

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 fóós un Merika, mi wor omw pwúung omw kopwe angei aninnisin aweween fóós esapw kame. Kose mochen kékkéeri ewe meinapen ewe sukkun (Principal) ren tichikin pworausau.

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

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

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

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

(Cebuano / Sugboanon) Kon kamo adunay kalisud sa pagsabut sa Iningles, naa moy katungod sa pagdawat sa tabang sa pinulongan nga walay gasto kaninyo. Palihog kontakana 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 kōjjelāik lok principle eo an jikuul eo am ñan melele ko rellap lok.

The Hawaii State Department of Education (HSDOE) and its schools do not discriminate on the basis of race, color, national origin, ancestry, sex, gender identity, gender expression, sexual orientation, age, disability, and religion in its programs and activities. Please direct inquiries regarding HSDOE nondiscrimination policies as follows:

Beth Schimmelfenning, Director
Rhonda Wong, Compliance
Aaron Oandasan, Title VI
Toby Yamashiro, Title VII
Nicole Isa- Iijima, Title IX
Krysti Sukita, ADA/504

Civil Rights Compliance Office
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(808) 586-3322 or relay
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KEA'AU HIGH SCHOOL COURSE CATALOG

2021 – 2022

Any course may be canceled at a later date due to not meeting the minimum amount of students needed for the course to be offered.

REGISTRATION

COURSE SCHEDULING

1. All students have an equal opportunity to enroll in courses regardless of race, color, religion, sex, handicap, or national origin. All classes are co-educational.
2. Plan your program CAREFULLY:
 - a. Take time and read the course description for classes that you plan to enroll in. Make your decisions carefully and wisely.
 - b. You will be held accountable for the courses that you sign up for during registration.
 - c. You may repeat a course to improve your grades but will not earn additional credit. The lower grade will be dropped when calculating your grade point average.
 - d. Discuss your program with your parents/guardians. They might have suggestions and/or answers to questions that you might have.
 - e. If you need more information or help regarding a particular course that you plan to take, ask a teacher who teaches that course or one who teaches in that subject area.
3. When thinking about course selections, keep in mind:
 - a. The requirements for graduation
 - b. Your educational, occupational, and life goals
 - c. Your experiences in courses that you have already taken
 - d. The pre-requisites for the course
 - e. Your abilities as reflected in standardized tests, your interests and performance in school.
4. Your Advisory Teacher will assist you in completing your selection of course and registration forms.
5. Students interested in: auditing courses for no credit, taking college courses,, taking any off campus credit courses, going “off campus” (seniors only), graduating early, or any other unusual situation should see both their counselor and the registrar.

Promotion: Students must earn the following amount of credits at the end of the designated year to be promoted to the next grade.

Grade 9	5 credits
Grade 10	11 credits
Grade 11	17 credits

Students who do not meet the promotion requirement will remain in the retained grade level for the entire school year, except for students who can be upgraded to senior status at the end of the first semester of the senior year. All other accelerations will be done at the beginning of each school year.

GRADUATION REQUIREMENTS
Class of 2016 and Beyond

Course Requirements	Credits	Required Courses
English	4.0 credits	English Language Arts 1, English Language Arts 2, English Language Arts 3, English Language Arts basic elective. 1 Credit for each>
Social Studies	4.0 credits	US History 1 credit World History 1 credit Modern History of Hawaii .5 credit Participation in Democracy .5 credit 12 th grade Basic Social Studies elective 1credit
Mathematics	3.0 credits	Algebra 1 1 credit Geometry 1 credit Basic Math Electives 1 credit
Science	3.0 credits	Biology 1 credit Basic Lab Science 2 credit
World Language (Credit must be in same language) Fine Arts (Visual or Performing Arts) Career and Technical Education (Same pathway)	2.0 credits in one of the specified courses	World Languages: Two credits in a single World Language. Credits must be taken in sequence with consecutive course numbers in the study of one language. Fine Arts: Two credits in Fine Arts Career and Technical Ed (CTE): Two credits in a single career pathway program of study.
Physical Education	1.0 credit	Physical Ed Lifetime Fitness .5 credit Basic Physical Ed Elective .5 credit
Health	0.5 credit	Health Today and Tomorrow .5 credit
Personal/Transition Plan	0.5 credit	Personal Transition Plan .5 credit
Electives	6.0 credits	
Total	24 credits	

Honors Recognition Certificate Requirements

Academic Honors	CTE Honors	STEM Honors	Grade Point Average
<p>Overall GPA of 3.0 min</p> <p>Four credits of Math: The 4th credit beyond Algebra 2 must be earned via a combination of the following half-credit courses (or equivalent IB math courses): Algebra 3 Trigonometry, Analytic Geometry, Precalculus.</p> <p>Four credits of Science: Of the four credits, one credit must be in Biology (or equivalent IB, or AP Biology courses) and the other three credits must be lab-based science credits.</p> <p>TWO credits minimum must be from AP/IB/Running Start courses (equivalent to credits for two college courses).</p>	<p>Overall GPA of 3.0 min</p> <p>Complete a two course sequence in an approved CTE Program of Study</p> <p>Earn a B or better in each required program of study (coursework).</p> <p>Meet or exceed proficiency on performance-based assessments for corresponding program of study</p>	<p>Overall GPA of 3.0 min</p> <p>Four credits of Math: The 4th credit beyond Algebra 2 must be earned via a combination of the following half-credit courses (or equivalent IB math courses). Algebra 3, Trigonometry, Analytic Geometry, Precalculus</p> <p>Four credits of Science: Of the four science credits, one credit must be earned in Biology 1 (or equivalent IB Biology, or AP Biology courses); and the other three credits must be lab-based science credits</p> <p>A STEM Capstone/STEM Senior Project</p>	<p>Cum Laude – 3.0 to 3.5</p> <p>Magna Cum Laude- 3.5+ to 3.8</p> <p>Summa Cum Laude- 3.8+ and above</p>

RECOMMENDED SCHEDULES FOR GRADES:

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
ENGLISH	English 1	English 2	English 3	English 4
SOCIAL STUDIES	US History & Government	World History	MHH/PID	SS elective/ SS elective
MATHEMATICS	Geometry	Algebra	Math YR	
SCIENCE	Physical Science	Biology	Science Elective	
PE/HEALTH	PE Life Fit/ Health	PE Basic Elective		
ELECTIVE				
ELECTIVE				
ELECTIVE				

Kea'au High School
SCHEDULE CHANGE POLICY

Schedule changes may be done for the following reasons:

1. Scheduling error (two of the same courses on schedule)
2. Incomplete schedule
3. Credit received from summer school, Running Start, Upward Bound, or credit recovery.
4. Off Campus - To obtain "OFF CAMPUS", a student must meet one of the following:
 - a) Employment, verification of employment needed
 - b) Early admission into an institution of higher learning or Running Start
 - c) Other verification reason approved by the principal
5. Incorrect level placement
6. Course required for graduation
7. Principal approved

SEMESTER 1

1. Schedule changes will be allowed from the beginning of the first semester till Mid-Quarter 1.
2. Any change request after the deadline will require administration approval.
3. After the deadline (mid-quarter 1), no schedule changes for a different content/subject area will be allowed.
4. There will be no schedule changes for semester courses after seven weeks into the first quarter.
5. Students who choose to be in School Service must make schedule changes within the first three weeks. There shall be no more than one School Service student, per period, per teacher. Students may have no more than one (1) per year. Grade 9/10/11 students cannot sign up for School Service
6. Students who are failing a course and enroll in School Service must remain with the same teacher.

SEMESTER 2

1. Schedule changes will be allowed from the beginning of the second semester for three weeks.
2. Any change request after the deadline will require administrative approval
3. After the deadline, no schedule changes for a different content/subject area will be allowed.
4. There will be no schedule changes for semester courses after seven weeks into the third quarter.
5. There will be no schedule changes for year courses after mid-quarter 2.
6. Students who are failing a course and enroll in School Service must remain with the same teacher.
7. NO SCHEDULE CHANGES WILL BE PROCESSED IN THE 4TH QUARTER.

The "drop teacher" is responsible for sending the student's exit grade to the "add teacher" when a change is made.

All teachers are responsible for providing a quarter/semester/year grade three (3) weeks before the end of the respective quarter/semester/year.

KEA'AU HIGH SCHOOL COURSES

LANGUAGE ARTS COURSES

LCY1010	ENGLISH 9	1 year/1credit
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This course provides students with a balanced program based on the Common Core State Standards reading, writing and oral communication. Students will explore the conventions of different genres of fiction and non-fiction in both reading and writing exercises. Through literature students will develop an understanding of human nature, and an appreciation of the writer's crafting techniques. Using the writing process from graphic organizers to final drafts students will connect what they have read to their personal lives and to the world. Communicating in small group settings and whole class settings is expanded to include recitation of poetry, prose or a persuasive speech.

LCY1010H	ENGLISH 9-Honors	1 year/1credit
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This course provides students with a balanced program based on the Common Core State Standards reading, writing and oral communication. Students will explore the conventions of different genres of fiction and non-fiction in both reading and writing exercises. Through literature students will develop an understanding of human nature, and an appreciation of the writer's crafting techniques. Using the writing process from graphic organizers to final drafts students will connect what they have read to their personal lives and to the world. Communicating in small group settings and whole class settings is expanded to include recitation of poetry, prose or a persuasive speech. **This course is a fast-paced and emphasizes the various forms of literature, creative and analytical writing. Teacher recommendation/signature required.**

LCY2010	ENGLISH 10	1 year/1credit
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This course provides students with a balanced program based on the common Core State Standards in reading, writing and oral communication. Students will explore literature from around the world from ancient poetry and translations to modern fiction and non-fiction. Oral and written traditions of various cultures will be studied through universal themes. Students will be given opportunities to read, interpret and respond to literature both personally and critically.

LCY2010H	ENGLISH 10 - Honors	1 year/1credit
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This course provides students with a balanced program based on the common Core State Standards in reading, writing and oral communication. Students will explore literature from around the world from ancient poetry and translations to modern fiction and non-fiction. Oral and written traditions of various cultures will be studied through universal themes. Students will be given opportunities to read, interpret and respond to literature both personally and critically. **This course is a fast-paced and emphasizes the various forms of literature, creative and analytical writing. Teacher recommendation/signature required.**

LCY010	ENGLISH 11	1 year/1credit
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This course provides a balanced program of reading, writing, and oral communication. Students learn to become strategic users of the language processes by developing knowledge of specific strategies within these processes and implementing and evaluating the effectiveness of their choice of strategies. Students work with both informational and literary texts. The study of informational texts requires that students conduct research, extract and construct meaning, and complete tasks. The study of literature gives students an opportunity to read, interpret, and respond to literature personally and critically. Selections are not restricted to British and American authors and include the writings of minorities and other cultures. The study of language includes both the description of language and its role in communication as well as the construction of meaning.

LCY4010	ENGLISH 12	1 year/1credit
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This course provides students with a balanced program based on the Common Core State Standards in reading, writing and oral communication. Students through comprehensive language study will understand the function and purposes of the many grammatical and rhetorical devices covered in prior years. Increasing vocabulary is a main focus in preparation for college entrance exams. Writing will be literature based and include the entire process of making meaning and constructing

argument based on recognizing the needs of the audience. Small group and whole class discussions are accented by preparation for a self-designed, rehearsed eight minute speech.

GRADES 11 and 12 ONLY

LAY6010	Advanced Placement (AP) English Language and Composition	1 year/1credit
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This course engages students in becoming skilled readers of prose written in a range of periods, disciplines, and rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. All language arts benchmarks are addressed in this course. Students read primary and secondary source material and synthesize what they have read in expository, analytical, and argumentative writing of the kind that is expected in college.

Teacher recommendation/signature required.

GRADE 12 ONLY

LAY6100	Advanced Placement (AP) English Literature and Composition	1 year/1credit
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This course engages students in the careful reading and critical analysis of literary texts. All language arts benchmarks are addressed in this course. Students read representative works from various genres and periods, concentrating on works of recognized literary merit. In discussions and in their writing, students experience, interpret, and evaluate what they have read. **Teacher recommendation/signature required.**

SOCIAL STUDIES

CHU1100	U.S. History and Government	1 year/1 credit
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This course examines the development of the United States through historical concepts of change, continuity, and causality; through civics concepts of governance, democracy, conflict, and cooperation; through geographical and anthropological concepts of diversity and unity of human/cultural systems; and through the economic concepts of interdependence, limited resources, and functions of markets. It requires students to judge the past on its own terms, not by present day or current standards, to understand people in the context of their times, and to understand that standards and ideas are constantly changing. This course allows students to examine key ideas, events, people, and movements in the United States, assisting them in developing their own personal, national, and world views necessary to make informed decisions. Students will use the tools and methodologies of the appropriate social scientists to conduct their inquiries.

CHW1100	World History and Culture	1 year/1 credit
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This course examines the development and dynamics of human experience through such themes as migration, imperialism, trade, exchanges, and transfers. This course provides a foundation and a rationale for active participation in our global community. It examines diverse perspectives, encourages diverse interpretations and historical empathy, and explores global conflict and cooperation. This course engages students in historical inquiry focusing on the historic, technologic, socio-political, geographic, and economic development of past and contemporary civilizations. Students examine decisions, events, and ideas of the past to make informed judgments on contemporary issues, decisions, and events.

CHR1100	Modern History of Hawai'i	Semester/.5 credit
CGU1100	Participation in Democracy	Semester/.5 credit

Modern History of Hawai'i

This semester course is a study of the historical development of Modern Hawai'i and its effect on the social, political and economic composition of our state. Key people, events and controversies are analyzed and evaluated to gain an understanding of how we evolved into a state so unique from the other states. Students in this class will focus on the social and historical development of Modern Hawai'i

Participation in Democracy

This is a one semester civics course. It analyzes the Constitution and the historical origins of our government so students may develop a greater understanding and appreciation of their rights and responsibilities as citizens. Students will develop the knowledge, skills and dispositions for responsible, participatory citizenship. Students in this class will focus on their rights and responsibilities as citizens as they go through the Constitution.

GRADE 12

CER2200	Hawaiian Studies	Semester/.5 credit
CER2300	Pacific Island Cultures	Semester/.5 credit

Hawaiian Studies (this is not the same course as Modern History of Hawai'i)

This course focuses on modern Hawai'i and the impact of the past in terms of economic, cultural, political, and historic development. It looks at the idea 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

This course 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 the students in multicultural problem-solving and decision-making activities and uses the methodology of anthropologists to investigate issues.

GRADE 12

CSD2200	Psychology	Semester/.5 credit
CSD2300	Sociology	Semester/.5 credit

Psychology

This introductory course surveys the field and acquaints the student with the major areas of psychology, including growth and development, perceptual processes, learning and thinking, motivation and emotion, personality, conflict, abnormal behavior, adjustment, mental health and social behavior. Reading and research will be required.

Sociology

This course will focus on the understanding of relationships among cultures, cultural change and social institutions and conditions. Students will learn and use inquiry and sociological methodologies and practices.

GRADE 12

CSD2100	Geography	Semester/.5 credit
CGW2400	Global Studies	Semester/.5 credit

Geography

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

Global Studies

This course examines, from a global perspective, contemporary economic, geo-political, and social issues in the global community. It also looks at the historic forces of global encounters and exchanges that affected, changed, and shaped the modern global world. We will study different regions of the world via the five global concepts: interdependence; images and perceptions (related to prejudice, stereotypes, and bias); social justice (fairness and human rights); conflict and conflict resolution, and change and the future.

MATHEMATICS

MAX1155	Algebra 1	1 year/1credit
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This course is designed for students interested in quantitatively oriented programs. Topics include the real number system, first degree equations, and inequalities in one and two variables, polynomials, and graphs. Also included are quadratic equations as well as rational and irrational numbers.

MGX1150	Geometry	1 year/1credit
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This course develops the students' awareness of the processes of deductive and inductive reasoning along with the understanding and use of the relationships among points, lines, and figures. These include relations among lines such as parallelism, intersections, perpendicularity, and relations among figures such as congruence, similarity, symmetry and rigid motions.

MGX1150H	Honors Geometry	1 year/1credit
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This course is intended for students who have successfully completed Algebra 1 in grade 8 with a solid understanding of its concepts and earned a B average or higher. Honors Geometry is designed to have an intense focus on the critical thinking, problem solving and technological skills in Geometry. This course is for 9th graders. **Teacher recommendation required.**

MAX1180	Modeling Our World 2	1 year/1credit
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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 upon specific learning expectations defined in the Common Core State Standards for high school mathematics, particularly those standards emphasizing the use of mathematical modeling with linear, exponential, quadratic and rational functions. The course is intended to be taken prior to Algebra II, to provide supplemental learning opportunities for students needing additional support to be successful in Algebra II.

MAX1200	Algebra 2	1 year/1credit
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This course extends and builds upon the basic concepts and skills studied in Algebra I. New topics include the introduction of functions including graphing techniques and inverse functions, exponential and logarithmic functions, systems of quadratics, complex numbers, series and sequences, probability, permutations and combinations, determinants and matrices. Teacher recommendation and credit in Algebra I and Geometry may be used to determine student eligibility.

MSW1011QA/MSW1011QB	Math Workshop Gr. 11A/11B	Semester/.5 credit
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This course is designed for students who need to strengthen their understanding of mathematical concepts in each of the mathematical strands: Number and Operations: Measurement: Geometry and Spatial Sense; Patterns, Functions, and Algebra; and Data Analysis, Statistics, and Probability. Concepts should be systematically developed using concrete materials, multiple representations, and symbols. This course is supplemental, repeatable, and should only be given for elective credit. **This course must be taken with Algebra 2.**

MCX1010	Trigonometry	Semester/.5 credit
MCX1020	Precalculus	Semester/.5 credit

Trigonometry

This course is designed for students having a two year background in Algebra and one year in Geometry, including some coordinate geometry. This course provides intensive study of trigonometric functions, fundamental identities, inverse trigonometric functions, applications of trigonometric functions and complex numbers.

Precalculus

This course extends the study of elementary functions. Graphs and properties of algebraic functions, transcendental functions, and the conics are studied. Graphing with polar coordinates is included. Additional emphasis is placed on integration of appropriate technology (e.g., graphing calculators and computer applications).

Teacher recommendation and credit in Algebra 1, Geometry, and Algebra 2 may be used to determine student eligibility. This course is recommended for students who plan to take AP Calculus.

MXX1300	Statistics	Semester/.5 credit
MXX1100	Probability	Semester/.5 credit

Statistics

This course provides students with an introduction to statistical issues and concerns and presents strategies for analyzing and interpreting data. This course includes the following topics: graphs and charts, collection and organization of data, measures of central tendency and dispersion, uses and misuses of statistics, frequency distributions, correlation, and regression. Credit in Algebra 1, Geometry, and Algebra 2 may be used to determine student eligibility.

Probability

This course focuses on the probability content standards with emphasis on developing probability concepts inherent in everyday situations experienced in investment, insurance, science, business, and technology. Emphasis is also placed on using probabilities in decision making.

MCA1040	AP Calculus	1 year/1credit
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This is a one year course in calculus and related analytic geometry. (It is equivalent to one semester of college calculus.) Students must have a solid background in algebra, geometry, and experience with elementary functions. Topics included are: limits, derivatives, differentials, anti derivatives and integrals of functions.

Teacher recommendation /signature required, and a B or above in Trigonometry/PreCalculus

SCIENCE

SPH2603	Physical Science	1 year/1credit
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Physical Science is a laboratory course that integrates major theories traditionally learned separately in Chemistry, Physics, and Earth Systems Science. Students use scientific investigation and study relationships between science, technology, and society to understand chemistry concepts that include physical and chemical properties of matter, the physical and chemical changes of matter, and the conservation of matter and energy; physics concepts focus on different forms of energy and energy transformations, relationships between force, mass and motion of objects and understanding the major natural forces of gravitational, electrical and magnetism.

SLH2203	Biology	1 year/1credit
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Biology 1 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.

SLW2203A	Biology Workshop A	Semester/1/2 credit
SLW2203B	Biology Workshop B	Semester/1/2 credit

This course supports students who are enrolled in SLH2203, Biology 1. The course will provide additional instruction and support, where needed, to help students achieve the standards for that science course as well as the CCSS for Literacy in Science, and support STEM lessons and activities.

SLH2203H	Honors Biology	1 year/1credit
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Honors Biology is designed for the highly motivated student with a strong interest in the field of science. This course will emphasize higher order thinking skills using online activities, laboratory investigations, independent research, collaborative learning projects, problem solving activities, and bioethical discussions. The student is expected to demonstrate his or her learning through the synthesis, application, and evaluation of the fundamental principles of biology. The course requirements are rigorous; therefore, students are expected to process their learning beyond simple rote memorization.

Teacher recommendation/signature required.

SPH3503	Chemistry	1 year/1credit
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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. Students must have completed and receive no lower than a C in the Physical Science, Algebra I, and Biology.

SLH7503	Human Physiology	1 year/1credit
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Human Physiology is considered a second year biology laboratory course with an in-depth focus and study of the anatomy and functions of the human organism and its parts. Students are provided with extended opportunities to study issues, topics, and themes relevant to human physiology. Emphasis is on using scientific inquiry and analysis of the relationships between science, technology, and society to cover concepts of systems such as blood, circulation, respiration, nutrition, digestion, metabolism, muscular system, nervous system, and reproduction are studied in terms of interaction of the functions and their contribution to the maintenance of a proper condition of the body's internal environment.

SIH3603	Environmental Science	1 year/1credit
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This is a problem or issues - based course where students investigate such environmental topics as forestry, global warming, invasive species, green-technology, alternative energy, and sustainability. Students analyze environmental

issues, identify and evaluate alternate solutions, and take actions to help maintain and improve the quality of our sustainable environment. Emphasis is on the use of laboratory and fieldwork to study the local and global environment.

SEH2503	Marine Science	1 year/1credit
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Marine Science offers students opportunities to expand their understanding of the physical and biological science through interactions and experience with the ocean and its inhabitants. Students will learn about processes that influence the hydrosphere, as well as the influence of the hydrosphere on the environment. This course emphasizes the use of laboratory and field investigation to collect data on structure, function, and interactions of the diverse marine organisms and ultimately explore issues involving human impact on the marine environment.

SPH5603	Physics	1 year/1credit
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Physics is a foundational high school physics course to develop conceptual understanding of motion and stability; forces and interactions; energy in physical systems; waves and electromagnetic radiation; and engineering in physical systems. Emphasis is on the application of practices, crosscutting concepts, and core ideas to understand natural phenomena and solve problems using concepts of engineering. This course may require students to use algebraic thinking and analysis, apply functions, and use computational tools for statistical analysis.

SLH8003	Advanced Placement (AP) Biology	1 year/1 credit
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AP biology is comparable to a first year college-level course that emphasizes developing an understanding of concepts and science as a process, recognizing unifying themes that integrate and apply critical thinking to environmental and social concerns, and using extensive laboratory experience to clarify underlying principles of biology. This rigorous course helps to prepare students for the Advanced Placement Examination, which is three hours in length and is administered in May. The laboratory work done by AP students is equivalent to work completed by college students and is an integral part of the course for deep understanding of concepts in unity and diversity among organisms, connections between form and function, genetics and evolutionary change, energy and matter essential for life, biochemistry, microbiology, and ecological interactions. Examples of topics include: molecules and cells, heredity and evolution, and organisms and populations.

Prerequisite: 'A' in Biology and 'B' or higher in Chemistry. Teacher recommendation/signature required.

XAT1000	STEM Capstone	1 year/1 credit
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In this self-directed and project based course, students are expected to demonstrate skilled or masterful levels for all STEM Competencies as they address the following major outcomes for the course: * Research: Conduct research to reflect upon and determine a project to address a specific community need. * Design: Design, Build, Test, Refine, and Deliver a solution to address the need. *Reflection: Engage in ongoing reflection throughout all levels of the project design and its impacts on the local and global community. *Technology: Learn to use technologies with the aid of online self-guided tutorials, student mentoring, and/or professional assistance arranged by the course facilitator. Accessible technology may include, but is not limited to; probe-ware, biotechnology, bio-agricultural systems, computer-aided design, 3-D modeling, architectural design, animation, games design, surveying and mapping (GPS), Geographic Information Systems, programming, database applications, web page design, digital photo and video editing. * Career Skills; Acquire career-building skills. Skills include reflection on and integration of personal values with career interests, strategic resume development, and enhancing job search capability. Project-based learning experiences will specifically address skills with STEM fields. Successful projects will integrate the practice and development of specific skills from all four areas -- Science, Technology, Engineering Design, and Mathematics. STEM Capstone projects will address all four areas of STEM and will directly reflect meet or exceed levels of all STEM Competencies

PHYSICAL EDUCATION

PEP1005	Physical Education Lifetime Fitness
TGG1103	Transition to High School

Physical Education Lifetime Fitness

This course will integrate physical activity and personal fitness by exposing students to the wide range of physical activity resources. Conditioning principles will be taught with the use of technology such as heart rate monitors and pedometers, where appropriate. Other activities may include, but not limited to: badminton, volleyball, basketball, ultimate Frisbee, archery, bowling, golf, aerobics, soccer, sham ball and softball.

Transition to High School

This course is designed to assist 9th grade students' transition into the high school setting. It develops study habits, employability skills, self-image and basics skills of reading, writing, computer literacy and the general learner outcomes. The course guides students in the establishing of a student portfolio designed to highlight the student's accomplishments throughout their high school career.

PEP1010	Physical Education Life Activities	Semester/.5 credit
PIP1610	Individual/Dual Sports 1	Semester/.5 credit

Physical Education Life Activities

This course further develops and strengthens physical movement forms, concepts, principles, and skills through participation in a variety of physical fitness experiences, including invasion, target, net and field games. Emphasis is placed on the acquisition of skills, understanding of rules and strategy, ability to work together, and the application of knowledge into the game situation.

Individual/Dual Sports 1

This course is designed for students to strengthen physical movement forms, concepts, principles, and skills through participation in a variety of individual and dual sports. Individual and Dual Sports 1 should reintroduce a variety of modified games and lead-up activities that require students to apply a variety of locomotor skills movement concepts and manipulative skills in complex changing situations. Individual and dual sports could include, but are not limited to: archery, gymnastics, judo, racquetball, tennis, squash, beach volleyball, badminton, handball, ping pong, wrestling, golf, pickle ball, table tennis and weight training. Instruction in this course will emphasize and reinforce the fundamental skills and techniques necessary to participate competently alone or with others.

BASIC PE ELECTIVES

PBP1110	Body Conditioning 1A	Semester/.5 credit
PBP1120	Body Conditioning 1B	Semester/.5 credit

This standards-based course is designed to introduce an emphasis of cardiovascular training activities that could be incorporated into a total body conditioning program. Students will apply these activities, along with a weight resistance program and learning basic proper nutrition and healthy eating habits, to develop and/or update a training program that applies the Frequency, Intensity, Time and Type (FITT) principle and emphasizes total body conditioning. Activities may include and not be limited to: walking for fitness, bicycling, aerobics, weight training, and core training. The use of technology such as heart rate monitors, body fat scales, pedometers, and other assessment measuring devices will be integrated. As a result of this course, students will enhance overall fitness levels and gain an appreciation for a lifetime of healthy activities (ALOHA).

PBP1130	Body Conditioning 2A	Semester/.5 credit
PBP1140	Body Conditioning 2B	Semester/.5 credit

This standards-based course is designed for students to apply knowledge acquired in 1A and 1B. Students will apply these activities to develop a personalized training program that enhances the Frequency, Intensity, Time and Type (FITT) Principle and emphasizes total body conditioning. A variety of conditioning activities will be presented that will assist in the development of desired body composition levels, cardiovascular endurance, core strength, muscular endurance, and

flexibility. As a result of this course, students will enhance overall fitness levels and gain an appreciation for a lifetime of healthy activities.

PFP1310	Physical Fitness For Life 1A	Semester/.5 credit
PFP1320	Physical Fitness For Life 1B	Semester/.5 credit

This standards based course is designed for students to gain an understanding of their bodies and ways to improve their overall fitness by designing and implementing a variety of physical fitness training programs and evaluating the results of each. Students will engage in the following assessment activities (and not be limited to): mile run, shuttle run, sit-ups, pull-ups, vertical jump, standing long jump, and the sit and reach. Instruction will introduce and/or reintroduce a variety of training principles (Frequency, Intensity, Time, and Type [FITT], progression, overload, etc.) that are required to improve personal fitness levels and they must develop and implement more than one personal fitness program based on these training principles. Instruction in this course should emphasize measuring improvements of personal fitness components (cardio respiratory endurance, muscular strength and endurance, flexibility, and body composition) and the development, implementation and evaluation of personal fitness training programs. Key features of this course: assessment of personal fitness, develop more than one training program based on existing principles; re-assess personal fitness to evaluate results of training programs.

PFP1330	Physical Fitness For Life 2A	Semester/.5 credit
PFP1340	Physical Fitness For Life 2B	Semester/.5 credit

This course is designed for students to introduce and/or reintroduce principles of nutrition and diet relative to maintaining and/or improving personal fitness levels. Students will design a personal diet and nutrition plan based on existing principles to be implemented along with their personal fitness plans. Personal fitness training programs will be planned or updated based on an initial fitness assessment, which may include the following: mile run, shuttle run, sit-ups, vertical hang, standing long jump, vertical leap, 600-yard walk-run, pacer, sit and reach, etc.) and should reflect the personal fitness goals and/or needs of each student. The personal nutrition and diet plan should be followed to reinforce the in-class fitness training and any goals that were set by the student. Assessment, evaluation, and modification of both the nutritional plan and the fitness program should occur as needed throughout the course. Instruction will emphasize combining fitness training with healthy nutritional habits to improve health-related physical fitness components (cardio respiratory endurance, muscular strength and endurance, flexibility, and body composition). Key features of this course: apply principles of nutrition when designing and implementing a personal nutrition plan; reinforce personal training program by maintaining healthy nutritional habits.

SPECIALIZED PE ELECTIVES

PWP1210	Weight and Resistance Training 1A	Semester/.5 credit
PWP1220	Weight and Resistance Training 1B	Semester/.5 credit

This course is designed for students to strengthen physical movement forms, concepts, principles, and skills through participation in a variety of weight training activities. The emphasis is on the skills required to perform some movement forms at a basic level and mastery level.

PWP1230	Weight and Resistance Training 2A	Semester/.5 credit
PWP1240	Weight and Resistance Training 2B	Semester/.5 credit

This course builds on the skills and knowledge developed in Weight Training 1. Students acquire an extensive knowledge of muscular groups and skeletal sites defined by each lift. Students assess personal fitness levels and design a personal program to improve fitness components. Emphasis will be placed on attaining mastery of critical skill elements and techniques, and improvements of cardio-respiratory and muscular endurance systems.

PTP1640	Team Sports 1	Semester/.5 credit
PTP1650	Team Sports 2	Semester/.5 credit

This course is designed to strengthen physical movement forms, concepts, principles, and skills through participation in a variety of team sports. These include basketball, volleyball, soccer/speedball, softball, team handball, flag football, ultimate Frisbee and court hockey. Students will develop knowledge of basic offensive and defensive strategies of the games and an awareness of team position roles and responsibilities. The emphasis is on the skills required to perform some movement

forms at a basic level and mastery level. Students will learn to work together to accomplish team or group goals and objectives

COMPUTER SCIENCE

EXS 1400	Computer Science A	Semester/.5 credit
EXS 1500	Computer Science B	Semester/.5 credit

This course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Students will be introduced to a wide range of topics including the internet, digital information, programming, big data and privacy, and building apps.

No prior computing experience is required.

ECS9800 Advanced Placement (AP) Computer Science Principles	1 year/1 credit
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The AP Computer Science Principles course is designed to be equivalent to a first-semester introductory college computing course. The curriculum framework provides a detailed description of the course content. The key sections of this framework are described in the following text:

- computational thinking practices (connecting computing, creating computational artifacts, abstracting, analyzing problems and artifacts, communicating, collaborating)
- seven big ideas (creativity, abstraction, data and information, algorithms, programming, the internet, global impact)
- learning objectives that integrate computational thinking practice or skill essential knowledge statements

No prerequisite or experience required

TIN5520	Cyber Security	1 year/1 credit
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This course teaches students how to secure personal computers and system networks. Through this course, students will identify vulnerabilities and attack mechanisms to a network on various platforms and use intrusion detection systems and other methods to mitigate security risks. Emphasis will be placed on the application of skills in detection and the utilization of strategies to combat identified threats.

YEARBOOK

XYY8610	Yearbook Production 1	1 year/1credit
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Students will participate in the production of the school yearbook. Units of study include teamwork, responsibility, brainstorming, content, coverage, concept, reporting, writing, headlines, captions, editing, photography, typography, design, graphics, finances, yearbook campaigns, advertising and distribution. **All students applying must complete Yearbook application and interview with the teacher prior to being enrolled.**

XYY8630	Yearbook Production 2	1 year/1credit
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Students will continue gaining skills in the production of school yearbook. Units of study include teamwork, responsibility, brainstorming, content, coverage, concept, reporting, writing, headlines, captions, editing, photography, typography, design, graphics, finances, yearbook campaigns, advertising and distribution. All students applying must complete a Yearbook application and interview with the teacher prior to being enrolled. **PREREQUISITE:** All students **must** pass Yearbook 1 with a C or better.

XYY8650	Yearbook Production 3	1 year/1credit
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An advanced course offered for students willing to assume major responsibilities for planning and producing the school yearbook. Units of study include teamwork, responsibility, brainstorming, content, coverage, concept, reporting, writing, headlines, captions, editing, photography, typography, design, graphics, finances, yearbook campaigns, advertising and distribution. All students applying must complete a Yearbook application and interview with the teacher prior to being enrolled. **PREREQUISITE:** All students **must** pass Yearbook 1 **&** Yearbook 2 with a B or better

CAREER AND TECHNOLOGY EDUCATION

NATURAL RESOURCES PATHWAY

TNC6010	Natural Resources Career Pathway Core	1 year/1 credit
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This course is designed for students who plan to pursue careers in the Natural Resources Career Pathway. Students will be introduced to basic concepts in Natural Resources production, earth, environmental, and energy systems. Using an interdisciplinary approach, the following will be covered: 1) Natural Resources systems and processes, 2) Technology and Biotechnology, 3) Natural Resources Management, 4) Environmental Stewardship, and 5) Legal Responsibilities and Ethics. This course offers students learning experiences in the use, preservation, and conservation of our natural resources. This course will also integrate aspects of agriculture, cultural awareness and sensitivity, forestry and wildlife as they relate to our natural resources. For safety, covered shoes are required for lab/outside activities. This course is a recommended prerequisite for students pursuing a Natural Resources career pathway program of study.

TNU6242	Plant Systems	1 year/1 credit
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This is a course designed to provide skills and technical information in horticulture. The main areas of study include safety, plant identification, plant propagation, use of growing media and fertilizers, cultural technologies such as integrated pest management, sustainable agriculture practices, and native plant propagation practices. Classroom study is combined with outdoor activities in the school greenhouse as an integral part of the course. For safety, covered shoes are required for lab/outside activities. Recommended prerequisite: Natural Resources Pathway Core

TNK6930	Directed Study in Natural Resources	1 year/1 credit
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This course is designed for the student who wants to pursue knowledge/skills beyond the level of identified Programs of Study interest through individual research and development activities. Emphasis is focused on in-depth study of a specific Natural Resources Pathway Program of Study, with opportunities to investigate, design, construct, and evaluate solutions to Natural Resources problems. Prerequisite: Completion of TNC6010 Natural Resource Career Pathway Core and a Natural Resources Cluster course. **Teacher signature required.**

PUBLIC AND HUMAN SERVICES PATHWAY CORE

TPC7010	Public and Human Services Pathway Core	1 year/1 credit
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This course is designed for students who plan to pursue careers in the Public and Human Service Career Pathway. Students will learn essential human relations concepts that will provide a solid foundation for further study in preparation for careers dealing in public service. Using an interdisciplinary approach, the following concepts will be covered: 1) Creation and management of organizational systems to promote quality service, 2) Communication skills, 3) Safety and healthy workplace behaviors, and 4) Legal and ethical principles. This course is a recommended prerequisite for students pursuing Public and Human Services programs of study.

TPU7216	Culinary 1	1 year/1 credit
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This course provides an introduction and orientation to a series of related occupations in the food industry and the qualifications of a successful food service worker. The knowledge, skills, work attitudes and habits developed will enable students to understand basic principles of quantity food preparation, safety and sanitation, use and care of equipment, and food service organization. This course provides practical work experiences in the classroom and laboratory. Recommended Prerequisite: Public and Human Services Pathway Core.

TPN7223	Culinary 2	1year/1credit
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This Level 2 course is designed to qualify an individual for entry-level positions in the food industry. Classroom and laboratory experiences place an emphasis on quantity food preparation and service, sanitation, safety, selection and purchasing of food and supplies, storeroom control, and care of supplies and equipment. Prerequisite: TPU7216 Culinary 1.

HEALTH SERVICES PATHWAY CORE

THF1000	Foundation in Health Services	1 year/1 credit
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Foundations of Health Service 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.

THU4027	Clinical Health	1 year/1 credit
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Clinical Health is designed for students interested in Health Services careers. Using the major body systems as the framework, students will learn about diseases, disorders, prevention and treatment, and the roles of various healthcare providers involved in diagnosis and/or treatment. This course will combine content knowledge (body systems, communication, safety practices, legal issues, ethical concerns, and healthcare systems) and basic skills common to all healthcare professions with work based learning experiences that will result in a career selection consistent with the student's aptitude, interests, abilities and academic achievement. Recommended Prerequisite: Health Services Pathway Core

THK4930	Directed Study in Health Services	1 year/1 credit
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This course is designed for students who want to pursue knowledge/skill development beyond the level of identified Programs of Study. Emphasis is on the healthcare industry, with opportunities to investigate, design, construct, and evaluate solutions to health-related problems. Recommended Prerequisite: Completion of THC4010 Health Services Career Pathway Core and THU4027 Clinical Health.

ARTS AND COMMUNICATIONS PATHWAY

TAC2010	Arts and Communications Career Pathway Core	1 year/1 credit
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This course is designed for students who plan to pursue careers in the Arts and Communication Career Pathway. Students will be introduced to basic concepts in Visual, Fashion, Performing, Written, and Media Arts. Using an interdisciplinary approach, the following concepts will be covered: 1) Evolution of Design, 2) Elements and Principles of Design, 3) Methods of Design, 4) Customer Service, 5) Principles of Ethics, 6) Individual and Group Behaviors, and 7) Safety and Health in the Workplace. This course is a prerequisite for students pursuing program of study in Arts and Communications.

TAU2210	Digital Media Technology	1 year/1 credit
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This course is designed to give students the skills necessary to support and enhance their learning about digital media technology. Topics will include researching using the internet, netiquette, copyright, graphic design for print and web applications, use of digital imagery Geospatial Information and technologies including remote sensing and GPS, presentation tools, and project planning. The students will have the opportunity to use their skills in advanced technology, leadership, and service in their schools and communities. Recommended prerequisite: Arts and Communications Pathway Core

TAK2930	Directed Studies in Arts & Communications	1 year/1 credit
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This course is designed for the student who wants to pursue knowledge/skill development beyond the level of identified Programs of Study. Emphasis is on Arts and Communication with opportunities to investigate, design, construct, and evaluate solutions to problems in this career pathway. Prerequisite: TAC2010 Arts and Communications Career Pathway Core and any Arts and Communication Career Pathway cluster course.

INDUSTRIAL AND ENGINEERING TECHNOLOGY PATHWAY

TIC5010	Industrial and Engineering Technology Career Pathway Core	1 year/1 credit
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The IET Core is a comprehensive action-based educational course that introduces students to the following technological systems: Design and Engineering Technology, Transportation Technology, Manufacturing Technology, and Building and Construction Technology, and Electronics and Computer System. The curriculum is designed around exploration of these systems and their impacts on society.

TIU5416	Automotive Body Repair & Refinishing 1	1 year/1 credit
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This course features organized study and experiences in the application of welding, soldering, frame straightening, plastics, fiberglass, trim, and glass for auto body repair. Covered in this course is painting equipment, spray guns, surface preparation, matching and mixing paints, and recognizing and correcting paint problems. For safety, covered shoes are required for all lab/shop activities. Recommended prerequisite: IET Pathway Core

TIN5422	Automotive Body Repair & Refinishing 2	1 year/1 credit
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This course is designed to provide more in-depth experiences in the study and application of skills in painting, resurfacing, color matching, welding, soldering, frame straightening, plastics, fiberglass trim, and glass for autobody repair and refurbishment. For safety, covered shoes are required for all lab/shop activities. Prerequisite: Automotive Body Repair and Refinishing 1

TIU5410	Automotive Technology 1	1 year/1 credit
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In this course, students are provided with organized experiences in the design and function of power systems employing various types of engines and mechanisms involved in the development, transmission, and control of power. The study of computer command control systems and use of computer-based equipment will be included. Scientific principles and concepts as applied to automotive technology are infused in the curriculum. For safety, covered shoes are required for lab/shop activities. Recommended prerequisite: IET Pathway Core

TIN5419	Automotive Technology 2	1 year/1 credit
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This course features classroom and laboratory experiences that include training in all phases of maintenance and repair work on all types of automotive vehicles. Students are trained in the use of manuals, computer-based equipment, and a variety of hand and power tools. Instruction and practice are provided in the diagnosis of malfunctions, disassembly of units, parts inspection and repair or replacement of parts involving the engine, ignition and computer command control system, fuel systems, brakes, transmissions, and suspension system. Automotive body and repair are also included. For safety, covered shoes are required for lab/shop activities. Prerequisite: Automotive Technology I.

TIU5210	Metals Technology 1	1 year/1 credit
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This course will introduce students to the metal industry, occupations, processes, products, and problems through demonstrations of, experimenting with designing, welding, fabricating, constructing of metals and devices. Learning experiences include the study of tools, materials, processes, systems, and products used in various facets of the industry. For safety, covered shoes are required for all lab/shop activities. Recommended prerequisite: IET Pathway Core

TIN5216	Metals Technology 2	1 year/1 credit
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This course provides advanced learning experiences designed to prepare a well-rounded metal worker capable of fabrication and assembling a variety of products in various industries. Instruction includes layout; sequence of operations; setting up and operating fabricating machines; positioning, aligning, fitting, and welding parts together; and designing and constructing templates and fixtures. Simulated class experiences are included. Prerequisite: Metals Technology 1.

TIK5930	Directed Study in IET – Automotive Technology	1 year/1 credit
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This course is designed for the student who wants to pursue knowledge and skill development beyond the level of identified Programs of Study through individual research and development activities. Emphasis is focused on in depth study of

modern and traditional building methods and procedures with an emphasis on culture. Students will be afforded opportunities to investigate, construct, and evaluate solutions to culturally relevant building projects.

TIU5800	Building and Construction Technology I	1 year/1 credit
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This course features classroom and laboratory experiences that deal with building and construction technology. Learning activities include site selection, use of various leveling instruments, blueprint reading, use of building materials, foundation and floor framing, wall and ceiling framing, roof framing, and window, door, and interior finishing. For safety, covered shoes are required for all shop activities. Prerequisite: IET Pathway Core.

TIN5814	Building and Construction Technology 2	1 year/1 credit
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This course is designed to introduce students further into basic occupational information in carpentry; the care, use, operation and maintenance of hand and power tools, as well as power equipment. The course will touch on aspects of the construction industry that are essential to entry as a career choice, that include basic blue print reading, layout, assembly, and finish construction. Students will utilize in dept projects and be involved in all aspects from planning, building, and finishing. This course is the second step course in the Hawaii community College/Kea'au High School's construction Academy. Students whom receive excellent rating upon completion can submit their portfolio for review to receive 3 college credits from Hawaii community college. For safety, covered shoes are required for lab/shop activities. Prerequisite: Building and Construction I

TIU5310	Design Technology 1	1 year/1 credit
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This course provides classroom learning experiences that are found in drafting technology. Learning activities include: design, spatial visualization and techniques, sketching and the use of drafting instruments, shape and size description, multi-view projection, auxiliaries, rotation, and pictorial drawings. Students will be introduced to Computer Aided Drafting (CAD). For safety, covered shoes are required for all lab/shop activities. Recommended prerequisite: IET Pathway Core

TIN5320	Design Technology 2	1year/1credit
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This is an advanced course that provides classroom learning experiences that are directly related to drafting technology utilized in industry. The learning activities include: design, spatial visualization and techniques and use of digital tools. This course will have students create complete industry standard building plans, utilizing both manual drawing techniques as well as Computer Aided Drafting for both two dimensional and three dimensional models. Prerequisite: Design Tech 1.

TIK5930	Directed study for Culture in IET and Building and Construction	1 year/1 credit
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This course is designed for the student who wants to pursue knowledge and skill development beyond the level of identified Programs of Study through individual research and development activities. Emphasis is focused on in depth study of modern and traditional building methods and procedures with an emphasis on culture. Students will be afforded opportunities to investigate, construct, and evaluate solutions to culturally relevant building projects.

FINE ARTS - PERFORMING ARTS

FTP1000	Play Production 1	1 year/1 credit
<p>In this course, students will learn about the various aspects of producing a play for an audience, such as directing, acting, staging, set designing, and costuming. Understanding the basic principles of play production and theatre is developed through active participation in the production of a play.</p>		
FMK1000	Piano 1	1 year/1 credit
<p>This is an introductory course designed to provide students with the opportunity to develop skills in piano playing. Students will be involved with performing, listening to, and evaluating piano music.</p>		
FMK2000	Piano 2	1 year/1 credit
<p>This intermediate course is a continuation of the Piano 1 course and is designed to provide students with the opportunity to further develop skills in piano playing. The course places greater emphasis on basic music theory and its application through performance. Students will be involved with performing, listening to, and evaluating piano.</p>		
FMK3000	Piano 3	1 year/1 credit
<p>This is an advanced course designed to help students to continue to refine and develop piano playing skills. The course includes the advanced application of music theory, composition, improvisation, and performance. Students will be involved with performing, listening to, and evaluating piano music.</p>		
FMC1000	Chorus 1	1 year/1 credit
<p>Chorus 1 is designed for students to develop performance skills, knowledge, and understanding of vocal music. Musical arrangements from a variety of styles and periods are sung in unison and two-part harmony. Solo and ensemble singing are performed.</p>		
FMC2000	Chorus 2	1 year/1 credit
<p>The Chorus 2 course is designed for students who have completed Chorus 1 or its equivalent. Music of various styles, periods and cultures will be performed and studied. Students listen to recordings, live performers, and choral groups to increase understanding of musical concepts. Students match pitches, take rhythmic dictation, and demonstrate the use of notational symbols. Solo, two-part, three-part, and four-part harmonies are introduced.</p>		
FMC3000	Chorus 3	1 year/1 credit
<p>Chorus 3 is designed for students who have fulfilled the requirements of Chorus 2 or its equivalent. Advanced musical skills and techniques involving diction, dynamic nuances, and changes in mood are emphasized. Musical arrangements in unison, two-part, and three-part and four-part harmonies are sung. Students are able to perform Grades I to V choral literature.</p>		
FML1000	Ukulele 1	1 year/1 credit
<p>Ukulele 1 is an introductory course 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.</p>		
FML2000	Ukulele 2	1 year/1 credit
<p>This course is a continuation of the Ukulele 1 course. Students develop intermediate skills in ukulele playing, such as picking melodies and solo work. Students will be involved with performing, listening to, and evaluating ukulele music.</p>		
FMF1000	Guitar 1	1 year/1 credit
<p>The Guitar 1 course is designed for beginners, novice, and intermediate enthusiasts. Students will develop a variety of basic guitar picking techniques such as "Hammer on," "Pull Offs" and "Chime-ing." In addition to learning standard western music styles, students will also be introduced to the art of Hawaiian Slack Key and some of its various tunings. Students are required to provide their own instrument and supplies (strings, a tuner, strap).</p>		
FMN1000	Ensemble 1	1 year/1 credit

The ensemble is drawn together by a common interest in a particular kind of music or instrumentation (for example, ukulele, piano, guitar, steel guitar, hand bells, vocal, etc.). The ensemble can be regrouped into smaller units, such as quartets and quintets comprised of various instrumental and/or vocal combinations.

FMN1300	Ensemble 2	1 year/1 credit
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The Ensemble 2 course is designed for students who have completed Ensemble 1 or its equivalent and who are drawn together by a common interest in a particular kind of music or instrumentation. The ensemble can be regrouped into smaller units such as quartets and quintets comprised of various instrumental and/or vocal combinations. The main focus of this course will be performing and developing advanced skills in music.

FMM3000	Music Technology 1	1 year/1 credit
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The Music Technology/Production 1 is an introductory course for students interested in music production. We will explore the art of record production and how to make emotional recordings using laptop and phone devices. Students will also learn how to set up and mix live sound.

FMB2000	Band 1	1 year/ credit
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Band 1 course is designed for students who have fulfilled the requirements of Introductory Band or its equivalent. Continued development of skills and understanding is maintained through studying of complex exercises and performing appropriate music literature. Students develop listening skills to increase understanding of tonality, style, dynamic nuances, and interpretation of various styles of music. Performances for school and public are an integral part of the program. Original band literature, arrangements, and orchestral transcription from Grades I to IV are included for study and performance. Pre-requisite: Instructor Recommendation

FMB3000	Band 2	1 year/1 credit
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Band 2 course is designed for students who have fulfilled the requirements of Band 1. Development of appropriate and higher level musicianship qualities are emphasized and taught. Band literature (Grades I to IV) from various classifications is studied for performance. The course will provide opportunities for school and community performances.

FMB4000	Band 3	1 year/1 credit
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Band 3 course is designed for students who have fulfilled the requirements of Band 2. Development of appropriate and higher level musicianship qualities is emphasized and taught. Band literature (Grades I to IV) from various classifications is studied for performance. The course will include discussion on performance preparation, music styles, and careers in music. The course will provide opportunities for school and community performances.

FMB5000	Band 4	1 year/1 credit
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Band 4 course is designed for students who have fulfilled the requirements of Band 3. Development of appropriate and higher level musicianship qualities are emphasized and taught. Band literature (Grades I to IV) from various classifications is studied for performance. The course will include discussion on performance anxiety, auditioning for solos, and aesthetics. The course will provide opportunities for school and community performances.

FINE ARTS - VISUAL ARTS

FVL1000	Ceramics 1	1 year/1 credit
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This is an introductory course that introduces clay as a universal medium of expression. Functional and non-functional pieces from diverse cultures are introduced and analyzed. Hand building techniques involving, pinch, coil, slab, and free-form modeling are covered. Glazes and glazing techniques, and other methods of surface decoration are explored. **11th and 12th grade students only**

FVL2000	Ceramics 2	1 year/1 credit
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This intermediate course offers students opportunities to refine methods in clay hand-building techniques, glazing, and surface decoration. Ceramic pieces from various world cultures are introduced and analyzed.

FVB1000	General Art 1	1 year/1 credit
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This course helps students to explore a variety of media and techniques for personal expression and provides further opportunities for them 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 and introductions to art processes.

FVQ2000	Drawing & Painting 2	1 year/1 credit
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This class expands on the concepts learned in Drawing and Painting 1. Students will have more advanced options for art projects and be introduced to higher quality materials. Students will have opportunities to finalize artwork for presentation and set up artwork exhibitions. Drawing and Painting 2 offers a more in-depth analysis of art and its meaning in society.

FVP1000	Photography 1	1 year/1credit
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This is an introductory course on photography. Basic techniques taught are composition, exposure, lighting, camera care and operation, black & white film processing, contact printing, enlarging and print mounting using traditional photographic techniques. Darkroom safety procedures are introduced and followed.

FVP2000	Photography 2	1 year/1credit
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This is an intermediate course covering advanced techniques in exposure involving measured and controlled light and time, the use of filters, film development for specific requirements and basic color photography through traditional film techniques and digital technologies. Individual projects include experiences in printing with filters, action photography, architectural compositions, portraiture, and studio still-life composition. Advanced darkroom techniques and procedures will be utilized. Prerequisite: Photography 1

FVP2000	Photography 3	1 year/1credit
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This advanced course further develops skills and techniques learned in Photography 1 & 2 and offers new ideas and techniques utilized in contemporary photography. It is designed to emphasize the use of imaging process creative and vital forms of visual communication. Individualized studies will stress experimentation and research in specialized areas of interest, such as multimedia presentations. Additional experiences will relate photography to imaging process in video, still and motion pictures, television & advertising art either through traditional photographic techniques or through digital media. Development of a portfolio of images is strongly encouraged.

WORLD LANGUAGE

Hawaiian Language

WPH1000	Hawaiian Language 1	1 year/1 credit
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Students will learn the basic fundamentals of the Hawaiian language. Emphasis will be on speaking, listening, reading and writing the Hawaiian language. Students will also gain a basic understanding and appreciation of the Hawaiian culture through the study of the language.

WPH2000	Hawaiian Language 2	1 year/1 credit
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Students will further develop their proficiency of speaking, reading, writing and understanding the Hawaiian Language. Students will also gain a deeper understanding and appreciation of the Hawaiian culture through the study of the language. Prerequisite: C or better in Hawaiian IB

WPH3000	Hawaiian Language 3	1 year/1 credit
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Students will continue to develop their proficiency of speaking, reading, writing & understanding the Hawaiian Language. Emphasis will be on speaking. Translating Hawaiian literature is another part of this course. Students will also gain a deeper understanding and appreciation of the Hawaiian culture through the study of the language.

WPH4000	Hawaiian Language 4	1 year/1 credit
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Students will continue to develop their proficiency of speaking, reading writing, and understanding the Hawaiian language. Areas of emphasis are: speaking and translating Hawaiian literature. Students will also gain a deeper understanding and appreciation of the Hawaiian culture through the study of the language.

Sign Language

WNS1000	Sign Language 1	1 year/1 credit
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Students will learn the basic fundamentals of sign language. Emphasis will be on learning and practicing receptive skill of basic everyday signs, alphabets and numbers in sign language. They will also gain a basic understanding of deaf culture and different degrees of hearing loss.

WNS2000	Sign Language 2	1 year/1 credit
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Students will further develop their proficiency of communicating and understanding sign language. They will also gain a deeper understanding and appreciation of the deaf culture through study of sign language.

Spanish

WES1000	Spanish 1	1 year/1 credit
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In this introductory course, students will master the Spanish sound system with emphasis on Spanish pronunciations. Classroom activities encourage students to develop the ability to interact to simple social situations using memorized language re-combinations of learned material supported by basic grammar and vocabulary pertaining to everyday life. An appreciation of Spanish culture will be developed via hands-on activities. Audio-visual aids will be utilized throughout the course.

WES2000	Spanish 2	1 year/1 credit
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Intensive language comprehension and production training continues at this level as students become more proficient at understanding, speaking, reading, and writing in a variety of situations. Hispanic culture will be included in a number of activities. Audio/visual aids will supplement the language study throughout the course.

Prerequisite: C or better in Spanish 1

WES3000	Spanish 3	1 year/1 credit
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Intensive language comprehension and production training continues at this level as students become more proficient at understanding, speaking, reading, and writing in a variety of situations. Hispanic culture will be included in a number of activities. Audio/visual aids will supplement the language study throughout the course.

Prerequisite: C or better in Spanish 2

WES4000	Spanish 4	1 year/1 credit
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Increasing vocabulary and knowledge of finer points of grammar enable students to refine oral and written communication. Topics and projects are carefully selected to help students broaden the range of situations in which they can operate, connect language study to other disciplines and use the language inside and outside of the classroom setting.

Prerequisite: C or better in Spanish 3

Chinese

WAC1000	Chinese 1	1 year/1 credit
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This course is designed for the beginning language learner or those who have had limited exposure to language in elementary and middle/intermediate schools. Students begin the study of Chinese language and its culture by developing a basic repertoire of learned material needed to comprehend and respond in simple social situations of a daily and recurring nature using learned material. Emphasis is placed upon the development of basic listening, speaking, reading, and writing skills

WAC2000	Chinese 2	1 year/1 credit
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The first semester serves as a transitional stage in which students reinforce and draw upon earlier study and continue the development of their proficiencies so that they can engage in simple conversations and handle routine situations. In reading and writing, emphasis is on developing a greater range of topics and situations in which students can produce learned material through exclusive use of the writing system of the language.

Prerequisite: C or better in Chinese.

MISCELLANEOUS ELECTIVES

AVID

Advancement Via Individual Determination (AVID)				1 year/1credit
TGG8090	Grade 9	TGG8100	Grade10	
TGG8110	Grade 11	TGG8120	Grade 12	

AVID is a course which prepares students for college. This course target students in the academic middle (B, C, and some D students) who want to go to college and are willing to work hard. Students will learn organizational skills, study skills, and work on critical thinking and questioning. Students will participate in activities which will make college more attainable. WIC-R or writing, inquiry, collaboration, and reading forms the basis of the AVID curriculum. Prerequisite: teacher recommendation, application

For Grades 11 and 12 only

XLP1015QA/XLP1015QB	AVID Tutor/Leadership Training 1 and 2	Semester(2)/.5 credit (2)
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Students enrolled in this course will be trained to tutor and mentor students in the AVID classes. Tutors will maintain confidentiality, assist teachers with binder checks, provide learning assistance, encourage academic success, help with team building activates, facilitate tutorials and maintain a tutor log. Prerequisite: AVID teacher recommendation,

XLP1000,2000,3000,4000	Leadership Training	1 year/1credit
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This multidisciplinary course designed to help students develop communication, group process, and facilitative leadership skills and knowledge of parliamentary procedure. Student leaders develop and apply techniques of leading, planning, organizing, conducting, and evaluating, including problem solving and critical thinking. Activities include participating in and conducting effective meetings, setting individual and group goals, recognizing and producing quality products and performance, cooperative planning and learning, sharing responsibilities, taking positive action, and working with people from diverse backgrounds. Emphasis is on authentic learning with student participation and involvement with real school and student concerns as a means of understanding levels of organization, levels of authority, and communication and management techniques. Application of leadership is taught as a function that can be performed by any member of a group or shared by several at one time. **Course will meet after school Tuesday, Wednesday, and Thursday for one hour. Course is mandatory for all Class and School level officers and is highly suggested for any club officer or class representative.**