intermediate Acting	Year
FTA3000	Advanced Acting	
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

Special Notation: Grades 10 - 12. A \$15 fee will be assessed

Prerequisite: Approval of instructor required.

Topics of creative dramatics, improvisation, scripted performance, and stagecraft are continued and further explored with opportunity for mentorship depending on availability. Students are also given more leadership opportunities such as facilitating activities, directing, and producing.

FTD1000	Directed Studies in Drama and Theatre	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

Special Notation: Grade 12. A \$15 fee will 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

Curriculum is based on the National Core Arts Standards (NCAS), integrates Nā Hopena A’o (HĀ), and the Common Core English Language Arts Standards.

FDK1000 FDK2000 FDK3000	Hawaiian Dance 1 Hawaiian Dance 2 Hawaiian Dance 3	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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
<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit</i>

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
<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit</i>

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
<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit</i>

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. Courses are offered each semester. **Highly recommended for Health Services Academy** students.

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. Courses are offered each semester. **Highly recommended for Health Services Academy** students.

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. Courses are offered each semester. **Highly recommended for Health Services Academy** students.

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
<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit</i>

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
<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit</i>

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. The goal of the course is for students to become advocates for a healthy lifestyle for themselves, their school, and their community. 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)	Accelerated Program	
9	Algebra 1	Math Workshop	Geometry H	Algebra 1 H
10	Geometry			
	Geometry (In Construction)		Algebra 2 H	Geometry H
11	Algebra 2	Math Workshop	Trigonometry H/ Pre-Calculus H	Algebra 2 H
12	*MOW 2			
	Introduction to College Math		AP Calculus AB	Trigonometry H/ Pre-Calculus H
	Algebra 3 / Statistics			

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	Algebra 1		
MAX1155H	Algebra 1 H (Honors)		Year
<i>Course Number</i>	<i>Course Title</i>		<i>1 credit</i>

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		
MGX11506	Geometry (In Construction)		Year
<i>Course Number</i>	<i>Course Title</i>		<i>1 credit</i>

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: The use of angles in health care will be explored.

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, including pattern recognition, proportionality, and special relationships, along with communication skills are incorporated into the curriculum.


MGX1150H MGX1150H6	Geometry H (Honors) Geometry In Construction - Honors	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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 MAX1200H	Algebra 2 Algebra 2 H (Honors)	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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: Exploring functions created from structures found in everyday life and the use of functions to maximize business profit.

MAX12002 Algebra 2 for Health Services Academy: The curriculum will include medical dosage calculations and references to industry safety guidelines. Teamwork and communication will be critical elements of the course.

MAX12003 Algebra 2 for Public Services Academy: Throughout the course, problem solving and critical thinking will be emphasized.

MAX12004 Algebra 2 for Arts & Communications Academy: Throughout the course, communication, critical thinking and financial literacy will be emphasized.

MSW10091/2 MSW10111/2	Mathematics Workshop – (Algebra 1) Mathematics Workshop – (Algebra 2)	Semester
<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit each</i>

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	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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 intend to go to college and could benefit from intensive course work that will prepare them for college level credit bearing math courses. This course WILL fulfill the 4th year mathematics credit that is required for the Honors Recognition Certificates.

**MAX1310
MXX1300**

**Algebra 3
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 applied 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. Includes an introduction to data analytics.

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, and quadratic functions. This course is not equivalent to Algebra 2.

**MCX1010H
MCX1020H**

**Trigonometry H (Honors)
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. Understand and apply the processes, ways of thinking and dispositions that humans have while investigating the natural world.
2. Understand and apply current knowledge about the world around us to our curiosities and in our daily lives.

SPH2603	Physical Science	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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	Biology 1	Year
SLH2203H	Biology 1H (Honors)	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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 Academy of Industry & Technology: A focus will be placed on biotechnology and scientific innovation through biomimicry.

SLH22032 Biology 1 Health Services Academy: The following topics are incorporated into the curriculum: population density and disease spread, cell structure and function, genetics, lab skills.

SLH22033 Biology 1 Public Services Academy: A focus on wildlife conservation and the integration of science, law and policy will be made.

SLH22034 Biology 1 Arts & Communications Academy: An emphasis will be placed on multimedia communication of biological principles.

SPH3503	Chemistry	Year
SPH3503H	Chemistry H (Honors)	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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: Chemical reactions, states of matter, solubility, acids/bases, "Pollutant in the Community" Project

SPH35032 Chemistry for Health Services Academy: Chemical reactions, gas laws, metric conversions, lab skills, "Pollutant in the Community" Project


SPH35033 Chemistry for Public Services Academy: "Pollutant in the Community" Project

SPH35034 Chemistry for Arts & Communications Academy: "Pollutant in the Community" Project

SPH5603 SPH5603H	Physics Physics H (Honors)	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
Special Notation:  Grades 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.		

SIH2503	Science – Self & Society	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
Special Notation:  Grades 11 - 12.		
Prerequisite:	Credit earned for Biology (SLH2203) – required Credit earned for Chemistry (SPH3503) or taken concurrently	
This course challenges students to focus on science-related social issues and problems. It infuses the Scientific Inquiry Process and in-depth analysis of relationships between Science-Technology-Society with appropriate content from the Physical, Biological, and Earth Space Sciences. Students will conduct investigations, to develop their own perceptions of the value of science, and experience different roles: as a scientist, group member, decision maker, or problem-solver. Opportunities to confront values that result from scientific advancements and emerging technologies will be provided to enable the student to integrate these values with self. Students are to meet all benchmarks in Science Content Standards 1 and 2 in combination with appropriate selected benchmarks in Standards 3-8.		

SAH2003	Integrated Science	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
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
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
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
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
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 <u>present</u> 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 (MHH) & Participation in a Democracy (PID) **OR**
Advanced Placement (AP) World History & MHH & PID **OR**
AP US Government & Modern History of Hawai'i (PID is optional with this option)
- Grade 12: 2 Senior Electives or Advanced Placement (AP) World History or AP US Government
- H designation: Honors-intensive and analytical

CHU1100	U.S. History and Government	Year
CHU1100H	U.S. History and Government - H (Honors)	
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>


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
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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. Where enrollment purity allows, this course will provide career academy specific grouping options for collaborative learning projects and assignments. These groupings will be differentiated by career academy pathway and create opportunities for students to work in concert with one another toward developing and strengthening career specific skill sets. Topics and projects include, but are not limited to:

- CHW11001 World History for Academy of Industry & Technology:** Technological/commercial interdependence, Industrial Revolution, Great Depression, Socialism and Communism
- CHW11002 World History for Health Services Academy:** Biological exchanges (smallpox, bubonic plague, AIDs), Scientific Revolution, Effects of war and imperialism
- CHW11003 World History for Public Services Academy:** Political structures, Forced and voluntary migration, Minority histories, Effects of War and Imperialism
- CHW11004 World History for Arts & Communication Academy:** World religions, Intellectual history (Renaissance, Reformation, Enlightenment)

CHR1100
CGU1100

Modern History of Hawai'i
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. Where enrollment purity allows, this course will provide career academy specific grouping options for collaborative learning projects and assignments. These groupings will be differentiated by career academy pathway and create opportunities for students to work in concert with one another toward developing and strengthening career specific skill sets. Topics and projects include, but are not limited to:

- CHR11001 MHH for Academy of Industry & Technology:** Hōkūle'a and Hawaiian renaissance. Urban development (Waikīkī, Honolulu, Industrialists) Tourism impact on land use for resorts.
- CHR11002 MHH for Health Services Academy:** Introduced diseases throughout history. (STDs, smallpox, measles, leprosy, COVID, etc.) Queen's Hospital, Kaiser Permanente and urban developments.
- CHR11003 MHH for Public Services Academy:** Public trusts (KS, Lili'uokalani Trust, Lūnāīilo Home) Prince Kūhiō and DHHL for the rehabilitation of native Hawaiians. Political changes from Monarchy to Oligarchy to Republic to Democratic Revolution.
- CHR11004 MHH for Arts & Communication Academy:** Territorial changes in Hawai'i (influx of Tourism and multimedia/movie industry, Radio broadcasts; Hawai'i Calls) Appreciation of native tools and artifacts (ohe kapala, kapa, drums, hula implements) appreciation for art forms such as hula and lua.

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. Where enrollment purity allows, this course will provide career academy specific grouping options for collaborative learning projects and assignments. These groupings will be differentiated by career academy pathway and create opportunities for students to work in concert with one another toward developing and strengthening career specific skill sets. Topics and projects include, but are not limited to:

- CGU11001 PID for Academy of Industry & Technology:** Voting, Infrastructure, Economic systems, Marketing/Advertising
- CGU11002 PID for Health Services Academy:** Health care, Rights and Protections
- CGU11003 PID for Public Services Academy:** Government Legacies & Functions
- CGU11004 PID for Arts & Communication Academy:** Infrastructure, Voting

CGU2300
CGU2200


Political Science-Government
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

CER2300


**Hawaiian Studies
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)

CSD2300(3)

**Psychology
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.

Where enrollment purity allows, this course will provide career academy specific grouping options for collaborative learning projects and assignments. These groupings will be differentiated by career academy pathway and create opportunities for students to work in concert with one another toward developing and strengthening career specific skill sets. Topics and projects include, but are not limited to:

- CSD2200 / CSD2300 Psychology & Sociology for Academy of Industry & Technology**
- CSD2200 / CSD2300 Psychology & Sociology for Health Services Academy:** Social stratification, Culture
- CSD22003 / CSD23003 Psychology & Sociology for Public Services Academy:** Psychological Perspectives
- CSD2200 / CSD2300 Psychology & Sociology for Arts & Communications Academy**

CSD22001

CSD2500


**Psychology
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. Where enrollment purity allows, this course will provide career academy specific grouping options for collaborative learning projects and assignments. These groupings will be differentiated by career academy pathway and create opportunities for students to work in concert with one another toward developing and strengthening career specific skill sets. Topics and projects include, but are not limited to: social classes.

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. Where enrollment purity allows, this course will provide career academy specific grouping options for collaborative learning projects and assignments. These groupings will be differentiated by career academy pathway and create opportunities for students to work in concert with one another toward developing and strengthening career specific skill sets. Topics and projects include, but are not limited to: budgeting.

CSD22004

CSD25004

Course Number

Psychology

Economics

Course Title

2 Semesters

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.

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..

Where enrollment purity allows, this course will provide career academy specific grouping options for collaborative learning projects and assignments. These groupings will be differentiated by career academy pathway and create opportunities for students to work in concert with one another toward developing and strengthening career specific skill sets. Topics and projects include, but are not limited to: Media & Consumerism

CSD2100

CGW2400

Course Number

Geography

Global Studies

Course Title

2 Semesters

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. 74 - 76, Math: p. 87 - 89, Science: p. 90 - 92 and Social St: p. 93 - 96) 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	English LA (Grade 9) Laboratory A	
LLH1014S	English LA (Grade 9) Laboratory B	Semester
<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit each</i>

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.

MSW1009S1	Mathematics Workshop – (Algebra 1 - Sem 1)	
MSW1009S2	Mathematics Workshop – (Algebra 1 - Sem 2)	Semester
<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit each</i>

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	2 Semesters
<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit each</i>

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	2 Semesters
<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit each</i>

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
<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit each</i>

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
<i>Course Number</i>	<i>Course Title</i>	

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 NWS2225 NWS3335	Vocational Rehabilitation Work-Study 1 Vocational Rehabilitation Work-Study 2 Vocational Rehabilitation Work-Study 3	Year
<i>Course Number</i>	<i>Course Title</i>	

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) NSA2100(R) NSA2200(R) NSA2300(R) NSA2400(R) NSA2500(R)	Adaptive Living Skills 1 Adaptive Living Skills 2 Adaptive Living Skills 3 Adaptive Living Skills 4 Adaptive Living Skills 5 Adaptive Living Skills 6	Year
<i>Course Number</i>	<i>Course Title</i>	

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. **Curriculum is aligned with the Hawai'i World-Readiness Standards & Common Core English Language Arts Standards.**

WEF1000

Course Number

French 1

Course Title

Year

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

Course Number

French 2

Course Title


Year

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
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
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 year's 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
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
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. All course's lessons and assignments will help you develop 21st century skills, critical thinking, creativity, collaboration and communication. **All courses are aligned with the Hawai'i World-Readiness Standards & Common Core English Language Arts Standards.**

WPH1000	Hawaiian 1	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
Special Notation: 	Grades 9 - 12.	

Students will learn basic Hawaiian words, expressions and sentence structures. Speaking, reading, and writing will be emphasized. Hawaiian cultural projects will supplement language learning.

WPH2000	Hawaiian 2	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
Special Notation: 	Grades 10 - 12.	


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

Students will review what was previously learned. In addition, students will learn more vocabulary and sentence structures. Speaking, reading and writing in Hawaiian are essential components of this course. Hawaiian cultural projects will supplement language expansion.

WPH3000	Hawaiian 3	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
Special Notation: 	Grades 11 or 12.	

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

Students will review what was previously learned. Speaking, reading and writing in Hawaiian are essential components of this course. Further expansion of language skills and vocabulary development are also essential components of this course. Students will focus on written projects in the Hawaiian language.

WPH4000	Hawaiian 4	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
Special Notation: 	Grade 12.	
Prerequisite:	Successful completion of Hawaiian 3. Approval of instructor required.	


Students will review what was previously learned. Major emphasis is on vocabulary growth. Readings are of cultural and literary nature. Grammatical presentations are expanded to more complex speech patterns and usage. Research is conducted on cultural topics. Colloquial speech usage is also emphasized.


WPH8000	Hawaiian Conversation and Culture	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
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. **Curriculum is aligned with the Hawai'i World-Readiness Standards & Common Core English Language Arts Standards.**

WAJ1000	Japanese 1	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
Special Notation: 	Grades 9 - 12.	
	Students will practice how to communicate and present on very familiar topics using a variety of words and phrases that they have practiced and memorized. Hiragana letters will be introduced and practiced, and students will read and write learned or memorized words and phrases in Hiragana.	

WAJ2000	Japanese 2	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
Special Notation: 	Grades 10 - 12.	
Prerequisite:	Successful completion of Japanese 1. Approval of instructor required.	

Students will practice how to communicate and exchange information about familiar topics using phrases and simple sentences, sometimes supported by memorized language. Katakana letters will be introduced. Students will practice asking and answering simple questions to handle short social interactions in everyday situations, reading and understanding familiar words, phrases, and sentences within short and simple texts, and writing short messages and notes on familiar topics related to everyday life using Hiragana and Katakana.

WAJ3000	Japanese 3	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
Special Notation: 	Grades 11 or 12.	
Prerequisite:	Successful completion of Japanese 2. Approval of instructor required.	

Students will practice how to participate in conversations on a number of familiar topics using simple sentences. Students will practice asking and answering simple questions to handle short social interactions in everyday situations, reading and understanding the main idea of short and simple texts when the topic is familiar, and writing briefly about most familiar topics using a series of simple sentences in Hiragana, Katakana and a variety of Kanji letters.

WAJ4000	Japanese 4	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

Special Notation:  Grade 12.

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

Students will practice how to participate in conversations on familiar topics using sentences and series of sentences. Students will practice asking and answering a variety of questions to handle short social interactions in everyday situations and be able to say what they want to say about themselves and everyday lives, reading and understanding the main idea of texts related to everyday life and personal interests, and writing on a wide variety of familiar topics using connected sentences in Hiragana, Katakana, and various Kanji letters.

WLD4000A1	Directed Study World Lang – Japanese (Sem 1)	Semester
WLD4000A2	Directed Study World Lang – Japanese (Sem 2)	
<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit each</i>

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. **Curriculum is aligned with the Hawai'i World-Readiness Standards & Common Core English Language Arts Standards.**

WES1000	Spanish 1	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>

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
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>


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
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
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
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit</i>
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)	Semester
WLD4000E2	Directed Study World Lang – Spanish (Sem 2)	
<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit each</i>
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
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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
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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
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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	Leadership Training (Sem 1)	Semester
XLP10152	Leadership Training (Sem 2)	

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 XAL2020	Library-Research Skills A Library-Research Skills B	Semester
<i>Course Number</i>	<i>Course Title</i>	<i>0.5 credit each</i>

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 LJY8300 LJY5400 LJY8500	Newswriting 1 Newswriting 2 Newswriting 3 Newswriting 4	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit each course</i>

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 XYY8630 XYY8650 XYY8670	Yearbook Production 1 Yearbook Production 2 Yearbook Production 3 Yearbook Production 4	Year
<i>Course Number</i>	<i>Course Title</i>	<i>1 credit each course</i>

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.

THIS IS NOT THE OFFICIAL CONTRACT

Do not turn this page in. Please see your Counselor or the Registrar's Office for an AP Contract.



Contract for AP Classes

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 Student Expectations should be read carefully by students and parents.

1. I will be required to demonstrate a high level of student independence and responsibility as well as independent mastery equivalent to a college level course.
2. 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. There are exam fees for each course (~\$97 per course, Seminar and Research will be ~\$145) 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 2024

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. Exams will be taken on the scheduled date and time as set by the College Board. Late-testing dates are available for the rare instances where students have a conflict. Examples: 2 tests scheduled on the same date at the same time, WHS athletic/academic competition on the date of the test. Students who need to test on the later dates should see the AP Coordinator as soon as they are made aware of the conflict.
5. 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) by January 12, 2025 with the following stipulations: 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, and 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 November 29, 2023 with the Registration forms. Students will not be enrolled in any AP class during the 2024-25 school year without a signed contract. Students who request multiple Honors/AP courses may experience scheduling conflicts and may need to make difficult decisions.

2024-2025 AP Courses (check all that apply):

- Biology Calculus English Lang (gr 11) US Gov & Pol Seminar
 Chemistry Environmental Sci English Lit (gr 12) World History Research

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