



WAI'ANA'E HIGH SCHOOL
REGISTRATION GUIDE
A Guide for Parents and Students

Notice of Language Assistance

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

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

(Simplified Chinese / 简体中文) 如果您理解英語有困難, 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 / 'Olelo 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 언어 지원을 받을 권리가 있습니다. 더 자세한 정보는 학교장에게 연락하십시오.

(Chukese / Kapasen Chuuk) Ika epwe weires ngonuk omw weweli foós un Merika, mi wor omw pwiung omw kopwe angei aninnisin aweween foós esapw kame. Kose mochen kékkéeri ewe meinapen ewe sukkn (Principal) ren tichikin pwoausan.

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

(Samoan / Gagana Samoa) Afai e faigata'ona e malamalama i le Igilisi, e i ai lau aiā e maua ai le fesoasoani tau gagana e aunoa ma se tupe e te totoi 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'ototonu ke ke ma'u ha tokoni fakatonulea 'ikai totongi. Katakai 'o fetu'utaki ki he puleako ki ha toe fakakiiki 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 kalungod sa pagdawat sa tabang sa pinulongan nga walay gasto kaninyo. Pailhog kontakta 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 Majöl) Elaññe ejabwe am melele kajin Palle, ewör am jimwe ñan jibañ ko ikijin ukok ilo ejelok wönen. Jouj im köjeläik lok principle eo an jikuul eo am ñan melele ko relap lok.

CONTINUOUS NOTICE

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

Section 504 Inquiries

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

Title VI, Title IX, ADA and other Inquiries

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

Under Title IX and Title IV, all students, including transgender students and students who do not conform to sex stereotypes, are protected from sex-based discrimination.

Transgender students have the right to be addressed by a name and pronouns that correspond to their sincerely held gender identities. If requested by the students, staff should address them by the name and pronouns that correspond to each of their sincerely held gender identities. Transgender students are not required to obtain a legal name or gender change or to change their official records. This does not prohibit inadvertent slips or honest mistakes, but does apply to intentional or persistent refusal to respect a student's gender identity, which should be considered an act of discrimination.

4 x 4 BLOCK SCHEDULE

Waianae High School is on a 4 x 4 block schedule.

On our block schedule:

- Students can earn 8 credits in a school year. Students take courses in semester 1 to earn 4 credits. Students take courses in semester 2 to earn an additional 4 credits.
- 1 credit courses will be taken in one semester (not the whole year). 0.5 credit courses will be taken in one term (not the whole semester).
- Transferring during the school year from Waianae High School to a school on a traditional schedule or transferring to Waianae High School from a school on a traditional schedule may result in loss of credits and/or difficulty in scheduling. The best time to transfer is at the beginning or end of the school year.

PROMOTION

Promotion is determined by credits earned by the start of each school year.

Grade 9: Less than 5 credits earned

Grade 10: 5 credits or more & 1 year of high school

Grade 11: 11 credits or more & 2 years of high school

Grade 12: 17 credits or more & 3 years of high school

DIPLOMA REQUIREMENTS

A Hawaii High School Diploma shall be issued to students who meet these minimum course and credit requirements.

COURSE REQUIREMENTS* HAWAII HIGH SCHOOL DIPLOMA	
English	4.0 credits including: • English Language Arts 1 (1.0 credit); and • English Language Arts 2 (1.0 credit); and • Expository Writing or equivalent course (0.5 credit); and • English Language Arts basic electives (1.5 credits)

Social Studies	<p>4.0 credits including:</p> <ul style="list-style-type: none"> · US History & Government (1.0 credit); and · World History & Culture (1.0 credit); and · Modern History of Hawaii (0.5 credit); and · Participation in a Democracy (0.5 credit); and · Social Studies basic elective (1.0 credit)
Mathematics	<p>3.0 credits including:</p> <ul style="list-style-type: none"> · Algebra 1 (1.0 credit); and · Geometry (1.0 credit); and · Mathematics basic elective (1.0 credit)
Science	<p>3.0 credits including:</p> <ul style="list-style-type: none"> · Biology 1 (1.0 credit); and · Science basic electives (2.0 credits)
Specified Program of Study: World Language Fine Arts Career & Technical Education (CTE) / JROTC	<p>2.0 credits in one of the specified programs of study:</p> <p>World Language: Two credits in a single World Language. Credits must be taken in sequence with consecutive course numbers in the study of one language.</p> <p>Fine Arts: Two credits in a Fine Arts discipline which includes Visual Arts and Performing Arts. Credits do not need to be in a single discipline.</p> <p>Career and Technical Education (CTE): Two credits in a single career pathway program of study sequence OR</p> <p>JROTC: Two consecutive JROTC courses fulfill CTE two credits for diploma requirements.</p>
Physical Education	<p>1.0 credit including:</p> <ul style="list-style-type: none"> · Physical Education Lifetime Fitness (0.5 credit); and · Physical Education basic elective (0.5 credit)
Health	<p>0.5 credit:</p> <ul style="list-style-type: none"> · Health Today and Tomorrow
Personal Transition Plan	0.5 credits
Electives	6.0 credits
TOTAL	24.0 credits

Grade Point Average Distinctions	
Students with the following cumulative Grade Point Averages will receive their Hawaii High School diploma with the following distinctions:	
Cum Laude	Cumulative GPA of 3.0 to 3.5
Magna Cum Laude	Cumulative GPA of 3.5+ to 3.8
Summa Cum Laude	Cumulative GPA of 3.8+ and above

HONORS RECOGNITION CERTIFICATE REQUIREMENTS	
In addition to meeting the requirements for the Hawaii High School Diploma, the following must be met with a cumulative GPA of 3.0 or above for a honors recognition certificate in one or more of the following:	
ACADEMIC HONORS	CTE HONORS
<p>4 credits of Math: The four credits must include one credit for Algebra 2 and one credit beyond Algebra 2. The credit beyond Algebra 2 must be earned via the following courses or equivalent AP, IB or Running Start courses: Algebra 3, Trigonometry, Analytic Geometry, Precalculus, Probability, Statistics, Introduction to College Mathematics, or Calculus.</p> <p style="text-align: center;">AND</p> <p>4 credits of Science: Of the four credits, one credit must be in Biology 1 or equivalent IB Biology or AP Biology</p>	<p>Completes program of study (2-3 courses in sequence plus a state-identified specific academic course requirement).</p> <ul style="list-style-type: none"> · Earn a B or better in each required program of study (coursework). · Meet or exceed proficiency on performance-based assessments for the corresponding program of study.
	STEM HONORS

1 of equivalent IB Biology, or AP Biology courses.
AND
2 credits minimum must be from AP/IB/Running Start courses (equivalent to credits for two college courses).

4 credits of Math:
 The four credits must include one credit for Algebra 2 and one credit beyond Algebra 2. The credit beyond Algebra 2 must be earned via the following courses or equivalent AP, IB or Running Start courses: Algebra 3, Trigonometry, Analytic Geometry, Precalculus, Probability, Statistics, Introduction to College Mathematics, or Calculus.
AND
4 credits of Science:
 Of the four credits, one credit must be in Biology 1 or equivalent IB Biology; or AP Biology courses.
Successful completion of a STEM Capstone Project in one of the approved ACCN courses.

Certificate of Completion: The Certificate of Completion of an Individually Prescribed Program (IPP) shall be issued to a student with a disability who completes all the requirements set by the student's Individualized Education Program (IEP).

COMMENCEMENT EXERCISES:

Commencement exercises may be scheduled any time after the last day of school for seniors. The last day of school for seniors shall be set by the Hawaii State Department of Education. Students shall be permitted to participate in commencement if they:

- meet the requirements for a diploma or certificate;
- have fulfilled their financial obligations; and
- meet other conditions, as established by the Department, which meet the standards of clarity, reasonableness, and justifiability.



INSTRUCTIONS

Mark the appropriate box(es) for each subject. You will need a total of 8 credits for a complete schedule: 4 required courses have already been marked for you.

Credit Count

REGISTRAR USE ONLY:

ENGLISH	<input checked="" type="checkbox"/> x	English 1 Lab A & B & Eng 1	2	X Y Z J SI S
MATH Choose one	<input type="checkbox"/>	Math Wksp & Alg1 *For those who took Gr8 Math	2	
	<input type="checkbox"/>	Geometry & Math Workshop *For those who earned Alg1 credit in grade 8	2	SI or S
SOCIAL STUDIES	<input checked="" type="checkbox"/>	US History & Government	1	SI or S
SCIENCE	<input checked="" type="checkbox"/>	Physical Science	1	SI or S
ELECTIVE #1 Choose one	<input type="checkbox"/>	Transition to HS & Career/Life Planning	1	
	<input type="checkbox"/>	AVID Gr 9 *Must Complete	1	SI or S

PHYSICAL ED PE Lifetime Fitness & One: *Grad Requirement Lifetime Activities
 Team Sports

OR

ELECTIVE #2 Choose one Arts & General Art 1
 ROTC 1
 Beginner Band *Prior band experience NOT needed
 Band 1
 Chorus 1
 Ukulele 1

PERIOD 5 Check here if you are interested in taking PE Lifetime Fitness & Activities after school.

NOTE: Attendance and grades are taken; same school rules and expectations as day school apply.

PE Credit Count: 1
Elective Credit Count: 1

PATHWAYS

Turn the sheet over to learn more about the pathways and the course sequences.

EARLY COLLEGE

Are you interested in signing up for a Spring 2020 course?
 YES _____ NO _____

NEED HELP?

Contact your academic counselor.

Jared Nielson (Last Name A - K)
j.nielson@seariders.k12.hi.us

Dolores Weidman (Last Name L - Z)
d.weidman@seariders.k12.hi.us

I understand that if I **DO NOT** take my required PE this year I will need to make it up at a later time before graduation.

Print Student Name _____

Student Signature _____



INSTRUCTIONS

Mark the appropriate box(es) for each subject. You will need a total of 8 credits for a complete schedule: 4 required courses have already been marked for you.

			<u>Credit Count</u>	REGISTRAR USE ONLY:
ENGLISH	<input checked="" type="checkbox"/> <input type="checkbox"/>	English 2 Lab A & B & Eng 2	2	X Y Z J SI S
MATH Choose one	<input type="checkbox"/>	Math Workshop & Algebra 2	2	SI or S
	<input type="checkbox"/>	MOW 1 & Algebra 1	2	
	<input type="checkbox"/>	Algebra 2 & Test Prep	2	
SOCIAL STUDIES	<input checked="" type="checkbox"/>	World History	1	SI or S
SCIENCE	<input checked="" type="checkbox"/>	Biology	1	SI or S
ELECTIVE Choose one	<input type="checkbox"/>	Health *Grad Requirement & Advanced Guidance	1	
	<input type="checkbox"/>	AVID Gr10	1	

Pathway Core / Elective Credit Count: 1

PATHWAY CORE
Choose one

* Turn the sheet over to learn more about the Pathways and the course sequences.

<input type="checkbox"/>	Arts & Communications Core (Searider Productions)
<input type="checkbox"/>	Business
<input type="checkbox"/>	Health and
<input type="checkbox"/>	Industrial
<input type="checkbox"/>	Natural
<input type="checkbox"/>	Public
<input type="checkbox"/>	Culinary
<input type="checkbox"/>	Education

NOTE 1 --
If you are already in the **ARTS & COMMUNICATIONS CORE** and would like to continue, turn form over and circle the "TECH" course in the major of your choice.

NOTE 2 --
If you took Level 1 of any of the following courses and would like to continue, turn form over and circle Level 2 of this pathway:

Art
Band
Chorus
ROTC
Ukulele

EARLY COLLEGE

YES NO

I am interested in signing up for an Early College course.

* **Counselor** : Please note courses/ details on back.

NEED HELP?

Contact your academic counselor.

Jared Nielson (Last Name A - K)
j.nielson@seariders.k12.hi.us

Dolores Weidman (Last Name L - Z)
d.weidman@seariders.k12.hi.us

I understand that if I **DO NOT** take my required Health this year I will need to make it up at a later time before graduation.

Print Student Name _____

Student Signature _____



INSTRUCTIONS

Mark the appropriate box(es) for each subject. You will need a total of 8 credits for a complete schedule: 2 required courses have already been marked for you.

		Credit Count		REGISTRAR USE ONLY:
ENGLISH Choose one	<input type="checkbox"/>	Grade 11 English Lab A/B --> Expository Writing 1 / 2	2	J SI S
	<input type="checkbox"/>	AP English 3 Lab A/B --> AP Language Comp	2	
	<input type="checkbox"/>	MSLC English 3 Lab A/B --> Expository Writing 1 / 2	2	
		<i>* Required ELA if enrolled in the Marine Science pathway.</i>		
SCIENCE Choose one	<input type="checkbox"/>	Chemistry (Math Intensive) X	1	SI or S
	<input type="checkbox"/>	Chemistry (Conceptual) Y	1	
	<input type="checkbox"/>	Plants & Animals	1	
SOCIAL STUDIES	<input checked="" type="checkbox"/>	Modern History of Hawaii & Participation in Democracy	1	SI or S
MATH	<input type="checkbox"/>	Algebra 2	1	SI or S
	<input type="checkbox"/>	Pre-Calculus & Trigonometry (1/2 + 1/2)	1	
	<input type="checkbox"/>	Probability & Statistics (1/2 + 1/2)	1	
	<input type="checkbox"/>	Geometry (Recovery)	1	

OPTIONAL	<input type="checkbox"/>	AVID Elective (1 credit) Advancement Via Individual Determination. This course is designed to assist students in developing college skills, confirming postsecondary plans and to participate in college-bound activities.		
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PATHWAYS

- Check the pathway you are in (the pathway core class that you are taking in grade 10)
- Turn over sheet and circle the first two electives listed under your major of choice.

Note: If you would like to change pathways, you will need to take the core pathway and you will not be able to take the major electives until your senior year.

Counselor: Please make note on back.

<input type="checkbox"/>	Arts & Communication
<input type="checkbox"/>	Business
<input type="checkbox"/>	Health and Human Services
<input type="checkbox"/>	Industrial Engineering
<input type="checkbox"/>	Natural Resources
<input type="checkbox"/>	Public Human Services / Health
<input type="checkbox"/>	Culinary
<input type="checkbox"/>	Education
<input type="checkbox"/>	Art
<input type="checkbox"/>	Band
<input type="checkbox"/>	Chorus
<input type="checkbox"/>	ROTC
<input type="checkbox"/>	Ukulele

EARLY COLLEGE ?

YES _____ NO _____

*** Counselor :**
Please note courses/ details on back.

*** HONORS CERTIFICATES**

Please be sure to plan ahead and work with your academic counselor, if you are working to earn an Academic, CTE and/ or STEM Honors Recognition.

CREDIT RECOVERY

I would like to **RECOVER** the following course(s) :

.....

.....

.....

NEED HELP?

Contact your academic counselor.

Desire' DeSoto (Last Name A - K)
d.desoto@seariders.k12.hi.us

K-Cel Mamane-Tapeni (Last Name L - Z)
k.mamanetapeni@seariders.k12.hi.us

I understand that if I choose to repeat a course for a better grade, the initial attempt will NOT be removed from my transcript.

Print Student Name _____

Student Signature _____



INSTRUCTIONS

Mark the appropriate box(es) for each subject. You will need a total of 8 credits for a complete schedule.

				<u>Credit Count</u>	REGISTRAR USE ONLY:
ENGLISH Choose one	<input type="checkbox"/>	Grade 12 English 4	1		
	<input type="checkbox"/>	AP English 4 Lab A/B ---} AP Lit & Comp	2	J	SI S
	<input type="checkbox"/>	MSLC English 4 Lab A/B ---} English 4 <small>* Required ELA if</small>	2		
SCIENCE Choose one	<input type="checkbox"/>	Physics	1		
	<input type="checkbox"/>	Intro to Forensics	1		
	<input type="checkbox"/>	Human Physiology	1	SI	or S
	<input type="checkbox"/>	Chemistry	1		
	<input type="checkbox"/>	Plants & Animals	1		
SOCIAL STUDIES Choose one pair	<input type="checkbox"/>	Psychology & Economics	1		
	<input type="checkbox"/>	Geography & Pacific Island Cultures	1	SI	or S
MATH	<input type="checkbox"/>	Pre-Calculus & Trigonometry (1/2 + 1/2)	1		
	<input type="checkbox"/>	Calculus	1		
	<input type="checkbox"/>	Probability & Statistics (1/2 + 1/2)	1	SI	or S
	<input type="checkbox"/>	Algebra 2	1		
	<input type="checkbox"/>	Geometry (Recovery)	1		
OPTIONAL	<input type="checkbox"/>	AVID Elective (1 credit) Advancement Via Individual Determination. This course is designed to assist students in developing college skills, confirming postsecondary plans and to participate in college-bound activities.			
PATHWAYS 1. Check the pathway you are in. 2. Turn over sheet and circle the last two electives listed under your major of choice.	<input type="checkbox"/>	Arts & ...			
	<input type="checkbox"/>	Business			
	<input type="checkbox"/>	Health and Human Services			
	<input type="checkbox"/>	Industrial Engineering & Natural Resources			
	<input type="checkbox"/>	Public Human Services (Health)			
	<input type="checkbox"/>	Culinary			
	<input type="checkbox"/>	Education			
	<input type="checkbox"/>	Art			
	<input type="checkbox"/>				
	<input type="checkbox"/>				

EARLY COLLEGE ?

YES _____ NO _____

*** Counselor :**
Please note courses/ details on back.

PTP: Personal Transition Plan

This **required 0.5 credit** will be worked on via your CTE Pathway. If you are not in a CTE Pathway this year, you are responsible for independently

- Band
- Chorus
- ROTC
- Ukulele

year, you are responsible for independently completing this graduation requirement.

CREDIT RECOVERY

I would like to **RECOVER** the following course(s) :

.....

NEED HELP?

Contact your academic counselor.

Lianne Hee (Last Name A - H)
 l.hee@seariders.k12.hi.us

Fawn Park (Last Name I - N)
 f.park@seariders.k12.hi.us

Sam Grossi (Last Name O - Z)
 s.grossi@seariders.k12.hi.us

I understand that if I choose to repeat a course for a better grade, the initial attempt will NOT be removed from my transcript.

Print Student Name _____

Student Signature _____

PATHWAY MAJORS

ALL courses listed = 1 credit, unless otherwise stated.

* Denotes CTE Pathway. NOTE: The CTE Pathway Core must be completed before entering into a CTE major.

* ARTS & COMMUNICATION				
BROADCAST Major	GRAPHIC DESIGN Major	PHOTOGRAPHY Major	VIDEO Major	YEARBOOK Major
Digital Media Tech (B)	Graphic Design Tech 1	Digital Media Tech (P)	Digital Media Tech (V)	Digital Media Tech (Y)
Broadcast Media	Computer Art	Photography 1	Television Production 1	Yearbook 1
Newswriting	Graphic Design Tech 2	Photography 2	Television Production 2	Yearbook 2
A & C Capstone	A & C Capstone	A & C Capstone	A & C Capstone	A & C Capstone

* BUSINESS	* HEALTH & HUMAN SERVICE	* PUBLIC HUMAN SERVICE	
BUSINESS Major	HHS Major	CULINARY Major	EDUCATION Major
Marketing	Clinical Health	Culinary 1	Explorations in Ed
Accounting	Health Information	Culinary 2	Elementary Ed
Entrepreneurship	Nurse Aide Training	Entrepreneurship	Secondary Ed
Business Capstone	HHS Capstone	PHS Capstone	PHS Capstone

JROTC
JROTC
1 - 2
3 - 4
5 - 6
7 - 8

* INDUSTRIAL ENGINEERING & TECHNOLOGY			
AUTOMOTIVE Major	BLDG. & CONSTRUCT Major	ENGINEERING Major	ELECTRICITY & ELECTRON Major
Auto Tech 1	Bldg. & Construction 1	Engineer Tech 1	Electricity/ Electronics
Auto Tech 2	Bldg. & Construction 2	Engineer Tech 2	Electronic Tech 1
Metal Tech	Desgin Tech 1	Entrepreneurship	Design Tech 1
IET Capstone	IET Capstone	IET Capstone	IET Capstone

WORLD LANGUAGES	
* Counselor recommendation needed for Gr10 students to take a language.	
HAWAIIAN Hawaiian 1 - 2 - 3	JAPANESE Japanese 1 - 2 - 3
SPANISH Spanish 1 - 2 - 3	FRENCH French 1 - 2

* NATURAL RESOURCES		
AGRICULTURE Major	HAWAIIAN STUDIES Major	MARINE SCIENCE Major **
Plant Systems	Environmental Resource MGMT	NR Production 1
NR Production 1	Forestry	Marine Science
NR Production 2	Hawaiian/Directed Studies	Environmental Res MGMT
NR Capstone	NR Capstone	NR Capstone

*** If enrolled in this pathway, MSLC English courses are required.

NON - MAJOR ELECTIVES
<input type="checkbox"/> Entrepreneurship
<input type="checkbox"/> Fitness & Weights (1/2 credit each)
<input type="checkbox"/> General Art
<input type="checkbox"/> Nutrition/Culinary
<input type="checkbox"/> Photography 1 & 2

FINE ARTS			
ART	BAND	CHORUS	UKULELE
General Art 1 - 2 - 3	Beginner	1 - 2	1 - 2
Draw & Paint 1 - 2 - 3	1 - 2	3 - 4	3 - 4
Ceramics 1 - 2 - 3	3 - 4		

Fashion 1 & 2
Peer Ed A & B (1/2 credit each)
Leadership A & B (1/2 credit each)
** Need Counselor Recommendation

COUNSELOR Notes

REGISTRAR OFFICE Use Only

Course Descriptions

Course Code	Course Title	Credit	Req.	Type	Content Area	Description
CHW1100	WORLD HISTORY / CULTURE	1	No	Required	SOCIAL STUDIES	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. NOTE: CHA6300 Advanced Placement (AP) World History can be substituted for this course.
CSD2100	GEOGRAPHY	0.5	No	Basic Elective	SOCIAL STUDIES	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. Students are actively engaged in stewardship activities.
CSD2200	PSYCHOLOGY	0.5	No	Basic Elective	SOCIAL STUDIES	This course helps students to understand the physiological and psychological basis for human behavior. Students explore the differences between theory and facts that cannot be proven scientifically, in the context of human behavior. This course also focuses on examining research methods in psychology, exploring different learning theories, and understanding aspects of behavior disorders.
CSD2500	ECONOMICS	0.5	No	Basic Elective	SOCIAL STUDIES	This course synthesizes the economic concepts of choice and opportunity costs, markets, interdependence, and government roles. It engages students in gathering and interpreting data to analyze economic changes and impacts on groups and individuals. It empowers students to make and evaluate personal economic decisions.
FMB1000	INTRO BAND GR 9-12	1	No	Specialized Elective	FINE ARTS	Introduction of musical techniques and instruments are taught in this course. This will include care of an instrument, correct posture, breath control, tone production, intonation, articulation, musical terminology, and fingerings. Students study simple music and are given the opportunity to play and listen to different types of musical compositions.
FMB2000	BAND 1	1	No	Specialized Elective	FINE ARTS	The Band 1 course is designed for students who have fulfilled the requirements of Beginning 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 (including contemporary, avant-garde, and ethnic music). Performances for school and public are an integral part of the program. Original band literature, arrangements, and orchestral transcription from Grades I to IV are included for study and performance.
FMB3000	BAND 2	1	No	Specialized Elective	FINE ARTS	The Band 2 course is designed for students who have fulfilled the requirements of Band 1 or its equivalent. Development of appropriate and higher level musicianship qualities are emphasized and taught. Band literature (Grades I to V) from various classifications is studied for performance. The course will provide opportunities for school and community performances.
FMB4000	BAND 3	1	No	Specialized Elective	FINE ARTS	The Band 3 course is designed for students who have fulfilled the requirements of Band 2 or its equivalent. Development of appropriate and higher level musicianship qualities is emphasized and taught. Band literature (Grades I to V) 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	No	Specialized Elective	FINE ARTS	The Band 4 course is designed for students who have fulfilled the requirements of Band 3. Development of appropriate and higher level musicianship qualities is emphasized and taught. Band literature from Grades I to VI 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.
FMC1000	CHORUS 1	1	No	Specialized Elective	FINE ARTS	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.
FMC2000	CHORUS 2	1	No	Specialized Elective	FINE ARTS	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.

FMC3000	CHORUS 3	1 No	Specialized Elective	FINE ARTS	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, three-part and four-part harmonies are sung. Students are able to perform Grades I to V choral literature.
FMC4000	CHORUS 4	1 No	Specialized Elective	FINE ARTS	The Chorus 4 course is designed for students who have fulfilled the requirements of Chorus 3 or its equivalent. Students develop musical skills and techniques through the performance of various solo, ensemble, a cappella, and appropriate choral literature. Students are able to perform Grades I to VI choral literature.
FML1000	UKULELE 1	1 No	Specialized Elective	FINE ARTS	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. The instructor may select additional national music standards appropriate for the course and may integrate other Fine Arts standards.
FML2000	UKULELE 2	1 No	Specialized Elective	FINE ARTS	This course is a continuation of the Ukulele 1 course or its equivalent. 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. The instructor may select additional national music standards appropriate for the course and may integrate other Fine Arts standards.
FML3000	UKULELE 3	1 No	Specialized Elective	FINE ARTS	This course is a continuation of the Ukulele 2 course or its equivalent. Students develop appropriate higher-level skills in ukulele playing, with a focus on analyzing and improvising music. Performing as a soloist and in groups for the school community is an important part of the course. The instructor may select additional national music standards appropriate for the course and may integrate other Fine Arts standards.
FML4000	UKULELE 4	1 No	Specialized Elective	FINE ARTS	This course is a continuation of the Ukulele 3 course or its equivalent. Students develop advanced skills in ukulele playing with a focus on analyzing, improvising, and recording music. Students work independently while performing as soloist or in groups for school and community events. The instructor may select additional national music standards appropriate for the course and may integrate other Fine Arts standards.
FVB1000	GENERAL ART 1	1 No	Specialized Elective	FINE ARTS	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.
FVB2000	GENERAL ART 2	1 No	Specialized Elective	FINE ARTS	This course follows General Art 1 and 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.
FVB3000	GENERAL ART 3	1 No	Specialized Elective	FINE ARTS	This is an advanced course to further expand skills learned in General Art 2. This course provides students with opportunities to develop a portfolio of works which demonstrate attainment of art production skills, creative potential, aesthetic sensitivity, and understanding of personal expression through the Visual Arts.
FVL1000	CERAMICS 1	1 No	Specialized Elective	FINE ARTS	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, glazing techniques, and other methods of surface decoration are explored.
FVL2000	CERAMICS 2	1 No	Specialized Elective	FINE ARTS	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.
FVL3000	CERAMICS 3	1 No	Specialized Elective	FINE ARTS	This advanced 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.
FVP1000	PHOTOGRAPHY 1	1 No	Specialized Elective	FINE ARTS	This is an introductory course on photography. Basic techniques taught are composition, exposure, lighting, camera care and operation, film processing, contact printing, enlarging and print mounting either through traditional photographic techniques or through digital media. Darkroom safety procedures are introduced.
FVP2000	PHOTOGRAPHY 2	1 No	Specialized Elective	FINE ARTS	This is an intermediate course covering advanced exposure techniques involving measured and controlled light and time, the use of filters, film development for specific requirements and basic color photography either through traditional photographic techniques or through digital media. Individual projects include experiences in print toning, action photos, architectural compositions, and photos for news coverage. Further darkroom techniques and procedures may be utilized.
FVP3000	PHOTOGRAPHY 3	1 No	Specialized Elective	FINE ARTS	This is an advanced course that further develops skills and techniques learned in Photography 1 and 2 and offers new ideas and techniques utilized in contemporary photography. It is designed to emphasize the use of imaging processes as creative and vital forms of visual communication. Individualized studies will stress experimentation and research in specialized areas of interest, such as multi-media presentations. Additional experiences will relate photography to imaging processes in video, still and motion pictures, television, and advertising art either through traditional photographic techniques or through digital media. Development of a portfolio of images is strongly encouraged.
FVQ1000	DRAWING / PAINTING 1	1 No	Specialized Elective	FINE ARTS	This is an introduction to drawing and painting in the secondary school. Experiences include experimentation in dry media such as pencil, pastels, and conte crayon, and wet media such as ink watercolor, tempera, acrylics, and mixed media. Drawing and painting skills are refined to support personal interpretations and development of artistic style. Drawings and paintings of various cultures are introduced, aesthetically scanned, and further explored as investigative research.
FVQ2000	DRAWING / PAINTING 2	1 No	Specialized Elective	FINE ARTS	This course is designed to expand on skills, attitudes, and knowledge gained from Drawing and Painting 1. Experiences may emphasize a particular medium and specialized subject matter. The examination and study of artworks of various periods and cultures is encouraged.
FVQ3000	DRAWING / PAINTING 3	1 No	Specialized Elective	FINE ARTS	This is an advanced course to further expand skills, attitudes, and knowledge gained from Drawing and Painting 1 and 2. The emphasis is on developing a student's individual style of creative expression in one or more modes of expression. This course is designed to prepare students for continued study in an art school, college, or university.
FVW1000	CMPTR ART	1 No	Specialized Elective	FINE ARTS	This course provides students with opportunities to explore art and computer technology to develop a unique blend of skills that may be translated to computer. Students will learn to use various computer software programs, techniques, and strategies along with computer hardware to enhance, modify, or create two- and three- dimensional digital art. Activities may be applied to visual solutions for advertising, publishing, and animation. Issues and topics on standards, ethics, and qualifications for computer art will also be addressed.

HLE1000	HLTH-TODAY / TOMORROW	0.5	No	Required	HEALTH	This standards-based course is required of all students in grades 9 or 10. Students in this required course develop and practice skills that will promote and protect the health of self and others. Students engage in in-depth discussion and exploration of current issues and health trends for adolescents. Content (topic) areas can include but are not limited to: Promote Mental and Emotional Health, Promote Healthy Eating and Physical Activity, Promote Personal Health and Wellness, Promote Safety and Prevent Unintentional Injury and Violence, Promote Tobacco-Free Life Styles, Promote Alcohol and other Drug-Free Life Style, and Promote Sexual Health and Responsibility. 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.
HMP0100	PEER ED PROG 1A	0.5	No	Specialized Elective	HEALTH	This standards-based course is offered as an elective to students in grades 6 to 8. This course is service-learning intensive and is designed to allow students the opportunity to acquire health-enhancing knowledge and skills. Student Peer Educators explore a variety of health risk areas such as AIDS and STDs, personal and social skills, substance abuse, teen pregnancy, teen suicide, and sexual violence. This course focuses in depth on health standard one on core content and standard two on accessing valid health information as well as the support of healthy behaviors in others. Emphasis is placed on the introduction of the peer helper skills outlined in the National Peer Helper Association Programmatic Standards. Students must obtain permission from the instructor to register for this course. Students must successfully complete HEA0100 before taking this course.
HMP0200	PEER ED PROG 1B	0.5	No	(HM01) Specialized Elective	HEALTH	This standards-based course is offered as an elective to students in grades 6 to 8. This course is service-learning intensive and is designed to allow students the opportunity to acquire health-enhancing knowledge and skills. Student Peer Educators explore a variety of health risk areas such as AIDS and STDs, personal and social skills, substance abuse, teen pregnancy, teen suicide, and sexual violence. This course focuses in depth on health standard one on core content and standard four on analyzing health information as well as the support of healthy behaviors in others. Emphasis is placed on the initiation of the peer helper skills outlined in the National Peer Helper Association Programmatic Standards. Students must obtain permission from the instructor to register for this course. It is highly recommended that students successfully complete HMP0100 prior to taking this course.
LAY6010	AP ENG-LANG / COMP	1	No	Basic Elective	ENGLISH LANGUAGE ARTS	Advanced Placement (AP) English - Language and Composition
LAY6100	AP ENG-LIT / COMP	1	No	Basic Elective	ENGLISH LANGUAGE ARTS	Advanced Placement (AP) English - Composition and Literature
LCY1010	ENG LANG ARTS 1 GR 9	1	No	Required	ENGLISH LANGUAGE ARTS	This course provides a balanced program of reading, writing, and oral communication. All of the ninth-grade benchmarks are addressed in this course. Reading, writing, speaking, and listening are experienced as interactive and interrelated processes focusing both on meaning and on semantic, syntactic, and grammatical conventions. 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. Texts are carefully selected to include a range of traditional and contemporary, canonical and non-canonical texts in many genres. The study of language focuses on how it is used in relevant social contexts and how it is used by individuals to structure their perceptions and experiences.
LCY2010	ENG LANG ARTS 2 GR 10	1	No	Required	ENGLISH LANGUAGE ARTS	This course provides a balanced program of reading, writing, and oral communication. All of the tenth-grade benchmarks are addressed in this course. Reading, writing, speaking, and listening are experienced as interactive and interrelated processes focusing both on meaning and on semantic, syntactic, and grammatical conventions. 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. Texts include a wide variety of works that contribute to an understanding of our common culture and the culture of others and that reflect themes uniting all cultures. The study of language includes the description of language and its role in communication as well as the construction of meaning.
LCY3010	ENG LANG ARTS 3 GR 11	1	No	Basic Elective	ENGLISH LANGUAGE ARTS	This course provides a balanced program of reading, writing, and oral communication. All of the eleventh-grade benchmarks are addressed in this course. 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	ENG LANG ARTS 4 GR 12	1	No	Basic Elective	ENGLISH LANGUAGE ARTS	This course provides a balanced program of reading, writing, and oral communication. All of the twelfth-grade benchmarks are addressed in this course. Students refine their knowledge of specific strategies within these strands and implement and evaluate the effectiveness of their choice of strategies. They develop greater precision and refinement in their use of written and spoken language. 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. Literary selections reflect a rich history of perceptions and ideas expressed by writers of the past and present. The study of language includes knowledge of its underlying principles and an understanding of how language functions in and is affected by social systems.
LJY8210	NEWSWRITING 1	1	No	Specialized Elective	ENGLISH LANGUAGE ARTS	This course is for students who are interested in participating as a member of the school newspaper staff. It covers study of the various parts of the newspaper, its major functions, and the responsibilities involved in newspaper production.
LJY8300	NEWSWRITING 2	1	No	Specialized Elective	ENGLISH LANGUAGE ARTS	This is an intermediate course for students who want additional experience in news writing. Emphasis is on independent writing and work on the school newspaper and team work in planning and producing a quality newspaper on schedule.

MAX1080	MODELING WORLD 1	1	No	Basic Elective	MATHEMATICS	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 and exponential functions. The course may be taken prior to enrollment in Algebra I, however, the course is intended to be taken concurrently with Algebra I, to provide supplemental learning opportunities for students needing additional support to be successful in Algebra I. As a continuation of Modeling Our World IA, this course provides additional learning opportunities incorporating the use of modeling to represent both mathematical and real-world contexts. The focus on modeling 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 and exponential functions, as well as geometry and statistics topics that require the use of mathematical modeling.
MAX1155	ALGEBRA 1	1	No	Required	MATHEMATICS	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 bivariate data to identify and explain apparent relationships. Learning opportunities will support students to understand and describe 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. With the new Board Policy 4540, Algebra 1 is a required course for graduation beginning with students graduating in 2016.
MAX1200	ALGEBRA 2	1	No	Basic Elective	MATHEMATICS	The Algebra 2 course extends the algebraic skills and knowledge developed in Algebra 1B 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: quadratic relations and systems, polynomial equations, exponents and logarithms, sequences and series, matrices and determinants, and permutation and combinations.
MCX1010	TRIGONOMETRY	0.5	No	Basic Elective	MATHEMATICS	Designed for students who have a two-year background in algebra, including some coordinate geometry, this course provides intensive study of trigonometric functions, fundamental identities, trigonometric equations, inverse trigonometric functions, and applications including vectors, trigonometric and polar forms of complex numbers. Emphasis is placed on relationships to scientific phenomena and the integration of appropriate technology (e.g., graphing calculators and computer applications).
MCX1020	PRECALCULUS	0.5	No	Basic Elective	MATHEMATICS	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).
MCX1040	CALCULUS	1	No	Basic Elective	MATHEMATICS	This is an introductory course for students who need an orientation to calculus in preparation for related studies or for entry into college calculus.
MGX1150	GEOMETRY	1	No	Required	MATHEMATICS	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.
NSC1015	COMM-BASE INSTR 1	0	No	Intensive (non- credit)	SPECIAL PROGRAMS	COMMUNITY BASED INSTRUCTION: The purposes of this program are to provide students with functional, standards-based knowledge and skills to use to access and utilize the resources in their community. In addition, the student outcomes for this series of courses include, but are not limited to (a) the ability to self-advocate, (b) the development of daily living and social skills, appropriate behaviors and attitudes, and (c) demonstrate increased independence and mobility in their community. The activities must be linked to the students' goals and objectives and should support the students' post-school outcomes of the transition plan in the IEP. They must be authentic, challenging and age-appropriate and are not field trips. The course descriptions below are general and not meant to limit planning to specifically what is described; the scope of the activities is dependent on the readiness level of each student as determined by the IEP. NSC1015 COMMUNITY BASED INSTRUCTION 1 In addition to standards-based instruction, this course provides a general overview of the community based instruction program and includes the development of school and community mobility training, daily living and socialization skills and attitudes.
NSC1025	COMM-BASE INSTR 2	0	No	Intensive (non- credit)	SPECIAL PROGRAMS	COMMUNITY BASED INSTRUCTION: The purposes of this program are to provide students with functional, standards-based knowledge and skills to use to access and utilize the resources in their community. In addition, the student outcomes for this series of courses include, but are not limited to (a) the ability to self-advocate, (b) the development of daily living and social skills, appropriate behaviors and attitudes, and (c) demonstrate increased independence and mobility in their community. The activities must be linked to the students' goals and objectives and should support the students' post-school outcomes of the transition plan in the IEP. They must be authentic, challenging and age-appropriate and are not field trips. The course descriptions below are general and not meant to limit planning to specifically what is described; the scope of the activities is dependent on the readiness level of each student as determined by the IEP. NSC1025 COMMUNITY BASED INSTRUCTION 2 In addition to standards-based instruction, this course uses the school and community environments to provide the context for developing skills and the opportunity to practice and make connections to what is being learned. Refer to student outcomes above.
NSC1035	COMM-BASE INSTR 3	0	No	Intensive (non- credit)	SPECIAL PROGRAMS	COMMUNITY BASED INSTRUCTION: The purposes of this program are to provide students with functional, standards-based knowledge and skills to use to access and utilize the resources in their community. In addition, the student outcomes for this series of courses include, but are not limited to (a) the ability to self-advocate, (b) the development of daily living and social skills, appropriate behaviors and attitudes, and (c) demonstrate increased independence and mobility in their community. The activities must be linked to the students' goals and objectives and should support the students' post-school outcomes of the transition plan in the IEP. They must be authentic, challenging and age-appropriate and are not field trips. The course descriptions below are general and not meant to limit planning to specifically what is described; the scope of the activities is dependent on the readiness level of each student as determined by the IEP. NSC1035 COMMUNITY BASED INSTRUCTION 3 In addition to standards-based instruction, this course continues to emphasize practice of age-appropriate skills, using knowledge gained in the classroom. Students should begin to demonstrate proficiency in the home and community environments. Refer to student outcomes above.

NSC1045	COMM-BASE INSTR 4	0 No	Intensive (non- credit)	SPECIAL PROGRAMS	COMMUNITY BASED INSTRUCTION: The purposes of this program are to provide students with functional, standards-based knowledge and skills to use to access and utilize the resources in their community. In addition, the student outcomes for this series of courses include, but are not limited to (a) the ability to self-advocate, (b) the development of daily living and social skills, appropriate behaviors and attitudes, and (c) demonstrate increased independence and mobility in their community. The activities must be linked to the students' goals and objectives and should support the students' post-school outcomes of the transition plan in the IEP. They must be authentic, challenging and age-appropriate and are not field trips. The course descriptions below are general and not meant to limit planning to specifically what is described; the scope of the activities is dependent on the readiness level of each student as determined by the IEP. NSC1045 COMMUNITY BASED INSTRUCTION 4 In addition to standards-based instruction, this course continues emphasize practice of age-appropriate skills and the demonstration of increased proficiency of appropriate skills in the home and community environments. Refer to student outcomes above.
NSC1055	COMM-BASE INSTR 5	0 No	Intensive (non- credit)	SPECIAL PROGRAMS	COMMUNITY BASED INSTRUCTION: The purposes of this program are to provide students with functional, standards-based knowledge and skills to use to access and utilize the resources in their community. In addition, the student outcomes for this series of courses include, but are not limited to (a) the ability to self-advocate, (b) the development of daily living and social skills, appropriate behaviors and attitudes, and (c) demonstrate increased independence and mobility in their community. The activities must be linked to the students' goals and objectives and should support the students' post-school outcomes of the transition plan in the IEP. They must be authentic, challenging and age-appropriate and are not field trips. The course descriptions below are general and not meant to limit planning to specifically what is described; the scope of the activities is dependent on the readiness level of each student as determined by the IEP. NSC1055 COMMUNITY BASED INSTRUCTION 5 In addition to standards-based instruction, this course continues emphasize practice of and the demonstration of increased proficiency of appropriate knowledge, skills, and behaviors in the home and community. Students should be exploring potential careers of interest. For students eligible for Vocational Rehabilitation (VR) services, the school's SEVR (Special Education Vocational Rehabilitation) coordinator works collaboratively with the VR counselor to integrate the program activities and goals, which support the achievement of the post-school outcomes, particularly the employment outcome as documented in the transition plan of the IEP. Refer to student outcomes above.
NSC1065	COMM-BASE INSTR 6	0 No	Intensive (non- credit)	SPECIAL PROGRAMS	COMMUNITY BASED INSTRUCTION: The purposes of this program are to provide students with functional, standards-based knowledge and skills to use to access and utilize the resources in their community. In addition, the student outcomes for this series of courses include, but are not limited to (a) the ability to self-advocate, (b) the development of daily living and social skills, appropriate behaviors and attitudes, and (c) demonstrate increased independence and mobility in their community. The activities must be linked to the students' goals and objectives and should support the students' post-school outcomes of the transition plan in the IEP. They must be authentic, challenging and age-appropriate and are not field trips. The course descriptions below are general and not meant to limit planning to specifically what is described; the scope of the activities is dependent on the readiness level of each student as determined by the IEP. NSC1065 COMMUNITY BASED INSTRUCTION 6 In addition to standards-based instruction, this course emphasizes the demonstration of increased proficiency of appropriate knowledge, skills, and behaviors in the home and community. Students continue to explore potential careers of interest and identify a preferred choice. For students eligible for Vocational Rehabilitation (VR) services, the school's SEVR (Special Education Vocational Rehabilitation) coordinator works collaboratively with the VR counselor to integrate the program activities and goals, which support the achievement of the post-school outcomes.
PEP1005	PHY ED LIFETIME FIT	0.5 No	Required	PHYSICAL EDUCATION	By successfully completing this course, students will meet benchmarks for the Physical Education Hawaii Content and Performance Standards III. This standards-based course is designed to build on intermediate or middle school Physical Education course experiences. The intent of this course is 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 twelve. The content of this course should empower learners to actualize a vision of themselves as competent movers with the skills, knowledge, and desire to become life-long participants in physical activities. All classes include general conditioning principles and concepts as well as activity specific conditioning principles and concepts. Classes, when appropriate, will utilize technology. This technology may include but not be limited to: Pedometers, Heart Rate Monitors, Body Composition Analyzers, Computers, and other technology used for individualizing student feedback. Instructors will select and offer activities from the following suggested list of highly regarded lifetime activities: Badminton, Tennis, Paddle Tennis, Soft Tennis, Pickle Ball, Table Tennis, Eclipse Ball, Swimming, Water Aerobics, Water Activities, Snorkeling, Kayaking, Fishing, Paddle Boarding, Hiking, Orienteering, Recreational Walking and/or Jogging, Bicycling, Adventure Activities, Trampoline, In-line Skating, Archery, Bowling, Golf, Shuffleboard, Horseshoes, Fencing, Bocce Ball, Lawn Bowling, Croquet, Frisbee Activities, Aerobics, Dance, Pilates, Yoga, Tai Chi, Functional Core Fitness, Stability Ball, Non-Contact Martial Arts.
PEP1010	PHY ED-LIFETIME ACTIVITIES	0.5 No	Basic Elective	PHYSICAL EDUCATION	By successfully completing this course, students will meet benchmarks for the Physical Education Hawaii Content and Performance Standards III. This course develops and strengthens physical movement forms, concepts, principles, and skills through participation in a variety of physical fitness experiences, including target, net, field, invasion, and aquatic sports and games. Students will assess personal levels of physical fitness that reinforce these physical activities in their daily lives. Students should develop and apply a variety of locomotor and non-locomotor movement skills throughout the course to a range of modified games and lead-up activities. The content of this course should empower learners to actualize a vision of themselves as competent movers with the skills, knowledge, and desire to become life-long participants in physical activities. Instruction should reintroduce sport activities which could include, but are not limited to: outdoor adventure games, archery, table tennis, tennis, basketball, volleyball, soccer, softball, team handball, flag football, swimming, water polo, ultimate Frisbee, golf, wrestling, and weight and resistance training. Key features of this course: a revisit and application of the students' four year personal fitness plan, acquisition and application of skills, understanding of rules and strategies, importance of fair play, and the transfer of skills into lifetime activity situations.

PF1310	PHY FIT 1A LIFE	0.5	No	Basic Elective	PHYSICAL EDUCATION	By successfully completing this course, students will meet benchmarks for the Physical Education Hawaii Content and Performance Standards III. Students will assess personal levels of physical fitness and physical activity to revisit and apply the students' four year personal fitness plan to reinforce physical activity in their daily lives. 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. The content of this course empowers learners to actualize a vision of themselves as competent movers with the skills, knowledge, and desire to become life-long participants in physical activities. Students will learn to accurately assess personal fitness levels by completing a variety of measurement assessment activities. The physical fitness assessment activities may include the following: mile run, shuttle run, sit-ups, pull-ups, vertical hang, standing long jump, vertical leap, 600-yard walk-run, pacer, and 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. Students will re-assess their fitness levels after participating in their individual training programs and will use the results to evaluate the training program and set realistic training goals for the future. Instruction in this course should emphasize measuring improvements of personal fitness components (cardiorespiratory 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.
PTP1640	TEAM SPORTS 1	0.5	No	Specialized Elective	PHYSICAL EDUCATION	This course is designed to strengthen physical movement forms, concepts, principles, and skills through participation in a variety of team sports. Team Sports 1 should reintroduce a variety of lead-up activities and modified games that require students to apply locomotor and non-locomotor movement skills (jumping, turning, twisting, leaping, etc.), movement concepts (chasing, fleeing, dodging, etc.), and manipulative skills (dribbling, kicking, punting, throwing, catching, volleying, and striking) in complex changing situations. Team sports could include, but are not limited to: adventure games, basketball, volleyball, soccer, softball, team handball, water polo and flag football. Students will learn positions represented in the different sports and basic rules and etiquette and strategies needed to participate competently in each sport. Students should follow certain precautions that need to be taken when participating in team sports to ensure the safety of themselves and others. Instruction should reinforce fundamental movement skills and the importance of working as a team to accomplish collective goals and desired outcomes. Key features of this course: introduce a variety of team sports, reinforce fundamental skills and sportspersonship and develop an appreciation of team sports.
PWP1210	WT / RESISTANCE TR 1A	0.5	No	Specialized Elective	PHYSICAL EDUCATION	This course is designed to introduce and/or reintroduce weight and resistance training safety and etiquette as well as define muscular strength and endurance. Topics related to safety and etiquette could include, but are not limited to: breathing, proper footwear, posture, technique, spotting, proper use of equipment, proper procedures, etc. Instruction should define and reinforce development of muscular strength and endurance through modified weight and resistance training exercises including: plyometrics, free weights, universal apparatus, own body weight (as resistance), resistance bands and/or tubing, pulleys, medicine balls, weighted ropes, etc. Students will be required to develop and implement a training program not only geared to improve their muscular strength and conditioning, but also to increase their overall flexibility and body composition. Weight and resistance training exercises should target muscle groups including muscles of the head and neck, trunk, lower and upper extremities, and combinations of these muscle groups. Instruction in this course will emphasize and reinforce safety and etiquette when participating in weight and resistance training activities, as well as defining muscular strength and endurance. Key features of this course: introduce safety and etiquette relative to weight and resistance training, define muscular strength and endurance, develop a training program, provide modified weight and resistance training activities.
SAH3003	INTRO FORENSIC SCI	1	No	Basic Elective	SCIENCE	<p>Forensic science offers students opportunities to apply scientific principles and procedures to material evidence in order to be of use in a court of law. The focus of this course is to conduct forensic investigations, analyze evidence, gain exposure to related careers, and meet experts in the field. Recommended Prerequisite: Course in Chemistry and Human Physiology.</p>
SEH2503	MARINE SCI	1	No	Basic Elective	SCIENCE	Marine Science offers students opportunities to expand their understanding of the physical and biological sciences 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. Students are to meet all benchmarks in Biological Science (B.S.) Standards 1-5 and all relevant benchmarks in Earth Space Science (E.S.) Standards 1, 2, and 8.
SLH2203	BIOLOGY 1	1	No	Required	SCIENCE	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. Students are to meet all benchmarks in Biological Science (B.S.) Content Standards 1-5. NOTE: SLH8003 Advance Placement (AP) Biology can be substituted for SLH2203 Biology 1.
SLH4103	PLANTS / ANIMALS HAWAII	1	No	Basic Elective	SCIENCE	This is an introductory course on the interdependence of flora and fauna found on Hawaii's land and in ocean environments (e.g. impacts of invasive species on our native species, symbiotic relationships between local organisms, study of speciation of Hawaiian snails, etc.). Topics covered include identification and classification of local organisms, ecological relationships, adaptation of organisms, conservation, nature of physical environments, and human impact. Emphasis is on the use of the laboratory and fieldwork to study organisms. Students are to meet all benchmarks in the following Biological Science (B.S.) Content Standards 1-5.
SLH7503	HUMAN PHYSIOLOGY	1	No	Basic Elective	SCIENCE	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. Students are to meet all relevant benchmarks in Biological Science (B.S.) Content Standards 1-5. Recommended Pre-requisite: Course in Biology.

SPH2603	PHY SCI	1	No	Basic Elective	SCIENCE	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. Students are to meet all benchmarks in Physical Science (P.S.) Content Standards 1, 2, 6, and 7.
SPH3503	CHEMISTRY	1	No	Basic Elective	SCIENCE	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 are to meet all benchmarks in Physical Science (P.S.) Content Standards 1, 2, and 6. Recommended Pre-requisite: Course in second year Algebra.
SPH5603	PHYSICS	1	No	Basic Elective	SCIENCE	This is a standard high school laboratory physics course that 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 investigation and relationships between science, technology, and society. Students are to meet all benchmarks in Physical Science (P.S.) Content Standards 1, 2, 7, and related benchmarks in standard 6.
TAC2010	ARTS / COMM PATH CORE	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	This course is designed for students who plan to pursue careers in the Arts and Communication Career Pathway. Students will be introduced to basic concepts in Visual, Fashion, Performing, Written, and Media Arts. Using an interdisciplinary approach, the following concepts will be covered: 1) Innovation 2) Legal and Ethical Issues 3) Communication 4) Aesthetics 5) Problem Solving 6) Safety . This course is a prerequisite for students pursuing a Career and Technology Education program of study in Arts and Communication.
TAK2990	ARTS / COMM PATH CAP	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	A Capstone Project reflects the culmination of knowledge, skills, and attitudes by students in the Arts and Communications Technology Career Pathway. This course provides a venue for students to plan and execute individualized study on a topic of particular interest to them. Participants will have their independent study and research periodically assessed by the instructor. Students are to enlist the guidance of an adult mentor from the school or community. The following products are required from the student participating in a Capstone Project: 1) a research paper to demonstrate information and knowledge acquisition skills, 2) a formal oral report before a panel of industry experts, and 3) a portfolio that relates the "learning journey" and verifies the learning process. The topics of interest will be student-driven and the choice of media for presentation will be at the discretion of the student presenter. Recommended Prerequisite: Completion of TAC2010 Arts and Communication Career Pathway Core and any Arts and Communication Career Pathway cluster course.
TAN2300	FASHION DESIGN 2	1	No	TAU23 Specialized Elective	CAREER & TECHNICAL EDUCATION	<p>This course curriculum will cover a range of topics related to the fashion industry. Course work will include a more in depth study of fashion history to predict or create a line of clothing, careers offered, development of greater skills in illustration and sewing, general safety, use and care of sewing equipment and supplies, garment construction and fit.</p>
TAN2400	GRAPHIC DESIGN TECH 2	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	This course provides advanced classroom and laboratory experiences in the major areas of graphic design and production. This course includes an in depth study of the elements and principles of design, layout, photography, legal and ethical issues, advertising, and production techniques. Emphasis is on the creation of refined and targeted designs that serve a defined purpose and audience. Recommended prerequisite: Completion of TAC2010 Arts and Communication Core and TAU2124 Graphic Design Technology 1.
TAU2124	GRAPHIC DESIGN TECH 1	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	This course provides classroom and laboratory experiences in the major areas of graphic design and production. This course includes the study of the fundamentals of elements and principles of design, colors, layering, layout, photography concepts, plagiarism, advertising and production techniques. Emphasis is on the creation of designs and products that meet specifications of clients and industry. Recommended prerequisite: Completion of TAC2010 Arts and Communication Career Pathway Core .
TAU2210	DIGITAL MEDIA TECH	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	This course is designed to equip students with the necessary skills to support and enhance their use of digital media technologies. Topics will include the creation of media content, its communicative abilities, the production process, and legal concerns. Recommended prerequisite: Completion of TAC2010 Arts and Communication Career Pathway Core.
TAU2310	FASHION DESIGN	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	The purpose of this course is to provide students with the foundation to design and create garments. This includes the history of fashion, trend forecasting, the fashion cycle, as well as an understanding of textiles. Students will learn elements and principles of design to illustrate their designs and produce them through pattern making and manipulation, and garment construction. Recommended prerequisite: TAC2010 Arts and Communication Career Pathway Core.
TBC3010	BUS MGT / TECH CORE	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	This course is designed for students who plan to pursue careers in business, and/or related occupations. Students will learn essential business concepts such as business communication, system organizational structure, organizational behavior, business ethics, influence of technology, customer service, accounting and finance to build a successful business that will provide a solid foundation for further study in preparation for careers in business. Problem-based, real-world application of business concepts will be emphasized. Students will utilize technology for a variety of business applications and business communication; demonstrate effective customer service; and use accounting concepts to formulate, analyze and evaluate financial decisions in business. This course is a recommended prerequisite for students pursuing a business pathway programs of study.
TBK3990	BUSINESS PATH CAP	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	A Capstone Project reflects the culmination of knowledge, skills, and attitudes by students in the Business Pathway. This course provides a venue for students to plan and execute individualized study on a topic of particular interest to them. Participants will have their independent study and research periodically assessed by the instructor. Students are to enlist the guidance of an adult mentor from the school or community. The following products are required from the students participating in a Capstone Project: 1) a research paper to demonstrate information and knowledge acquisition skills, 2) a formal oral report before a panel of industry experts, and 3) a portfolio that relates the "learning journey" and verifies the learning process. The topics of interest will be student driven and the choice of media for presentation will be at the discretion of the student presenter. All Senior Project requirements must be met. Recommended Prerequisite: Completion of TBC3010 Business Career Pathway Core and a Business Pathway Cluster-Level Course.
TBN3810	ENTREPRENEURS HIP	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	Entrepreneurship introduces students to the process of recognizing opportunities and planning for the establishment of a small business. Concepts introduced will be applied and practiced. Community mentors in related fields will assist students as they implement their chosen enterprises. Students will be able to explore the unique relationships between business and the culture and values found in Hawaii today. Students will design, develop, and implement a business plan. Assessments and evaluations will be done in partnership with business and industry. Recommended Prerequisite: Completion of TBC3010 Business Career Pathway Core and a Business Pathway Cluster-Level Course.

TBU3110	ACCOUNTING I	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	<p>Beginning Accounting emphasizes accounting principles as they relate to the basic understanding and skill required to keep manual and computerized financial records for a business. Emphasis is on providing students with entry-level skills for the accounting profession and/or preparation for further study in accounting. Recommended Prerequisite: Completion of TBC3010 Business Career Pathway Core.</p>
TBU3510	MARKETING-PRIN / APPL	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	Marketing immerses students in the development and application of essential marketing concepts. Students will be expected to design, develop and implement a marketing plan that meets a consumer need in the domestic or international community, and that promotes a product, service, idea or organization that is sensitive to societal and industry ethics. Recommended Prerequisite: Completion of TBC3010 Business Career Pathway Core.
TGG1020	NUTRITN & HLTH IN THE KITCHEN	1	No	Support Elective	CAREER & TECHNICAL EDUCATION	<p>This course is designed to provide instruction on the relationship of food and nutrition as it relates to current socioeconomic status and culture. It will cover the major biological properties of nutrition, as well as basic food preparation, food safety and sanitation, the nutritional needs of individuals, physiological and psychological aspects of food, wellness and the prevention of disease, consumer education, and the awareness of employment opportunities.</p>
TGG1100	CAREER / LIFE PLANNING	0.5	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	**GENERAL COURSE, DOES NOT COUNT TOWARDS THE 2 CTE CREDIT REQUIREMENT BUT COUNTS AS AN ELECTIVE CREDIT EFFECTIVE SY 2012-2013** This course is designed to support student in career development and guidance. It provides students knowledge and skills in learning about themselves, exploring life goals, careers and occupations, relating school subjects to future career needs, and making tentative long and short-range educational and/or career plans.
TGG1103	TRANSITIONS TO HIGH SCH	0.5	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	**GENERAL COURSE, DOES NOT COUNT TOWARDS THE 2 CTE CREDIT REQUIREMENT BUT COUNTS AS AN ELECTIVE CREDIT EFFECTIVE SY 2012-2013** This course is designed to assist 9th grade students's 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.
TGG1104	ADV GUID	0.5	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	**GENERAL COURSE, DOES NOT COUNT TOWARDS THE 2 CTE CREDIT REQUIREMENT BUT COUNTS AS AN ELECTIVE CREDIT EFFECTIVE SY 2012-2013** Advanced Guidance is an elective course for personal, social, educational, and career guidance for students in grades 10-12. The course is designed to meet a wide range of needs related to affective development and career planning. The course content may include: college selection and application, study techniques, preparing to go to work, how to get and hold a job, selecting vocational training program in apprenticeship training, financial aid, decision making, human relations and communication, understanding and coping with emotions and behaviors, experiential approach to psychosocial career development's peer counseling, career shadowing and work experience--parenting, human sexuality and exploring life styles.
TGG1105	PERSONAL / TRANSITION PLAN	0.5	No	Required	CAREER & TECHNICAL EDUCATION	This semester credit is required for graduation. It provides students with knowledge and skills in learning about themselves, exploring life goals, careers and occupations, relating school subjects to future career needs, and making tentative long and short-range educational and/or career plans. Credit will not be awarded until such time that the student, in Grades 9-12, provides documentation that he/she has met the Hawaii Content and Performance Standards in Career and Technical Education standards for Career Planning.
TGG8090	COL/CARR RDY PREP SK G9	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	**GENERAL COURSE, DOES NOT COUNT TOWARDS THE 2 CTE CREDIT REQUIREMENT BUT COUNTS AS AN ELECTIVE CREDIT EFFECTIVE SY 2015-16** This course is for elective credit, generally for 9th graders. The course is designed to assist students with college and career exploration through college preparatory course work with emphasis on analytical writing, study and test taking skills, note taking and research. It is modeled after a nationally recognized program, Advancement Via Individual Determination (AVID).
TGG8100	COL/CARR RDY PREP SK G10	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	**GENERAL COURSE, DOES NOT COUNT TOWARDS THE 2 CTE CREDIT REQUIREMENT BUT COUNTS AS AN ELECTIVE CREDIT EFFECTIVE SY 2015-16** This course is for elective credit, generally for 10th graders. The course is designed to follow the 9th grade course. Students refine and adjust their academic and learning goal, expand their writing portfolio, begin to narrow college and career choices based on personal interests and goals. It is modeled after a nationally recognized program, Advancement Via Individual Determination (AVID)
TGG8110	COL/CARR RDY PREP SK G11	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	**GENERAL COURSE, DOES NOT COUNT TOWARDS THE 2 CTE CREDIT REQUIREMENT BUT COUNTS AS AN ELECTIVE CREDIT EFFECTIVE SY 2015-16** This course is for elective credit, generally for 11th graders. The course is designed to follow the 10th grade course. This course is the first part of a junior/senior seminar that focuses on writing and critical thinking expected of a first year college student. Students begin to confirm postsecondary plans and participate in college-bound activities. It is modeled after a nationally recognized program, Advancement Via Individual Determination (AVID).
TGG8120	COL/CARR RDY PREP SK G12	1	No	TGG8' Specialized Elective	CAREER & TECHNICAL EDUCATION	**GENERAL COURSE, DOES NOT COUNT TOWARDS THE 2 CTE CREDIT REQUIREMENT BUT COUNTS AS AN ELECTIVE CREDIT EFFECTIVE SY 2015-16** This course is for elective credit, generally for 12th graders. The course is designed to follow the 11th grade course. This course is the second part of a junior/senior seminar that focuses on writing and critical thinking. Students complete a final research essay project and develop and present a portfolio representing their years of work in high school. Students also apply to colleges of their choice and submit personal essays. It is modeled after a nationally recognized program, Advancement Via Individual Determination (AVID).
THC4010	HLTH SVC PATH CORE	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	This course is designed for students who plan to pursue careers in the healthcare industry. Using a multidisciplinary approach, students will gain essential knowledge, skills and attitudes in healthcare systems, legal and ethical principles, technology, safety practices (infection control, hazardous conditions, body mechanics), communication, employment expectations and the interdependence of major body systems as they relate to health and wellness. Students will learn to apply cultural sensitivity, coping skills and effective communication in dealing with patients and personnel in the delivery of quality health care. This course is a recommended prerequisite for students pursuing a health services career pathway program of study.
THK4990	HLTH SVC PATH CAP	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	A Capstone Project reflects the culmination of knowledge, skills, and attitudes by students in the Health Services Career Pathway. This course provides a venue for students to plan and execute individualized study on a topic of particular interest to them. Participants will have their independent study and research periodically assessed by the instructor. Students are to enlist the guidance of an adult mentor from the school or community. The following products are required from the students participating in a Capstone Project: 1) a research paper to demonstrate information and knowledge acquisition skills, 2) a formal oral report before a panel of industry experts, and 3) a portfolio that relates the 'learning journey' and verifies the learning process. The topics of interest will be student driven and the choice of media for presentation will be at the discretion of the student presenter. Recommended Prerequisite: THC4010 Health Services Career Pathway Core and THU4027 Clinical Health.

THN4100	NURSE AIDE TR	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	<p>This course is designed to introduce students to Nurse Aide Training. Hawaii DOE is not an accredited program with the State of Hawaii therefore students taking this course will not qualify for exam licensure. Topics covered in the class include introduction to healthcare facilities, role of the nursing assistant, communication in the facility, patient rights, aging, mental health and social well-being, medical asepsis, body mechanics, basic care, nutrition and elimination, common health problems, special procedures and skills, and home healthcare. Recommended Prerequisite: THC4010 Health Services Career Pathway Core and THU4024 Clinical Health.</p>
THN4413	HEALTH INFORMATICS	1	No	THC4010 Specialized Elective	CAREER & TECHNICAL EDUCATION	This course will provide a comprehensive overview of the health informatics program as it relates to the health services careers. It emphasizes standardized vocabulary, terms, code sets, structured electronic documents, exchange and transmission processes and operations. The major concepts of medical records analysis, coding and billing, information systems management, documentation, privacy, security with legal and ethical implications will be covered as well as the awareness of various employment opportunities. Recommended Pre-requisite: Completion of Health Services Career Pathway Core (THC4010) and Clinical Health (THU4027)
THU4027	CLINICAL HLTH	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	Clinical Health is designed for students interested in health services careers. Using the major body systems as the framework, students will learn about diseases, disorders, prevention and treatment and the roles of the various healthcare providers involved in diagnosis and/or treatment. This course will combine content knowledge (body systems, communication, safety practices, legal issues, ethical concerns, healthcare systems) and basic skills common to all healthcare professions with work-based learning experiences that will result in a career selection consistent with the student's aptitude, interest, abilities and academic achievement. Recommended Prerequisite: Completion of THC4010 Health Services Career Pathway Core.
TIC5010	INDS / ENGR TECH PATH CORE	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	Industrial and Engineering Technology Career Pathway Core
TIK5900	INDS / ENGR TECH PATH CAP	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	Industrial and Engineering Technology Career Pathway Capstone
TIN5419	AUTO TECH 2	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	This course provides classroom and laboratory experiences which include training in all phases of automotive maintenance repair work on all types of automotive vehicles. Included is training in the use of technical manuals, computer-based equipment and a variety of hand and power tools. Instruction and practice are provided in the diagnosis of malfunctions, disassembly of units, parts inspection and repair or replacement of parts involving the engine, ignition and computer command control systems, fuel systems, brakes, transmissions, and suspension systems. Automotive body repair and painting are also included. Recommended Prerequisite: Completion of TIC5010 IET Career Pathway Core and TIN5410 Automotive Technology 1.
TIN5814	BLDG / CONSTRUCT TECH 2	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	Building and Construction Technology 2 features advanced study of building construction technology. Students are provided with experiences in layout, fabrication, assembly, and installation of structural units. Also included are estimating and calculating costs, and quality control processes through simulated class and on-the-job experiences. Recommended Prerequisite: Completion of TIC5010 IET Career Pathway Core and TIU5800 Building and Construction Technology 1.
TIN5820	ENGINEERING TECH 2	1	No	TIU5810 Specialized Elective	CAREER & TECHNICAL EDUCATION	Building on the solid foundation provided by the IET Tech Career Pathway Core (TIC5010) and Engineering Technology I (TIU5810), the Engineering Technology II course is designed to provide students an in-depth study of a variety of engineering fields via real world engineering design challenges. Students will apply their understanding of physics, chemistry, biology, along with computer-integrated manufacturing technology to develop/design, test, and improve their design solutions. Technical reading/writing/presentation and related mathematics and science knowledge and skills will be integrated and applied throughout the course. Recommended Prerequisite: Completion of TIU5810 Engineering Technology I. This course will be included in the ACCN as a permanent course beginning SY 2015-16.
TIU5210	METALS TECH 1	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	Metals Technology 1 introduces the metal industry, its organization, materials, occupations, processes, products, and problems through demonstrations of, experimenting with, designing, fabricating, constructing, and testing of metals and devices. Learning experiences include the study of tools, materials, processes, systems, and products used in various facets of the metal industry. Recommended Prerequisite: Completion of TIC5010 IET Career Pathway Core.
TIU5310	DESIGN TECH 1	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	This course provides classroom learning experiences that are found in drafting technology. Learning activities include: design, spatial visualization and techniques, sketching and use of digital tools, shape and size description, auxiliaries, rotation, pictorial drawings, computer aided design, and the creation of two dimensional and three dimensional models for problem solution. Recommended Prerequisite: Completion of TIC5010 IET Career Pathway Core.
TIU5410	AUTO TECH 1	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	Auto Tech 1 provides organized experiences in the design and function of power systems employing various types of engines and mechanisms involved in the development, transmission, and control of power. The study of computer command control systems and the use of computer based equipment will be included. Scientific principles and concepts as applied to automotive technology are infused in the curriculum. Automotive body repair and painting are also included. Recommended Prerequisite: Completion of TIC5010 IET Career Pathway Core.
TIU5620	ELECTRN TECH 1	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	This course is designed to introduce subject matter and laboratory experiences concerned with the design, development, modification, and testing of analog and digital circuits, devices, and systems. Recommended Prerequisite: Completion of TIC5010 IET Career Pathway Core.
TIU5710	ELECTY / ELECTRN	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	This course provides an introduction to the world of electricity and electronics and includes fundamental quantities and their measurement, sources of electricity, magnetism, basic circuits, introduction to inductance and capacitance, small motors, and electricity and electronics at home and at work. Laboratory experiments, as well as the designing and fabrication of electrical devices, are included to reinforce and supplement class work. Recommended Prerequisite: Completion of TIC5010 IET Career Pathway Core.
TIU5800	BLDG / CONSTRUCT TECH 1	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	This course features classroom and laboratory experiences that deal with building and construction technology. Learning activities include site selection, use of various leveling instruments, blueprint reading, use of building materials, foundation and floor framing, wall and ceiling framing, roof framing, and window, door, and interior wall finish. Recommended Prerequisite: Completion of TIC5010 IET Career Pathway Core.
TIU5810	ENGINEERING TECH 1	1	No	TIC5010 Specialized Elective	CAREER & TECHNICAL EDUCATION	This course is designed to introduce students to various engineering processes, concepts and techniques through the use of hands-on, real world projects. Students will explore civil, mechanical and electrical engineering problems; and use design innovation and manufacturing processes. Technical reading/writing, math and science knowledge and skills will be integrated and applied throughout the course. Recommended Pre-requisite: Completion of TIC5010 IET Career Pathway Core
TJR1000	ARMY JROTC 1	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	Army JROTC 1 teaches cadets career and life skills necessary for lifelong success as contributing citizens. Cadets are introduced to the military chain of command, structure, and discipline that provide the foundation for learning and allow cadets to explore military service as a potential career choice. Content areas studied include foundations for success; American history and government; leadership, military drill, and the awareness of civic responsibilities. Cadets are required to wear a military uniform.

TJR2000	ARMY JROTC 2	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	Army JROTC 2 builds on the previous course. Cadets develop basic leadership skills using the military chain of command, drill, and discipline. Cadets acquire knowledge of citizenship through the study of American history and government. Cadets participate in community service and service learning activities. Cadets must demonstrate increased responsibility for self and others with emphasis on wellness, health, and physical fitness. Recommended Prerequisite: Completion of TJR1000 ARMY JROTC 1.
TJR3000	ARMY JROTC 3	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	Army JROTC 3 builds on previous courses and is an advanced program focused on cadet leadership and management of the cadet corps. Cadets are selected for leadership positions based on previous successful participation in cadet activities and demonstrated leadership and personal discipline. Cadets participate in community service and service learning activities. Cadets continue to study career and life skills; personal and financial management; college admissions; military careers, and job search techniques. Recommended Prerequisite: Completion of TJR2000 ARMY JROTC 2.
TJR4000	ARMY JROTC 4	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	Army JROTC 4 builds on previous courses. Cadets apply leadership theory and skills. Cadets demonstrate increased proficiency as a cadet leader and apply knowledge gained as an assistant instructor. Financial planning for lifelong success is introduced. Cadets plan and coordinate community and service learning activities. Cadets continue to study career and life skills; personal and financial management; college admissions; military careers, and job search techniques. Recommended Prerequisite: Completion of TJR3000 ARMY JROTC 3.
TJR5000	ARMY JROTC 5	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	Army JROTC 5 requires cadets to participate as cadet leaders. Assimilation of previously acquired leadership knowledge and skills is required. Learning is student-centered, requiring active participation throughout the course. Cadets master drill and ceremony and build instructor skills. Cadets continue to study career and life skills; personal and financial management; college admissions; military careers; and job search techniques. Recommended Prerequisite: Completion of TJR4000 ARMY JROTC 4.
TJR6000	ARMY JROTC 6	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	Army JROTC 6 requires cadets to participate as assistant instructors. Learning is student-centered and individualized, requiring active participation throughout the course. Cadets plan and coordinate all co-curricular activities. Cadets continue to study career and life skills; personal and financial management; college admissions; military careers; and job search techniques. Recommended Prerequisite: Completion of TJR5000 ARMY JROTC 5.
TJR7000	ARMY JROTC 7	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	Army JROTC 7 requires cadets to participate as assistant instructors. Learning is student-centered and individualized, requiring active participation throughout the course. Cadets plan and coordinate all co-curricular activities. Cadets continue to study career and life skills; and participate in job shadowing. Recommended Prerequisite: Completion of TJR6000 ARMY JROTC 6.
TJR8000	ARMY JROTC 8	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	Army JROTC 8 requires cadets to participate as assistant instructors. Learning is student-centered, requiring active participation throughout the course. Cadets plan and coordinate co-curricular community and service learning activities. Cadets continue to study career and life skills; and participate in job shadowing. Cadets master leadership abilities and instructor skills. Recommended Prerequisite: Successful completion of TJR7000 ARMY JROTC 7.
TNC6010	NAT RES PATH CORE	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	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 is a recommended prerequisite for students pursuing Natural Resources programs of study.
TNK6990	NAT RES PATH CAP	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	A Capstone Project reflects the culmination of knowledge, skills, and attitude by students in the Natural Resource Career Pathway. This course provides a venue for students to plan and execute individualized study on a topic of particular interest to them. Participants will have their independent study and research periodically assessed by the instructor. Students are to enlist the guidance of an adult mentor from the school or community. The following products are required from the students participating in a Capstone Project: 1) a research paper to demonstrate information and knowledge acquisition skills, 2) a formal oral report before a panel of industry experts, 3) and a portfolio that relates the learning journey and verifies the learning process. The topics of interest will be student driven and the choice of media for presentation will be at the discretion of the student presenter. Recommended Prerequisite: Completion of TNC6010 Natural Resource Core and a Natural Resource Career Pathway Cluster course.
TNN6210	NAT RES PRODUCT 2	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	This course is designed to provide an in-depth program focusing on knowledge, terminology, and skills specific to selected diversified Natural Resource production as they relate to Natural Resource careers. It emphasizes specific systems necessary for specific species to survive and thrive and decision-making on production based on markets and consumer preference. Major concepts of basic demand and supply, market forces, and consumer behavior will also be covered with an awareness of current, as well as potential, natural resources goods and industry. Recommended Prerequisite: Completion of TNC6010 Natural Resource Core and TNU6133 Natural Resources Production 1.
TNN6217	FORESTRY	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	This course is designed to provide an in-depth program focusing on technical skills, terminology and knowledge specific to forestry resource management as it relates to Natural Resources careers. It emphasizes sustainability of forest and natural reserve areas through governance, control, maintenance, and best practices. Concepts to be covered include sustainability, stewardship, and preservation, with the awareness of the various industries, social, and economic activities related to forestry resources. Examples include koa and other exotic hardwoods cultivation and harvest. Recommended Prerequisite: Completion of TNC6010 Natural Resource Core and TNU6123 Environmental Resources Management.
TNU6123	ENVIRONMENT RESC MGMT	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	This course is designed to provide a comprehensive contextual place-based program in environmental resource management as it relates to Natural Resources Pathway careers. It emphasizes control, maintenance, and best practices to sustain environmental and natural resource areas. The major concepts of geography, resource inventory and assessment, and sustainability and stewardship should be covered with the awareness of the various industries, social, and economic activities related to these areas. Examples include wind farms, geothermal energy, and coastal water activities. Recommended Prerequisite: Completion of TNC6010 Natural Resource Core.
TNU6133	NAT RES PRODUCT 1	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	This course is designed to provide a comprehensive program providing students with basic knowledge and skills necessary to cultivate terrestrial and/or aquatic plants and animals as they relate to Natural Resource careers. It emphasizes understanding of systems and growing conditions necessary for a variety of plants and animals to survive and thrive. The major concepts of geography, environment, organisms, remediation and management should be covered with an awareness of current production in Natural Resource industries. Recommended Prerequisite: Completion of TNC6010 Natural Resource Core

TNU6242	PLANT SYSTEMS 1	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	This is a course designed to provide skills and technical information in horticulture. The main areas of study include plant identification, plant propagation, safety, and pest control. Special consideration is given to appropriate cultural technologies such as integrated pest management, sustainable agriculture practices, and native plant propagation practices. Classroom study is combined with outdoor activities as an integral part of the course. Recommended Prerequisite: Completion of TNC6010 Natural Resource Core.
TPC7010	PUBL / HUMAN SVC PATH CORE	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	This course is designed for students who plan to pursue a career in the Public and Human Service Career Pathway. Students will learn essential human relations concepts that will provide a solid foundation for further study in preparation for careers dealing in public service. Using an interdisciplinary approach, the following concepts will be covered: 1) Creation and management of organizational systems to promote quality service, 2) Communication skills, 3) Safety and healthy workplace behaviors, and 4) Legal and ethical principles. This course is a recommended prerequisite for students pursuing Public and Human Services programs of study.
TPK7990	PUBL / HUMAN SVC PATH CAP	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	Public and Human Services Career Pathway Capstone
TPN7223	CULINARY 2	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	This Level 2 course is designed to qualify an individual for entry-level positions in the food industry. Classroom and laboratory experiences place an emphasis on quantity food preparation and service, sanitation, safety, selection and purchasing of food and supplies, storeroom control, management and care of supplies and equipment. Recommended Prerequisite: Completion of TPC7010 Public and Human Services Career Pathway Core, and TPU7216 Culinary 1.
TPN7419	ELEMENTARY ED	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	This course is designed to provide a focused preparation for students interested in pursuing a career in elementary (Kindergarten to sixth grade) teaching. Basic knowledge, skills and attitudes that will help students understand the principles of child growth, development, learning styles and teaching strategies will be addressed. The course will include school structure, organization and management related to elementary students as well as the details of salaries, benefits and relevant issues for the elementary teacher. Field experiences in classroom observations and practical participation is a course requirement. Recommended prerequisite: Completion of TPC7010 Public and Human Services Career Pathway Core, and TPU7210 Explorations in Education.
TPN7422	SECONDARY ED	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	This course is designed to provide a focused preparation for students interested in pursuing a career in secondary (seventh to twelfth grade) teaching. Basic knowledge, skills and attitudes that will help students understand the principles of adolescent growth, development, learning styles and teaching strategies will be addressed. The course will include school structure, organization and management related to secondary students as well as the details of salaries, benefits and relevant issues for the secondary teacher. Field experiences in classroom observations and practical participation are course requirements. Recommended prerequisite: Completion of TPC7010 Public and Human Services Career Pathway Core, and TPU7210 Explorations in Education.
TPU7210	EXPLOR IN ED	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	This course is designed to have students explore the numerous career opportunities in education. Academically challenging, Explorations in Education will offer students an overview of education career opportunities, ranging from pre-kindergarten to post-secondary teaching, as well as administration careers. Students will be introduced to the evolution of education and philosophies, learning styles, teaching strategies, school organization and management, salaries and benefits, and educational issues. Recommended prerequisite: Completion of TPC7010 Public and Human Services Career Pathway Core.
TPU7216	CULINARY 1	1	No	Specialized Elective	CAREER & TECHNICAL EDUCATION	This course provides an introduction and orientation to a series of related occupations in the food industry and the qualifications of a successful food service worker. The knowledge, skills, work attitudes, and habits developed will enable students to understand basic principles of quantity food preparation, safety and sanitation, use and care of equipment, and food service organization. This course provides practical work experiences in the classroom and laboratory. Recommended prerequisite: Completion of TPC7010 Public and Human Services Career Pathway Core.
WAJ1000	JAPANESE 1	1	No	Specialized Elective	WORLD LANGUAGES	<p>The courses listed above serve as the introductory portion of Level 1 of all Asian language courses. These courses are 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 the target 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.</p>
WAJ2000	JAPANESE 2	1	No	Specialized Elective	WORLD LANGUAGES	<p>The courses listed above begin Level 2 of all Asian language courses. Students enrolled in these courses have either successfully completed the Level 1 or have placed out of Level 1 due to previous language study or language learning experiences. 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.</p>
WAJ3000	JAPANESE 3	1	No	Specialized Elective	WORLD LANGUAGES	<p>The courses above begin Level 3 of all Asian language courses. Students enrolled in these courses have either successfully completed the Level 2 courses at the high school or middle school or have placed out of Level 2 due to previous language study or other language learning experiences. These courses provide students with additional opportunities to expand their listening, speaking, reading, and writing proficiencies so that they can create with language. They can initiate and maintain face-to-face interactions to satisfy communication and social interaction demands.</p>
WAJ4000	JAPANESE 4	1	No	Specialized Elective	WORLD LANGUAGES	<p>The courses above are Level 4 of all Asian language courses. Students enrolled in these courses have either successfully completed the Level 3 courses in high school or have placed out of Level 3 due to previous language study or other language learning experiences. A major focus of this course is to enable students to create with language, communicating orally, in writing, and in extended conversations, on a variety of topics. They develop skills to narrate, discuss, and describe using sentences or groups of related sentences.</p>
WEF1000	FRENCH 1	1	No	Specialized Elective	WORLD LANGUAGES	<p>These courses are designed for the beginning language learner or those who have had very limited exposure to language in elementary and intermediate/middle schools. Students begin the study of the target language and its culture by developing a basic repertoire of learned material needed to comprehend and respond to simple social situations of a daily and recurring nature. Emphasis is placed upon development of basic listening, speaking, reading, and writing skills.</p>

WFE2000	FRENCH 2	1	No	Specialized Elective	WORLD LANGUAGES	<p>The courses listed above begin Level 2 of all European, Pacific and Hawaiian language courses. Students enrolled in these courses have either successfully completed the Level 1 courses at the high school or middle school or have placed out of Level 1 due to previous language study and language learning experiences. The first semester serves as a transition in which students reinforce and draw upon earlier study and continue the development of their listening, speaking, reading, and writing proficiencies so that they can engage in simple conversations and handle routine situations. Simple reading and listening selections and cultural topics help students to recognize aspects of daily life in other cultures and develop insight into other cultural perspectives.</p>
WES1000	SPANISH 1	1	No	Specialized Elective	WORLD LANGUAGES	<p>The courses listed above serve as the introductory portion of Level 1 of all European, Pacific and Hawaiian language courses. These courses are designed for the beginning language learner or those who have had very limited exposure to language in elementary and intermediate/middle schools. Students begin the study of the target language and its culture by developing a basic repertoire of learned material needed to comprehend and respond to simple social situations of a daily and recurring nature. Emphasis is placed upon development of basic listening, speaking, reading, and writing skills.</p>
WES2000	SPANISH 2	1	No	Specialized Elective	WORLD LANGUAGES	<p>The courses listed above begin Level 2 of all European, Pacific and Hawaiian language courses. Students enrolled in these courses have either successfully completed the Level 1 courses at the high school or middle school or have placed out of Level 1 due to previous language study and language learning experiences. The first semester serves as a transition in which students reinforce and draw upon earlier study and continue the development of their listening, speaking, reading, and writing proficiencies so that they can engage in simple conversations and handle routine situations. Simple reading and listening selections and cultural topics help students to recognize aspects of daily life in other cultures and develop insight into other cultural perspectives.</p>
WES3000	SPANISH 3	1	No	Specialized Elective	WORLD LANGUAGES	<p>The courses listed above are Level 3 of European and Hawaiian language courses. Students enrolled in these courses have either successfully completed the Level 2 course at the high school or middle school or have placed out of Level 2 due to previous language study or language learning experiences. These courses provide students with additional opportunities to move on to Stage II proficiencies. In Stage II, students are able to expand their listening, speaking, reading, and writing proficiencies so that they can create with language and access short literary texts, authentic materials, and media on generally familiar topics. They can initiate and maintain face-to-face interactions to satisfy communication and social interaction demands.</p>
WES4000	SPANISH 4	1	No	Specialized Elective	WORLD LANGUAGES	<p>The courses above are Level 4 of all European and Hawaiian language courses. Students enrolled in these courses have either successfully completed the Level 3 course or have placed out of Level 3 due to previous language study or language learning experiences. 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.</p>
WPH1000	HAWAIIAN 1	1	No	Specialized Elective	WORLD LANGUAGES	<p>The courses listed above serve as the introductory portion of Level 1 of all European, Pacific and Hawaiian language courses. These courses are designed for the beginning language learner or those who have had very limited exposure to language in elementary and intermediate/middle schools. Students begin the study of the target language and its culture by developing a basic repertoire of learned material needed to comprehend and respond to simple social situations of a daily and recurring nature. Emphasis is placed upon development of basic listening, speaking, reading, and writing skills.</p>
WPH2000	HAWAIIAN 2	1	No	Specialized Elective	WORLD LANGUAGES	<p>The courses listed above begin Level 2 of all European, Pacific and Hawaiian language courses. Students enrolled in these courses have either successfully completed the Level 1 courses at the high school or middle school or have placed out of Level 1 due to previous language study and language learning experiences. The first semester serves as a transition in which students reinforce and draw upon earlier study and continue the development of their listening, speaking, reading, and writing proficiencies so that they can engage in simple conversations and handle routine situations. Simple reading and listening selections and cultural topics help students to recognize aspects of daily life in other cultures and develop insight into other cultural perspectives.</p>
WPH3000	HAWAIIAN 3	1	No	Specialized Elective	WORLD LANGUAGES	<p>The courses listed above are Level 3 of European and Hawaiian language courses. Students enrolled in these courses have either successfully completed the Level 2 course at the high school or middle school or have placed out of Level 2 due to previous language study or language learning experiences. These courses provide students with additional opportunities to move on to Stage II proficiencies. In Stage II, students are able to expand their listening, speaking, reading, and writing proficiencies so that they can create with language and access short literary texts, authentic materials, and media on generally familiar topics. They can initiate and maintain face-to-face interactions to satisfy communication and social interaction demands.</p>
WPH4000	HAWAIIAN 4	1	No	Specialized Elective	WORLD LANGUAGES	<p>The courses above are Level 4 of all European and Hawaiian language courses. Students enrolled in these courses have either successfully completed the Level 3 course or have placed out of Level 3 due to previous language study or language learning experiences. 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.</p>
XAG1021	GENERAL TEST PREP	0.5	No	Specialized Elective	MULTIDISCIPLINARY	This course is designed to help students develop general skills and strategies for taking commonly used standardized tests. Students will be helped to understand and improve their scores on tests used in high school, for college or job entrance, or placement in school or work settings. Students will examine and practice the various types of questions and formats presented in typical tests and learn strategies such as scanning, skipping, and time management. Students will also complete timed practice tests.
XY8610	YEARBOOK PROD 1	1	No	Specialized Elective	MULTIDISCIPLINARY	This course introduces students to planning and producing the school's yearbook. Writing of copy, captions, and headlines; typing; designing and completing layouts; working with photography; and meeting deadlines are included.
XY8630	YEARBOOK PROD 2	1	No	Specialized Elective	MULTIDISCIPLINARY	This course is for intermediate yearbook students. Students are assigned sections to edit, and plan and supervise the work of others on the sections. As editors, they also work with faculty members and the administrative staff in planning, scheduling, and carrying out the work to be done.
XZ03500	OFF CAMPUS GR 9-12 YR	0	No	General non-credit	MULTIDISCIPLINARY	ACCN course is used for scheduling a time on the student timetable when the student is not on the school campus.
XZ03600	OFF CAMPUS GR 9-12 SEM	0	No	General non-credit	MULTIDISCIPLINARY	ACCN course is used for scheduling a time on the student timetable when the student is not on the school campus.
XZ03700	OFF CAMPUS GR 9-12 QTR	0	No	General non-credit	MULTIDISCIPLINARY	ACCN course is used for scheduling a time on the student timetable when the student is not on the school campus.
XZS4700	STUDY HALL GR 9-12 QTR	0	No	General non-credit	MULTIDISCIPLINARY	ACCN course is used only for scheduling a time in the student's schedule for Study Hall.

ZCA1210	ANTH 121	1	No	N	Basic Elective	EARLY COLLEGE	**Reference specific Community College within the University of Hawaii system for information on this course** University of Hawaii: Hilo Campus ANTH 121: Intro to Language Linguistically oriented approaches to human behavior, including ethnolinguistics, sociolinguistics, and psycholinguistics. The way language functions in culture, society, and the cognitive processes. (Same as LING 121)
ZCA1500	ANTH 150	1	No		Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZCA1510	ANTH 151	1	No		Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: University of Hawaii-West Oahu ANTH 151- Emerging Humanity This course is an introduction to human biological evolution and the archaeology of culture in the world, prior to AD 1500.
ZCA1520	ANTH 152	1	No		Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: University of Hawaii - Manoa ANTH 152 - Culture and Humanity Introduction to cultural anthropology. How human create, understand, order and modify their natural, social, supernatural and physical environments, and make meaning and order. Open to non-majors, required for ANTH majors. Running Start: University of Hawaii - West Oahu ANTH 152 - Culture and Humanity This course is an introduction to cultural anthropology. It looks at the interaction among the natural environment, human cultures, and the system of symbols through which they interpret the world.
ZCA2000	ANTH 200	1	No		Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZCA2970	ANTH 297	1	No		Specialized Elective	EARLY COLLEGE	<p>HAWAII COMMUNITY COLLEGE- An introduction to place-based research in archeology, especially as connected to Native Hawaiian culture and science. Will provide hands-on learning of excavation, mapping, documentation, artifact and recognition, and analysis techniques. Students will learn basic concepts of heritage management and culture resource management.</p>
ZCC2700	COM 270	1	No		Basic Elective	EARLY COLLEGE	**Reference specific Community College within the University of Hawaii system for information on this course** Running Start: University of Hawaii %UN Hilo- North Hawaii Education and Research Center COM 270 Intro to Theories of Human Com: Examination of the theoretical foundations of the human communication discipline. Coverage of traditional and contemporary theories in such areas as interpersonal, small group, organizational, intercultural, public and mass communication.
ZCD1000	PSY 100	1	No		Basic Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: University of Hawaii - Manoa PSY 100 - Survey of Psychology An overview of the field: psychophysiology, perception, learning, cognition, stress, personality, social psychology. Course deleted SY 2013-14.</p>
ZCD1001	PSY 100	1	No		Basic Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: University of Hawaii - Manoa PSY 100 - Survey of Psychology An overview of the field: psychophysiology, perception, learning, cognition, stress, personality, social psychology.</p>
ZCD1700	PSY 170	1	No		Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZCD2200	PSY 220	1	No		Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start - Kauai Community College PSY 220 - Developmental Psychology This course offers principles of development from conception to death. The focus is on the interrelationship of physical, cognitive, and social-emotional aspects of the individual.
ZCD2600	PSY 260	1	No		Basic Elective	EARLY COLLEGE	<p>Running Start Leeward Community College - PSY 260 Psychology of Personality</p><p>Scientific study of personality, its theories, assessment, development and relationships to cultural-social determinants. </p>
ZCD2750	PSY 275	1	No		Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Hawaii Community College PSY 275 - Psychology and the Expressive Arts The theory and practice of studying the personality through the visual arts, writing arts, dance, music, and drama towards a therapeutic end for the individual utilizing group dynamics.
ZCE1200	ECON 120	1	No		Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Kapiolani Community College ECON 120 %UN Introduction to Economics ECON 120 focuses on general understanding of the functions of economic systems, including various approaches to the organization of production and allocation of resources, and of policies to achieve national economic goals; these include the determination of national income, inflation, recession, unemployment, taxation, labor unions, environmental pollution, energy, and economic growth.
ZCE1300	ECON 130	1	No		Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: University of Hawaii - Manoa ECON 130 - Principles of Microeconomics Examination of the decision-making process of both households and firms. Analysis of the functioning of a competitive market system, using supply and demand models and the role of government in cases where the market system fails. Additional topics include the effects of international rate on the welfare of a nation and the effects of different competitive market structures on society.
ZCE1310	ECON 131	1	No		Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: University of Hawaii - Manoa ECON 131 - Principles of Macroeconomics An introduction to macroeconomics%UNThe study of the overall economy. Topics include the determination of national income, causes and effects of inflation, unemployment, and income inequality; causes and consequences of international differences in economic growth; sources of business cycle expansions and contractions; role of government policy in stabilizing the economy and promoting long-term growth; financial markets and monetary policy; taxes, spending, consequences of budget deficits, determination of trade imbalances, exchange rate fluctuations, and balance of payment crises.
ZCE2420	ASAN 203	1	No		Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Leeward Community College ASAN 203: Philippine Culture: A Survey of Philippine Cultural History A study of the history, politics, society, culture and art forms of the Philippines from pre-history to the present. Selected topics are approached through the integrated use of the art forms, e.g., music, literature, theater arts, etc., as ways of experiencing and understanding cultural and political issues.
ZCE3010	HIST 120	1	No		Basic Elective	EARLY COLLEGE	**Reference specific Community College within the University of Hawaii system for information on this course** Hist 120- National Cinemas An in-depth look at classics from cinematic productions of various countries based in a cultural and historical context. Includes a selection of films by a variety of directors and genres from the silent era into the present. Students will consider films that have been affected by culture and films that have affected culture. Any nation that has a broad film history can be showcased. University of Hawaii campus: HCC

ZCG1020	GEOG 102	1	No	Basic Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Kapiolani Community College GEOG 102 %ŪŪ World Regional Geography GEOG 102 is a survey of the world%ŪŪs major cultural regions. Environmental, cultural, political, and economic characteristics of each region and regional interactions are explored from a geographic perspective.</p>
ZCG1300	POLS 130	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Windward Community College POLS 130- Introduction to American Government Fpcos on A,ericannm politics and government on the basis of tradition and continuity. CoversL overview of constitutional development, institutions, precesses and participants of the American political system and alternative interpretations.
ZCG1500	POLS 150	1	No	Basic Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course **</p><p>Running Start: UH Manoa POLS 150 Introduction to Global Politics. Foundations in global politics from political, historical, and multicultural perspectives.</p>
ZCG1510	WS 151	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Windward Community College WS 151 - Introduction to Women%ŪŪs Studies This interdisciplinary introductory course looks at gender roles and relationships, historically and in contemporary societies. The course examines the social, cultural, historical, and political influences on the status of women. It presents women%ŪŪs experiences from diverse backgrounds, social structures, and cultures.
ZCG2000	GIS 200	1	No	Basic Elective	EARLY COLLEGE	<p>Running Start: Kauai Community College</p><p>GIS 200- Interpreting and Creating GIS Maps</p><p> </p><p>This course introduces advanced geospatial analysis techniques, including Global Positioning Systems (GPS), GIS database and overlay creation, data classification, location analysis, distribution and density, geovisualization techniques, and map interpretation through the use and application of GIS. This course will combine an overview if general principles of GIS and practical experience in the analytical use of spatial information. Students will gain greater in-depth knowledge of geospatial analysis and examine the social context of mapping and knowledge production, examine the diverse rate of GIS applications, and complete a final project with a practical component involving the use of geospatial analysis software package. Special emphasis and concentration will focus on sustainability, considering the current and future use of protection of resources in light of land management. </p>
ZCG2300	POLS 110	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZCG3189	GIS 189	1	No	ENG 1 Basic Elective	EARLY COLLEGE	<p>Geographic Information Systems (G.I.S.) is a computerized system used to design, capture, store, manipulate, analyze, manage and present geographically referenced information, or data. G.I.S combines cartography, statistical analysis, and databases to manipulate spatial areas for a given application. GEOG 189 - G.I.S., Mapping, and Society, is an introductory course covering the use and application of computerized geographic information systems (G.I.S.) combining an overview of general principles of G.I.S and practical experience in the analytical use of spatial information. Students will gain an overall knowledge of G.I.S. analyze the social context of mapping and knowledge production, examine the diverse range of G.I.S applications, and complete a final project with a practical component involving the use of an analytical software package: ArcGIS 10 by ESRI (Environmental System Research Institute).</p>
ZCH1000	HWST 100	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Hawaii Community College HWST 100 - Piko Hawaii This introductory course provides the learner with a first hand opportunity to develop a relationship with the sacred geography of Hawaii Island. To develop an environmental kinship with the places and people of Hawaii Island embeds the idea of belonging to the landscape. This concept is central to Hawaii Life Styles.
ZCH1001	ES 101	1	No	Basic Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course **</p><p>Running Start: UH Manoa ES 101 Introduction to Ethnic Studies. Basic concepts and theories for analyzing dynamics of ethnic group experiences, particularly those represented in Hawai'i, and their relation to colonization, immigration, problems of identity, racism, and social class. </p>
ZCH1010	HWST 101	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Hawaii Community College HWST 101 - Hawai%ŪŪ Culture 1: Aikapu Examines the cultural traditions of Hawaii that flourished before the abolition of the kapu system in 1819. Covers foundations of the early society in Hawaii that evolves with the arrival of various Polynesian voyagers along with their family traditions, distinct customs, and social practices
ZCH1020	HWST 102	1	No	Basic Elective	EARLY COLLEGE	**Reference specific Community College within the University of Hawaii system for information on this course** Running Start: Hawaii Community College HWST 102- Hawaii Spirituality Investigates aspects of spirituality that connect with the belief and practices of Kanaka Maoli (Native Hawaii people). Examines cultural knowledge and practices linked to perspectives of creation accounts, spiritual realms, deities, %ŪŪaumakua kahuna, places of worship, and other facets of native Hawaii spirituality.
ZCH1030	HWST 103	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running start: Hawaii Community College
ZCH1040	HWST 104	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Hawaii Community College HWST 104 - Hawaii Myth Culture A survey course of Hawaii myth culture. Focus is on the examination of traditional Hawaii myths and their mythological themes.
ZCH1070	HWST 107	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Kapiolani Community College HWST 107 - Hawaii: Center of the Pacific HST 107 is a survey of the Pacific Islands of Melanesia, Micronesia, and Polynesia; their various origins, geography, languages, religions, colonial histories and modern development, seen through the cultural lens of the Hawaiian people. Running Start: West Oahu HWST 107 - Hawaii: Center of the Pacific This is a survey course exploring various themes in Hawaiian Studies, including origins, land use and tenure, historical perspectives, language, spirituality, art, and contemporary issues. Course will focus largely on Hawaii as our home land/base, but will also include relevant information and discussion on similar issues throughout Polynesia and the Pacific. Running Start: Leeward Community College HWST 107 - Hawaii: Center of the Pacific An introduction to the unique aspects of the native point of view in Hawai%ŪŪ-i and the larger Pacific with regards to origins, language, religion, land, art, history and modern issues.
ZCH1080	PACS 108	1	No	Basic Elective	EARLY COLLEGE	<p>Running Start: Leeward Community College</p><p>PACS 108- Pacific Worlds: An Introduction to Pacific Islands Studies</p><p> </p><p>Introduces students to the geography, societies, histories, cultures, contemporary issues, and arts of Oceania, including Hawai'i. Combines lecture and discussion that emphasize Pacific Islander perspectives and experiences.</p>

ZCH2811	HWST 281	1	No	Basic Elective	EARLY COLLEGE	<p>Running Start: Honolulu Community College</p><p>HWST 281 - Ho'okele I: Hi Astronomy and Weather</p> </p><p>An introduction to Hawaiian views of astronomy and weather, required as preparation for sailing a double hull canoe in following semester. </p><p>Repeatable one time. Recommended prep: HWST 110 and HWST 107. Some knowledge of Hawaiian language and culture. </p>
ZCH2820	HIST 282	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: University of Hawaii - Manoa HIST 282 - Introduction to American History Interpretive survey from 1865 to the present.
ZCH2840	HIST 284	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: University of Hawaii - Manoa HIST 284 - History of the Hawaiian Islands Survey of state and local history from Polynesian chiefdoms to Hawaiian Kingdom to American territory and state. Running Start: Windward Community College HIST 284: History of Hawai'i A general study of the social, political, and economic development of Hawai'i from the ancient Hawaiians to the present.
ZCH2880	HIST 288	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Maui College HIST 288 - History of the Pacific Islands Surveys the cultural areas of the Pacific from pre-contact to present day. Covers prehistoric migrational patterns, historical movements, and present day distributions, including western colonization and current problems.
ZCP1000	PHIL 100	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: UH Manoa PHIL 100 - Introduction to Philosophy: Survey of Problems Introduction to the kinds of problems that concern philosophers and to some of the solutions that have been attempted.
ZCP1030	PHIL 103	1	No	Basic Elective	EARLY COLLEGE	<p>Running Start: Kauai Community College</p><p>PHIL 103 - Environmental Ethics</p> </p><p>This course offers a critical examination of the history of multi-cultural philosophical and ethical systems and their implications for interactions with and relationships between humans and non-humans. The critical examination will take place in the context of contemporary environmental/ecological issues. </p>
ZCP1510	REL 151	1	No	Specialized Elective	EARLY COLLEGE	Course Description: **Reference specific Community College within the University of Hawaii system for information on this course** Running Start: Leeward Community College REL 151 - Religion and the Meaning of Existence Emphasizes contemporary religious thought regarding the human person–s consciousness of human existence. Addresses the question “What is the meaning of existence?”
ZCP2070	REL 207	1	No	Basic Elective	EARLY COLLEGE	<p>Running Start: Leeward Community College</p><p>REL 207 - Understanding Buddhism</p> </p><p>Survey of major forms and practices. </p>
ZCP2400	PHIL 101	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: UH Manoa PHIL 101 - Introduction to Philosophy: Morals and Society Philosophical attempts to evaluate conduct, character, and social practices.
ZCP2500	REL 150	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZCP3100	HUM 100	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZCS1001	SOC 100	1	No	Basic Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course **</p>
ZCS1110	SSCH111	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Hawaii Community College SSC 111: Humanity, Society, and Technology Humanity's existence in a changing society brought about by rapid technological advancements. Trends, current issues, and future global alternatives for man's survival.
ZCS1220	GEOG 122	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Hawaii Community College GEOG 122–Geography of Hawaii This course will survey the physical and cultural geography of the Hawaiian Islands. Physical geography will emphasize the volcanic landforms, coastal features, climate and vegetation. Cultural aspects will include population, settlement, agriculture, economics and land use. Students will be expected to learn the names and locations of physical and cultural features of the Hawaiian Islands.
ZCS1510	GEOG 151	1	No	Specialized Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course </p><p> </p><p>Running Start: Kapiolani Community College GEOG 151 –Geography and Contemporary Society </p><p>GEOG 151 provides a global thematic survey of human society and culture. Geographic distribution, historical development, and current issues in economic, resource, population, political, and environmental systems are examined.</p><p> </p><p>Running Start: Leeward Community College GEOG 151 - Geography and Contemporary Society</p><p> </p><p>GEOG 151 is an introductory survey course on human society and culture. It examines patterns of population and migration, cultural diffusion and change, globalization, economic development, political systems, agriculture and urbanization.</p><p> </p>
ZCS2051	SOC 251	1	No	Basic Elective	EARLY COLLEGE	**Reference specific Community College within the University of Hawaii system for information on this course** SOC 251- Sociology of the Family This course is a survey of contemporary family life. Variations in relationships and family patterns are examined from a cross-cultural perspective. The course focuses on choices in relationships; current patterns, trends, and changes in these choices and family life. Love, sex, roles, sexual attitudes and their relationship within the institution of the family are discussed along with partner selection, dating, marriage, singlehood, divorce, separation or widowhood. Major issues in family life today will be addressed including: career and family conflicts, alternative family forms, family planning and parenthood, spouse and child abuse. University of Hawaii campus: Leeward Community College, Hawaii Community College
ZCS2260	SOC 260	1	No	Specialized Elective	EARLY COLLEGE	<p>**Reference specific Community College within the University of Hawaii system for information on this course** </p><p>Running Start: University of Hawaii –Hilo SOC 260 Social Problems: An introduction to the study of social problems in contemporary society, including their nature, sociological causes and possible solutions. Course may focus on a single social problem.</p>
ZCU2180	SOC 218	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Leeward Community College SOC 218 WI Introduction to Social Problems Application of a social perspective to selected problems afflicting modern industrial societies. Emphasis on understanding the nature, causes, and effects of selected social problems. Different research data and theoretical approaches are examined.
ZFA1010	ART 101	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZFA1015	THEA 101	1	No	Specialized Elective	EARLY COLLEGE	**Reference specific Community College within the University of Hawaii system for information on this course** Running Start: Kapiolani Community College THEA 101 -Introduction to Drama and Theater THEA 101 is a study of selected major forms of World drama, both as literary works and performed theatrical productions. Students will discuss, analyze, and participate in the artful transformation of plays, from “page to stage”.

ZFM1220	UKULELE 2	1	No	Basic Elective	EARLY COLLEGE	<p><p>Running Start: Windward Community College</p><p>MUS 112Z - 'Ukulele 2</p><p>Continuation of MUS 121Z. Increased emphasis on ukulele literature. Focus on principles of performance. Emphasis on ensemble playing. Pre: MUS 121Z</p><p>Student Learning Outcomes:</p><p>1. Be able to perform a traditional mele (song) in three different keys.</p><p>2. Be able to pick two (2) solos, one of which will be a chord solo.</p><p>3. Be able to strum accompaniment for a song that has six (6) chords in it.</p><p>4. Be able to apply the principles and basic skills of ukulele performance to ukulele literature.&nbsp;</p></p>
ZFM1660	MUS 166	1	No	Specialized Elective	EARLY COLLEGE	<p><p>RUNNING START University of Hawaii at Hilo: MUS 166 Music in World Cultures</p><p>Explores music as an aspect of human culture focusing on selected non-Western music styles from Asia, Africa, and the Americas.</p></p>
ZFM2080	MUS 208	1	No	Specialized Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: University of Hawaii-West Oahu MUS 208 - Project-based introductory course in songwriting, focusing on lyric and music creation, and basic music theory concepts including rhythm, meter, pitch, melody and harmony. Students gain an awareness of the music industry through interactive talk-story sessions with local guest artists and exploration of basic digital audio recording techniques.</p>
ZFM2400	MUS 240	1	No	Basic Elective	EARLY COLLEGE	<p><p>Running Start: Windward Community College</p><p>MUS 240 - Introduction to Digital Music Production</p><p>Introduction to digital music production on the Macintosh platform: MIDI sequencing, audio recording, music arranging, editing, mixing and mastering; preparing audio files for CD, video and web applications; sound synthesis and programming virtual instruments.&nbsp;</p><p>Pre-requisite(s): MUS 108, 121 (alpha), or 253; or consent of instructor</p><p>Recommended Preparation: Basic Keyboard (piano skills), computer (Mac) skills.</p><p>Student Learning Outcomes:</p><p>Upon completion of the course, the student will be able to:</p><p>Use MIDI sequencing and audio recording software, and/or notation software, as tools for music composition, ranging and performance.</p><p>Apply basic skills in MIDI sequencing and editing, and digital audio recording and editing to audio mixing and mastering projects.&nbsp;</p><p>Prepare audio files for CD burning, and video and web applications.&nbsp;</p><p>Apply understanding of sound synthesis to create original sounds for music projects.</p><p>Transfer skills to other MIDI sequencing and digital audio software programs across PC and Mac platforms.&nbsp;</p><p></p></p>
ZFM4100	MUS 410H	1	No	Basic Elective	EARLY COLLEGE	<p><p>Running Start: UH West Oahu</p><p>MUS 410 (alpha) Ensembles - Performance of symphonic wind ensemble and band literature, including works by contemporary composers.</p><p>Pre: Audition and consent.&nbsp;</p></p>
ZFM4190	MUS 419	1	No	Basic Elective	EARLY COLLEGE	<p><p>** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: University of Hawaii - West Oahu MUS 419 - University Band Pre: Audition and instructor consent. performance of symphonic wind ensemble and band literature, including works by contemporary composers.</p></p>
ZGG1015	IS 105	1	No	Basic Elective	EARLY COLLEGE	<p>**Reference specific Community College within the University of Hawaii system for information on this course** University of Hawaii Campus: Hawaii Community College IS 105- Career/Life Exploration and Planning Teaches practical life skills through activities that will empower students to create greater success in college, and in the workplace. Students will develop knowledge and awareness of the diverse cultural influences- Hawaiian, community, college, classroom, and workplace- and the relationship between these cultures. Within a cultural framework, students explore and identify possible careers that match their strengths, values, interests, and skills. Introduces students to job search resources, which include learning to conduct an effective job search, writing a winning resume and cover letter, and preparing for job interviews. Also focuses on soft skill acquisition; career and life planning through goal development; communication and interpersonal skills; time, financial, and stress management; problem solving; making wise choices; and self-motivation.</p>
ZLL1020	LING 102	1	No	Basic Elective	EARLY COLLEGE	<p><p>Running Start: Kapiolani Community College</p><p>LING 102 - Introduction to the Study of Language</p><p>Linguistics 102 offers an introduction to language: how it is used, how it is acquired, how it changes over time, how it is patterned, how it is represented in the brain. Students will learn about the major concerns, methods, and discoveries of this existing field. The course covers such topics as language and the human species, formal linguistics, applied linguistics, and how languages are related in time and space.</p><p>Upon successful completion of LING 102, the student should be able to:</p><p>1. Identify stages of language acquisition and distinguish between first and second language acquisition.</p><p>2. Explain the relationship between language behavior and its physical foundations.&nbsp;</p><p>3. Demonstrate an awareness of gender-related issues in language use.</p><p>4. Transcribe the sounds of English using phonetic symbols.</p><p>5. Perform basic phonological, morphological and syntactical analyses of language data.</p><p>6. Demonstrate a deeper understanding of and appreciation of the nature of language and livelier interest in all its manifestations.&nbsp;</p><p>7. Distinguish geographic, historical and social variation in language.&nbsp;</p><p>8. Explain the historical relationships among modern languages and explain linguistic methods for reconstructing ancestral languages.</p><p>9. Employ discipline-specific research methods.</p></p>
ZLS1000	ENG 100	1	No	Basic Elective	EARLY COLLEGE	<p><p>** Reference specific Community College within the University of Hawaii system for information on this course ** Course deleted SY 2013-14.</p></p>
ZLS1001	ENG 100	1	No	Basic Elective	EARLY COLLEGE	<p><p>** Reference specific Community College within the University of Hawaii system for information on this course **</p></p>
ZLS1020	ENG 102	1	No	Specialized Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Hawaii Community College ENG 102 College Reading Skills Emphasis on reading college-level materials, including improvement in the following areas: problem solving skills, reading and interpreting literature, college vocabulary, study skills, library research skills, and speed reading skills to become a flexible reader.</p>
ZLS1040	ENG 104	1	No	Basic Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course **</p>
ZLS1060	ENG 106	1	No	Basic Elective	EARLY COLLEGE	<p><p>Running Start: Kauai Community College</p><p>ENG 106 - Technical Communication</p><p>This class offers instruction in practice in the specialized reading and writing skills necessary in professional trade and technical settings. This course will emphasize practice in critical thinking, essential information literacy, active reading strategies, and writing clearly, accurately and correctly. Particular attention will be given to writing reports, reading technical articles, and preparing and delivering presentations within the trade and technical professional environment.&nbsp;</p><p>Pre-requisite(s): "C" or higher in ENG 23, or acceptable English replacement*, or instructor approval. *Smarter Balanced score of 3 with a C or higher in 12th Grade ELA course, jointly approved by HDOE and UH; or cumulative high school GPA of 2.0-2.5; or a grade of C in 12th Grade ELA course&nbsp;</p><p>or AP Language and Composition class; or ACT score of 11-17; or an SAT score of 310-509 in writing; or via writing sample.</p></p>
ZLS2000	ENG 200	1	No	Basic Elective	EARLY COLLEGE	<p>**Reference specific Community College within the University of Hawaii system for information on this course** Running Start: Leeward Community College ENG 200 - Composition II Students learn how to plan, develop, organize, and edit various writing projects with clarity and precision. Students write various kinds of papers, including a research project, using general practices within specific areas of concentration.</p>

ZLS2004	ENG 204	1	No		Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** RUNNING START: Leeward Community College ENG 204- Introduction to Creative Writing Students will practice writing poems, scenes, and short stories. The course includes creative writing assignments, discussion of professional works, and discussion of each student's writing. May be repeated for additional credit. Prerequisite: ENG 100 or equivalent with a grade of C or higher; or approval from the Language Arts Division. Rec Prep: Experience in using computers for writing. Changed to 5-point scale: 11/16/16
ZLS2010	COM 201	1	No		Basic Elective	EARLY COLLEGE	<p>Running Start: Kapiolani Community College</p><p>COM 201 - Introduction to Communication</p><p>COM 201 presents an overview of communication focusing on the process of interpersonal, intercultural, organizational, and international communication and on recent developments in multimedia, mass media, and telecommunications. </p><p>Upon successful completion of COM 201, the student should be able to:</p><p>1. Describe the human communication process, its purpose, functions, and modes.</p><p>2. Identify and explain verbal and non-verbal codes. </p><p>3. Explain the role and dynamics of communication in relationships, groups, and organizations.</p><p>4. Analyze the processes and identify the pitfalls of interethnic and intercultural communication, including interactions in Hawaii, Oceania, and Asia.</p><p>5. Describe the role of mass and public communication systems in modern societies.</p><p>6. Identify and explain the functions and methods of telecommunication in a global society.</p><p>7. Express clearly in writing ideas and opinions about the communication theories, based on critical analyses of readings and other sources of data.</p>
ZLS2040	ENG 273C	1	No		Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Kapiolani Community College ENG 273C %Ū Creative Writing and Literature: Fiction and Poetry Formerly Eng 204 ENG273C introduces students to the basic principles and practices of the literary arts through the analysis and interpretation of fiction and poetry, and then through their own creative writing. Students will read and discuss the works of published authors and will focus on creating and developing their own stories and poems.
ZLS2272	ENG 272	1	No		Basic Elective	EARLY COLLEGE	RUNNING START: INTRODUCTION TO LITERATURE: CULTURE AND LITERATURE Windward Community College This course introduces students to the study of significant works of literature in selected cultures and cultural formations. Emphasis is on discussion of and writing about characteristics and themes of the works.
ZLS2500	ENG 205	1	No		Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Changed to 5-point scale: 11/16/16
ZLS2530	ENG 253	1	No		Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZLS2550	ENG 255	1	No		Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZLS2570	ENG 257EW	1	No	N	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Hawaii Community College ENG 257E: Themes of Literature: Multi-Cultural Literature This course is a multi-cultural literature course designed for students who want to learn more about the various ethnic groups in the U.S. through analysis of various literary works. In addition, the course will focus on how various ethnic groups have felt the impact of other cultures, especially the Euro-centric, in the economic, educational, historical, religious and social areas. This course will also show how certain themes, such as the family, cultural heritage, community assimilation, and the spiritual are reflected in the selected literature. (3 lec hrs.)
ZLS2700	ENG 270	1	No		Basic Elective	EARLY COLLEGE	<p>Running Start: Leeward Community College</p><p>ENG 270 - Introduction to Literature: Literary History</p><p> </p><p>Study of significant works of selected historical periods.</p><p> </p><p>Prerequisites: ENG 100 or equivalent with a grade of C or better.</p>
ZLS2701	ENG 270B	1	No		Specialized Elective	EARLY COLLEGE	<p>Running Start: Kapiolani Community College</p><p>ENG 270B - Introduction to Literature: Literacy History: American Literature</p><p> </p><p>ENG 270B is a historical study of selected major authors in American Literature from the 19th, 20th, and 21st centuries. Course work includes critical thinking skills related to interpreting the significance of the action, characters, themes, and literacy devices used by the author. Emphasis is placed on writing, both as a way of discovering ideas and as a way of expressing knowledge of the reading material. Students are expected to be actively engaged in responding to the literature. As students read, discuss, and write about the literature, they should gain a better understanding of themselves and the world they live in. </p><p>Upon successful completion of ENG 270B, the student should be able to:</p><p>1. Analyze a work of literature as a reflection of its cultural and historical context.</p><p>2. Identify major themes in a work of literature and explore their implications.</p><p>3. Analyze structure, explain how form contributes to meaning.</p><p>4. Evaluate the artistic merits of literacy works and the artistic achievements of writers.</p><p>5. Use literacy evidence to support interpretations and analysis of literary works.</p><p>6. Produce clear and effective written responses to literature.</p><p>7. Describe the significance of the literature of a selected historical period. </p><p>8. Write papers on different literary problems in American literature.</p><p> </p><p>Prerequisites: ENG 100 or equivalent with a grade of C or better.</p> </p>
ZLS2710	ENG 271	1	No		Specialized Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Windward Community College ENG 271- Introduction to Literature: Genre This course introduces students to the study of significant works of literature in selected genres. Emphasis is on discussion of and writing about characteristics and themes of the works. A student may enroll in this course more than one time (for different genres); however, only one course credit will be applied toward degree.</p>
ZLV1511	SP 151	1	No		Specialized Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course **</p>
ZLV2310	SP 231	1	No		Specialized Elective	EARLY COLLEGE	**Reference specific Community College within the University of Hawaii system for information on this course** Running Start: Kauai Community College SP 231 - Performance of Literature This course introduces the student to the study of literature through performance. The student participates in individual and group presentations of poetry, prose, and drama. The process involved in preparation of a literary piece of performance leads to exploration and discoveries of multiple aesthetic dimensions of literature. Development of speech performance skills, written analysis of literature to be performed, and experience in critiquing presentations are areas stressed in the course.
ZLV2330	SPCO 233	1	No		Basic Elective	EARLY COLLEGE	<p>Running Start: Hawaii Community College - Hilo</p><p>SpCo 233 - Oral Traditions: Story Telling</p><p> </p><p>An introduction to a variety of Oral Traditions from different cultural groups along with the skills required to perform storytelling successfully. Half the content of this course will be dedicated to Hawaiian/Pacific/Asian cultures. Audience, context and outcome analysis form the basis of all public communication planning, and form the core of the theoretical foundations. In addition, course will pose special questions related to the origin and intent of particular literature. Students will select analyze, reverse and perform three types of genres. </p><p>Students will be encouraged to invent and compose their own stories in some appropriate genre. Students will be encouraged to perform on of the three options in the community at an appropriate function of their choice. All performances are critiqued orally and with a written instrument. </p>

ZLV2510	SP 251	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Changed to 5-point scale: 11/16/16	
ZLV2680	SPCO 260	1	No	Specialized Elective	EARLY COLLEGE	<p>HAWAII COMMUNITY COLLEGE- An introductory course that explores the history, architecture, impacts, an major theories of mass media. It fuses theory with practice by including a component on media message production that permits students a hands-on learning style with actual media production skills and vocabulary. PreReq-Eng 100 </p>	
ZLW1500	JOUR 150	1	No	Specialized Elective	EARLY COLLEGE	<p>Reference specific Community College within the University of Hawaii system for information on this course</p><p>Running Start: Windward Community College JOUR 150 - Media and Society </p><p>The role of the media in contemporary society, including development, influence, rights, responsibilities, issues and trends - with emphasis on the social, political and economic effects. </p>	
ZLW2000	JOUR 200	1	No	Specialized Elective	EARLY COLLEGE	<p>Reference specific Community College within the University of Hawaii system for information on this course</p><p>Running Start: Windward Community College JOUR 200 - Introduction to Multimedia Journalism:</p><p>Fundamentals of multimedia journalism including reporting stories that include photography, audio, graphics and video that can be combined into the ideal online package. </p>	
ZLW2700	JOUR 270	1	No	Specialized Elective	EARLY COLLEGE	<p>Reference specific Community College within the University of Hawaii system for information on this course</p><p>Running Start: Windward Community College JOUR 270 - Introduction to Multimedia Storytelling </p><p>Fundamentals of multimedia storytelling using video, audio and photography to report and produce news and documentary stories for the web and other distribution platforms. </p><p>Prerequisite: Credit for or registration in JOUR 150 or JOUR 250 or consent of instructor. </p>	
ZMR1000	MATH 100	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **	
ZMR1010	CS 101	1	No	N	Basic Elective	EARLY COLLEGE	**Reference specific Community College within the University of Hawaii system for information on this course** Running Start: University of Hawaii Hilo Campus CS101: Digital Tools for Info World Hands-on computer class with emphasis on producing professional-level documents, spreadsheets, presentations, databases and web pages for problem-solving. Includes concepts, terminology and a contemporary operating system. Meets requirements for the College of Business at UH Manoa and UH Manoa's Biology program and Botany department. Prepares students for College of Business Computer Competency certification test at UH Hilo.
ZMR1030	MATH 103	1	No	Basic Elective	EARLY COLLEGE	<p>Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Kapiolani Community College MATH 103 - FUNDAMENTALS OF COLLEGE ALGEBRA MATH 103 extends topics introduced in the elementary algebra sequence and prepares students for precalculus. Instructions includes units on algebraic simplification of polynomial, rational, exponential, and radical expressions, as well as solving equations and inequalities involving absolute value, polynomial, rational, exponential, and radical expressions, and the graphing of lines and parabolas. The topic of functions is introduced early in the course and is integrated in the subject matter throughout the course. A scientific calculator is required.</p>	
ZMR1100	PHIL 110	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **	
ZMR1101	MATH 110	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Hawaii Community College Math 110: College Algebra A continuation from intermediate algebra. Topics include: algebraic equations and inequalities, absolute value, polynomials, rational, exponential and logarithmic functions, conic sections, systems of equations and inequalities, matrices an determinants. Additional topics may include sequences an series, combinatorics, probability, and/or mathematical induction.	
ZMR1110	PHIL 111	1	No	Basic Elective	EARLY COLLEGE	<p>Running Start Leeward Community College - PHIL 111 Introduction to Inductive Logic</p><p>Promote drawing logical inferences when evidence leaves them unsure as to what is actually true. </p><p>Application to the media's use of probabilities and statistics, and the way many academic disciplines use these strategies to analyze and present data will provide concrete contexts for applying inductive principlea and resonaing strategies. </p><p></p>	
ZMR1150	MATH 115	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Honolulu Community College MATH 115 - Statistics A basic introduction to topics in statistics, with a brief look at probability. Emphasis on applications to physical and social sciences.	
ZMR1210	MATH 121	1	No	Basic Elective	EARLY COLLEGE	<p style="margin-left: 20px;">RUNNING START UH HILO: MATH 121 - Intro Stats & Prob</p><p style="margin-left: 20px;">Utilizes basic statistical topics including measure of central tendency and dispersion, classification of variables, sampling techniques, elementary probability, normal and binomial probability distributions, tests of hypothesis, linear regression and correlation to solve programs.</p><p style="margin-left: 20px;"> </p>	
ZMR1350	MATH 135	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Kapiolani Community College MATH 135 Hilo Elementary Functions MATH 135 focuses on elementary functions and graphs, polynomials, systems of linear equations, absolute values, inequalities, logarithms and exponentials.	
ZMR1401	MATH 140	1	No	Basic Elective	EARLY COLLEGE	<p>Reference specific Community College within the University of Hawaii system for information on this course ** University of Hawaii- Kauai Community College Math 140- Pre-Calculus: Trigonometry & Analytical Geometry The second part of the Pre-Calculus sequence, this course includes a study of trigonometry, analytic geometry and applications.</p>	
ZMR1410	ICS 141	1	No	Basic Elective	EARLY COLLEGE		
ZMR1500	CS150/ICS111	1	No	Specialized Elective	EARLY COLLEGE	<p>Reference specific Community College within the University of Hawaii system for information on this course. </p><p> </p><p>Running Start: University of Hawaii - Hilo CS150-Intro to Computer Science I Intended for Computer Science majors and all others interested in the first course in programming. An overview of the fundamentals of computer science emphasizing problem solving, algorithm development, implementation, and debugging/testing using an object-oriented programming language. </p><p> </p><p>Running Start: Leeward Community College/ University of Hawaii West Oahu ICS111- Introduction to Computer Science I Intended for Computer Science majors and all others interested in the first course in programming. An overview of the fundamentals of computer science emphasizing problem solving, algorithm development, implementation, and debugging/testing using an object-oriented programming language.</p>	
ZMR1510	CS 151	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: University of Hawaii - Hilo CS 151 - Introduction to Computer Science II Reinforces and strengthens problem solving skills using more advanced features of programming languages and algorithms such as recursion, pointers, and memory management. Emphasizes the use of data structures such as arrays, lists, stacks, and queues.	

ZMR2000	CS 200	1	No	Basic Elective	EARLY COLLEGE	**Reference specific Community College within the University of Hawaii system for information on this course** Running Start: University of Hawaii %U00%UN Hilo- North Hawaii Education and Research Center CS 200 Web Technology I Introductory web page authoring. Creation of client-side web pages using web authoring language and style sheets. Consideration of graphical design elements, validation, browser compatibility, and accessibility. Use of scripting language to add dynamic elements to web pages.
ZMR2051	MATH 205	1	No	Basic Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course **</p>
ZMR2060	MATH 206	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Leeward Community College MATH 206 %U00%UN Calculus II Second course in the calculus sequence. The course extends differentiation and integration to single-variable inverse trigonometric, logarithmic, and exponential functions. Topics include techniques of integration, convergence of improper integrals, sequences and series, Power and Taylor series representations of functions, and an introduction to differential equations. Changed to 5-point scale: 11/16/16
ZMR2310	MATH 231	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Kapiolani Community College MATH 231 - CAlculus III MATH 231 is the third course in the calculus sequences, which focuses on functions of several variables using a vector oriented approach. The course also studies partial differentiation. Changed to 5-point scale: 11/16/16
ZMR2320	MATH 232	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Kapolani Community College MATH 232 - Calculus IV MATH 232 is the fourth course in the calculus sequence, which focus on mutple integrals, line and surface integrals and applications, and an introduction to ordinary differential equations. Changed to 5-point scale: 11/16/16
ZMR2410	CS 241	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: University of Hawaii - Hilo CS 241 - Discrete Math for Computer Sci II Includes functions, matrices, graph theory, trees and their applications, BOOlean algebra, introduction to formal languages and automata theory. Changed to 5-point scale: 11/16/16
ZMR2420	MATH 242	1	No	Basic Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course **</p>
ZMR2430	MATH 243	1	No	Basic Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course **</p><p>RUNNING START Kauai Community College: Math 243 - Calculus 3</p><p>This course covers vector algebra, vector-valued functions, and differentiation of functions of several variables, and optimization.</p> </p>
ZMR2440	MATH 244	1	No	Basic Elective	EARLY COLLEGE	<p>** Reference specific Community college within the University of Hawaii System for information on this course. **</p><p> </p><p>RUNNING START: Kapiolani Community College Math 244 is the fourth course in the calculus sequence, which focuses on multiple integrals, line and surface integrals and applications, and an introduction to ordinary differential equations. University of Hawaii West Oahu Math 244 is the fourth course in the calculus sequence. The course covers multiple integrals, integration in vector fields, line integrals and Green's Theorem, surface integrals, and Stokes's and Gauss's Theorems. Leeward Community College Math 244 is the fourth course in the calculus sequence. Topics include multiple integrals, line integrals, Green's Theorem, surface integrals, Stokes's Theorem, and Gauss's Theorem. </p>
ZMR3000	MATH 300	1	No	Basic Elective	EARLY COLLEGE	**Reference specific Community College within the University of Hawaii system for information on this course** Running Start: University of Hawaii - Hilo MATH 300 - Ordinary Differential Equations Theory and methods of solutions of ordinary differential equations and systems of linear differential equations with constant coefficients. Power series solutions, Laplace transforms, and applications.
ZMR3110	MATH 311	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: University of Hawaii - Hilo MATH 311 - Introduction to Linear Algebra Algebra of matrices, linear equations, vector spaces, linear transformations, eigenvalue, eigenvector problems, diagonalization and basic applications.
ZMR4070	CS 407	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: University of Hawaii - Hilo CS 241 - Intro to Numerical Analysis I Solutions of equations in one variable, direct and iterative methods for systems of linear equations, the algebraic eigenvalue problem, interpolation and polynomial approximation, error analysis and convergence for specific methods.
ZPA2230	THEA 223	1	No	Specialized Elective	EARLY COLLEGE	<p>RUNNING START WINDWARD COMMUNITY COLLEGE: THEA 223 INTRODUCTION TO ACTING FOR CAMERA</p><p> </p><p>An introduction to acting techniques for film, TV production, and other camera-based media. </p>
ZPK2030	KRS 203	1	No	Specialized Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course **</p><p>Running Start UH-Manoa KRS 203 Introduction to Kinesiology: Kinesiology as a professional field. Overview of history, philosophy, and current trends in kinesiology. Survey of psychological and sociological foundations of kinesiology, exercise, fitness and sport. </p>
ZSA1100	ASTR 110	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZSA1500	ASTR 150	1	No	Basic Elective	EARLY COLLEGE	<p>RUNNING START University of Hawaii at Hilo: ASTR 150 Life in The Universe</p><p>The possibility that life might exist elsewhere in the universe has fascinated human beings ever since our ancestors first gazed into the stary sky. In this course, the question for extraterrestrial life is considered from astronomical, biological, and sociological perspectives. Topics include planets, stars and galaxies, the Big Bang, the origin and evolution of life on Earth, searches for extraterrestrial life, and more. A non-mathematical course for non-science majors who want to explore astronomy.</p><p> </p>
ZSB1000	BIOL 100	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZSB1001	ZOOL 141L	0	No	General non-credit	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course.** Running Start: Windward Community College ZOOL 141L %U00%UN Human Anatomy and Physiology Lab I Laboratory to accompany ZOOL 141. Reinforces the facts and concepts of human anatomy and physiology discussed in ZOOL 141 through dissections, examination of models, laboratory activities, and other hands-on experiences. This course is intended for students entering health care or medically related fields such as nursing, physical therapy and medical technology.</p><p> </p><p>Running Start: Kapiolani Community College</p><p>ZOOL 141L Human Anatomy and Physiology Lab I</p><p>ZOOL 141L Human Anatomy and Physiology Laboratory I covers the structure and function of the human body, which includes study and experimentation regarding embryology, gross anatomy, micro anatomy, physiology, pathology, and homeostatic relationships with regards to the following areas: body orientation, chemistry, cells, tissues, integumentary system, bone tissue, skeletal system, joints, muscular tissue, muscular system, nervous tissue, spinal cord and nerves, brain, cranial nerves, and special senses. </p>

ZSB1002	ZOOL 141	1	No	Basic Elective	EARLY COLLEGE	<p><p>Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Windward Community College ZOOL 141 %&#x2013; Human Anatomy and Physiology I The first semester of a two-semester course in human anatomy and physiology which includes a study of human embryology, gross anatomy, microanatomy, physiology, pathology, and homeostatic relationships. This course is intended for students entering health care or medically related fields such as nursing, physical therapy and medical technology.</p>
<p>Running Start: Kapiolani Community College</p><p>ZOOL141- Human Anatomy and Physiology I</p><p>Human Anatomy and Physiology I covers the structure and function of the human body which includes a study of its embryology, gross anatomy, micro anatomy, physiology, pathology, homeostatic relationships in regards to the following areas: body orientation, chemical level, cellular level, tissue level, integumentary, bone tissue, skeletal, joints, muscular tissue, muscular system, nervous tissue, spinal cord, and nerves, brain, cranial nerves, and special senses.&nbsp;</p></p>	
ZSB1003	ZOOL 142	1	No	Basic Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course.** Running Start: Windward Community College ZOOL 142 %&#x2013; Human Anatomy and Physiology II The second semester of a two-semester course in human anatomy and physiology which includes a study of human embryology, gross anatomy, microanatomy, physiology, pathology, and homeostatic relationships. This course is intended for students entering health care or medically related fields such as nursing, physical therapy and medical technology.</p>	
ZSB1004	ZOOL 142L	0	No	General non-credit	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course.** Running Start: Windward Community College ZOOL 142L - Human Anatomy and Physiology Lab II Laboratory to accompany ZOOL 142. Reinforces the facts and concepts of human anatomy and physiology discussed in ZOOL 142 through dissections, examination of models, laboratory activities, and other hands-on experiences. This course is intended for students entering health care or medically related fields such as nursing, physical therapy and medical technology.</p>	
ZSB1010	BOT 101	1	No	Basic Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course **</p>	
ZSB1011	BOT101LAB	0	No	General non-credit	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course. Student earns college credit/not HS credit.**</p>	
ZSB1013	BIOL 101	1	No	Specialized Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Kapiolani Community College BIOL 101 %&#x2013; Introduction to Science: Biological Sciences BIOL 101 introduces students to the characteristics of science, historical development of scientific concepts, and interaction of society with science. BIOL 101 is illustrated by topics from the biological sciences.</p>	
ZSB1043	BIOL 243	1	No	Basic Elective	EARLY COLLEGE	<p><p>Running Start: University of Hawaii - Hilo</p><p>BIOL 243 - Human Anatomy & Physiology I</p><p>Basic structure and function of human tissue and organ systems, including skeletal, integumentary, muscular, respiratory, circulatory, and immune systems.&nbsp;</p></p>	
ZSB1160	BOT 160	1	No	Basic Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Windward Community College BOT 160- Identification of Tropical Plants Nontechnical course in identification of common plants of tropics, including native and introduced flora.</p>	
ZSB1199	BOT 199V	1	No	Basic Elective	EARLY COLLEGE	<p><p>Running Start: Windward Community College</p><p>BOT 199V: Independent Study: Botanical Research&nbsp;</p><p>Introduction for fundamental principles and techniques in Agripharmatech: Ethnopharmacognosy and Plant Biotechnology.</p>
</p></p>	
ZSB1200	HORT 200	1	No	Basic Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course ** RUNNING START: Kauai Community College HORT 200- Intro Horticulture This course is an introduction to horticulture crop science with emphasis on plant structure and function, and environmental factors that affect plant growth. The class will cover the horticulture industry, horticulture crop families, growing systems, soil preparation and fertility, soil and water management, plant breeding and varieties, identifying and controlling pests, regulating plant growth, harvesting, value-added applications, and marketing.</p>	
ZSB1240	BIOL 124	1	No	Basic Elective	EARLY COLLEGE	<p><p>Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Windward Community College BIOL 124 %&#x2013; Environment & Ecology A study of human ecology through the analysis of the interrelationships between science and technology, the means these provide for manipulation of environment and the effects of this manipulation on the environment and on human populations. Lecture/field trip course designed for non-science majors</p></p>	
ZSB1241	BIOL 124L	0	No	General non-credit	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Windward Community College BIOL 124L %&#x2013; Environment & Ecology Laboratory Companion laboratory class to BIOL 124, Environmental and Ecology. This class, providing hands-on experience in the laboratory and in the field, enhances the student's understanding of basic environmental science and ecological concepts presented in BIOL 124.</p>	
ZSB1710	BIOL 171	1	No	Basic Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course.** BIOL 171: Introduction to Biology I Introduction biology for all life science majors. Cell structure and chemistry, growth, reproduction, genetics, evolution, viruses, bacteria, and simple eukaryotes. Recommended Prep: High school level biology course.</p>	
ZSB1711	BIOL 171L	0	No	Basic Elective	EARLY COLLEGE	<p><p>Reference specific Community College within the University of Hawaii system for information on this course.** BIOL 171L Introduction to Biology Lab</p></p>	
ZSB1720	BIOL 172	1	No	N	Basic Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Hawaii Campus BIOL 172: Introductory Biology II Students will explore the biodiversity of animal-like protists, invertebrates, and vertebrates. Animal tissues, sensory reception and integration, endocrine system, support and movement, circulation, immunity, digestion, kidney function, reproduction, and development. Population and community ecology, energy flow, and biogeochemical cycles. (3 lec hrs.)</p>
ZSB1721	BIOL 172L	0	No	N	Basic Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Hawaii Campus BIOL 172: Introductory Biology II Lab Exercises will cover structure, function, and natural history of animal-like protists, invertebrates, and vertebrates; structure and function of animal tissues, reproduction, development, and community ecology. (3 lab hrs.)</p>
ZSB1750	BIOL 175	1	No	Basic Elective	EARLY COLLEGE	<p>**Reference specific Community College within the University of Hawaii system for information on this course** Running Start: University of Hawaii - Hilo BIOL 175 - Introductory to Biology I Principles of cell structure, replication, and metabolism. Classical and molecular genetics, and evolutions. Biodiversity of prokaryotes, viruses, fungi, and plants. Plant structure and function.</p>	
ZSB1751	BIOL 175L	0	No	General non-credit	EARLY COLLEGE	<p>**Reference specific Community College within the University of Hawaii system for information on this course** Running Start: University of Hawaii - Hilo BIOL 175L - Introductory Biology I Lab Laboratory for Introductory Biology I. Laboratory exercises covering cell structure, replication, and metabolism; classical and molecular genetics; evolution; and biodiversity of prokaryotes, viruses, fungi, and plants.</p>	

ZSB1920	BOT 192	1	No	Specialized Elective	EARLY COLLEGE	<p>Running Start Windward Community College - BOT 192 Special Topics in Plant Sciences</p><p>Roles of free radicals in human diseases and health benefits of antioxidants; literature review; antioxidant properties in plants; experimental analysis of antioxidant contents and capacities of Hawaiian plants; scientific poster presentation. </p>
ZSB1990	BIOL 199V	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Windward Community College BIOL 199V %Ü Environment & Ecology Internship The student will assist in the instruction of BIOL 124/124L by acting as a mentor in the PaCES-HIMB Summer Program in Environmental Science for High School Students.
ZSB2000	ZOOL 200	1	No	Basic Elective	EARLY COLLEGE	<p>Running Start: Windward Community College, taught on KHIS campus (Kahuku campus) </p><p>ZOOL 200 - Marine Biology</p><p>Biological, physical, and chemical characteristics, flora and fauna, and interactions of components of marine ecosystems; survey of marine environments; utilization, exploitation, pollution, and conservation of marine resources; Recommended Preparation: Registration in ZOOL 200L</p><p>The student learning outcomes are:</p><p><p>-Explain the process and philosophical basis of scientific inquiry.</p><p>-Distinguish between living things and inanimate objects.</p><p>-Demonstrate an understanding of the physical and chemical characteristics of the marine environment, especially those of the Hawaiian marine environment, and how they impact marine life. </p><p>-Communicate knowledge of the diversity of marine organisms, especially Hawaiian species. </p><p>-Exhibit an appreciation of the interaction between structure and function of marine life and how marine organisms are taxonomically related. </p><p>-Illustrate and provide examples of the ecological role of relationships between marine organisms.</p><p>-Describe the major life zones of the ocean and the adaptations of living things relevant to being successful species in these zones. </p><p>-Recognize and suggest solutions to the negative impacts of human activities on the marine environment.</p><p>-Research and write, using the language of the field, about marine biology topic.</p>
ZSB2750	BIOL 275	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** BIOL 275- Cell and Molecular Biology BIOL 275 is an integrated cell and molecular biology course for life science majors. This course is design to give students a fundamental understanding of the structure and biochemistry of eukaryotic and prokaryotic cells. This course covers the basic principles of molecular biology and includes modern advances in biotechnology, recombinant DNA technology and bioinformatics.
ZSB2751	BIOL 275L	0	No	Basic Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course ** BIOL 275L- Cell and Molecular Biology Lab</p>
ZSB2990	BIOL 299V	0.5	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Windward Community College BIOL 299V- NALU STUDIES MENTOR The student will assist in the instruction of NALU Studies environmental studies program by acting as a mentor to enroll studies.
ZSB5001	BOT 105	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZSB5010	BOT 130	1	No	Basic Elective	EARLY COLLEGE	**Reference specific Community College within the University of Hawaii system for information on this course** BOT 130- Plants in Hawaiian Environment Understanding principles oh how native plants arrived and developed in Hawaii and the impact on them by man's activities. Lab work includes learning basic introduced plants by visiting natural and garden sites, uses by Hawaiians and importance of tropical plants world-wide. University of Hawaii campus: Leeward Community College
ZSC1000	CHEM 100	1	No	Basic Elective	EARLY COLLEGE	**Reference specific Community College within the University of Hawaii system for information on this course** Running Start: Hawaii Community College CHEM 100- Chemistry for Non-Science Majors Basic concepts of chemistry utilizing mathematics only where necessary, designed for the non-science major.
ZSC1010	CHEM 100L	0	No	General non-credit	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course. Student earns college credit/not HS credit.** Running Start: Hawaii Community College CHEM 100 L- Chemistry for Non-Science Majors Lab Laboratory to accompany Chem 100; Basic concepts of chemistry utilizing mathematics only where necessary, designed for the non-science major.
ZSC1240	CHEM 124	1	No	Basic Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: University of Hawaii - Hilo CHEM 124 - General Chemistry I A mathematically rigorous introduction to chemistry designed for majors in the natural sciences. Topics covered include measurements and problem solving, structure of atoms, molecules, and compounds; chemical equations, chemical quantities and aqueous reactions; behavior of gases; thermochemistry; quantum-mechanical model of the atom; periodic property of the elements; chemical bonding.</p>
ZSC1241	CHEM 124L	0	No	General non-credit	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: University of Hawaii - Hilo CHEM 124L - General Chemistry I Lab Experiments illustrating the fundamental principles and techniques of chemistry.
ZSC1250	CHEM 125	1	No	Basic Elective	EARLY COLLEGE	**Reference specific Community College within the University of Hawaii system for information on this course** Running Start: University of Hawaii - Hilo CHEM 125 - General Chemistry II A mathematically rigorous continuation of CHEM 124. Topics covered include liquids, solids and intermolecular forces; properties of solutions; chemical kinetics and equilibrium; acid and bases; aqueous ionic equilibrium; free energy and thermodynamics; electrochemistry.
ZSC1251	CHEM 125L	0	No	General non-credit	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: University of Hawaii - Hilo CHEM 125L - General Chemistry II Lab Experiments illustrating the fundamental principles and techniques of chemistry.
ZSC1410	BIOC 141	1	No	Basic Elective	EARLY COLLEGE	<p>Running Start Kapiolani Community College - BIOC 141 Fundamentals of Biochemistry</p><p>Focuses on the fundamentals of general, inorganic, and bioorganic chemistry as they apply to living systems. </p>
ZSC1510	CHEM 151	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZSC1511	CHEM151LAB	0	No	General non-credit	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course. Student earns college credit/not HS credit.**
ZSC1610	CHEM 161	1	No	Basic Elective	EARLY COLLEGE	<p>**Reference specific Community College within the University of Hawaii system for information on this course**</p><p> </p><p>RUNNING START Kapiolani Community College CHEM 161 General Chemistry</p><p>CHEM 161 introduces the basic principles of chemistry including the metric system, atomic and molecular structure, periodic trends and chemical bonding, the mole concept, writing and balancing chemical equations, stoichiometry and heat of reactions. </p><p>The course was designed to provide the student with an adequate background in the fundamental concepts of chemistry. </p><p>Problem solving is emphasized. </p><p> </p></p>
ZSC1620	CHEM 162	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** CHEM 162- General Chemistry II The second course of a two-course sequence designed to meet the one-year requirement of a general college chemistry. Concepts and topics include, thermochemistry, kinetics

ZSC1621	CHEM 162L	0 No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** CHEM 162L- General Chemistry Lab
ZSC2720	CHEM 272	1 No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** CHEM 272- Organic Chemistry I CHEM 272 is the first semester of a comprehensive study of organic chemistry including: molecular structure, nomenclature, stereochemistry, spectroscopy, reactions, reaction mechanisms, and synthesis of organic compounds.
ZSC2721	CHEM 272L	0 No	Basic Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course ** CHEM 272L- Organic Chemistry I Lab</p>
ZSC2730	CHEM 273	1 No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** CHEM 273- Organic Chemistry II CHEM 273 is the second semester of a comprehensive study of organic chemistry including: molecular structure, nomenclature, stereochemistry, spectroscopy, reactions, reaction mechanisms and synthesis of organic compounds.
ZSC2731	CHEM 273L	0 No	Basic Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course ** CHEM 273L- Organic Chemistry II Lab</p>
ZSE1240	SCI 124	1 No	Basic Elective	EARLY COLLEGE	**Reference specific Community College within the University of Hawaii system for information on this course** Running Start: Hawaii Community College SCI 124 - Introduction to Environmental Science An Introduction to ecological principles and how they relate to the human situation. The course also explores the causes and solutions of present environmental problems.
ZSE1241	SCI 124 L	0 No	General non-credit	EARLY COLLEGE	**Reference specific Community College within the University of Hawaii system for information on this course** Running Start: Hawaii Community College SCI 124L - Introduction to Environmental Science Lab This Laboratory accompanies the Environmental Science 124 Lecture. Students apply the scientific method in learning about processes of ecosystem function and of human impact on the natural environment. Field work and field trips are an integral part of this course.
ZSG1000	GEOL 100	1 No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: University of Hawaii%ŪHilo-North Hawaii Education and Research Center GEOL 100 Environmental Earth Science Introduction to geology for non-science majors with an emphasis on the interaction between the Earth and its human population. The focus is on the solid Earth, natural hazards, natural resources, and pollution.
ZSG1010	GEOL 101	1 No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZSG1020	GG 101	1 No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course.** Running Start: Windward Community College GG 101 - Dynamic Earth The natural and physical environment; the landscape; rocks and minerals; rivers and oceans; volcanism, earthquakes and other processes inside the Earth; effects of human use on the Earth and its resources.
ZSG1110	GEOG 101	1 No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZSG1111	GEOG101LAB	0 No	General non-credit	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course. Student earns college credit/not HS credit.**
ZSG1220	GEOL 122	1 No	Basic Elective	EARLY COLLEGE	<p>RUNNING START UH West Oahu GEOL 122 Introduction to Earth Science</p><p> </p><p>This course is designed to develop and build the concepts and principles of the Earth system. The objectives of the course are to aid students in developing meaningful and functional understanding of key Earth Science concepts and their interrelations; provide students with open-ended problem solving experiences that facilitate inquiry regarding the nature and content of science as an intellectual activity; explore alternate conceptions of scientific phenomena; help students develop more positive attitudes towards science and increase their confidence to both explain and apply Earth system theories and principles. Depending on scheduling there may be an optional local field trip.</p>
ZSH1960	HWST 196	1 No	Specialized Elective	EARLY COLLEGE	<p>Running Start: Windward Community College</p><p>HWST 196 - Special Topics in Polynesian Voyaging: Malama Honua</p><p>An introduction to Hawaiian Views of astronomy and weather, with a focus on celestial boies and how they are used as a basic wayfinding tool.</p><p>Upon completion of the course, the student will be able to:</p><p>-Demonstrate knowledge of traditional Hawaiian and Polynesian concepts of the cosmos, space, direction and time and explain how these concepts compare with Western concepts.</p><p>-Identify and name the component parts of the star compass used by Polynesian Voyaging Society (PVS) trained navigators. </p><p>-Identify and name (both Hawaiian and non-Hawaiian names) the four star lines used by contemporary Hawaiian wayfinders.</p><p>-Identify and name the star constellations that make up the individual star lines.</p><p>-Identify and explain the declination of each star and how they relate to significant places in broader Polynesia. </p><p>-Critically examine and explain the differences between Micronesian star compass used by Mau Piailug and the contemporary wayfinding star compass.</p><p>-Demonstrate knowledge of the stories, both traditional and contemporary, that are attached to the stars, constellations and star lines used by wayfinding navigators. </p><p>-Identify and explain significance of celestial bodies and atmospheric and oceanic features and conditions used in navigation and weather predictions. </p><p>-Demonstrate a basic knowledge of non-instrument and instrument-aided navigation and weather. </p><p>-Demonstrate basic knowledge of the richness of Hawaiian language in describing geography and navigation, and demonstrate knowledge of how the terminology reflects a Hawaiian worldview.</p>
ZSM1300	MICRO 130	1 No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZSN1010	NSCI 101	1 No	Basic Elective	EARLY COLLEGE	<p>Running Start: UH Manoa</p><p>NSCI 101- Natural Sciences and Life-Pulling the Puzzles Apart</p><p>Journey through the Natural Sciences finding fun, excitement, and success in science, mathematics, engineering, medicine, and all that is the natural sciences. Focus upon challenging worldview of belief, invention, impact, and ethics. </p>
ZSO1200	OCN 120	1 No	Specialized Elective	EARLY COLLEGE	<p>RUNNING START Kauai Community College OCN 120 Global Environmental Challenges</p><p> </p><p>This course focuses on scientific approaches to evaluating human-caused environmental challenges and their potential solutions. </p>
ZSO1400	MARE 140	1 No	Basic Elective	EARLY COLLEGE	<p>RUNNING START University of Hawaii at Hilo </p><p>MARE 140 INTRO TO HAWAIIAN CORAL REEFS</p><p>Explore the underwater world of the Big Island of Hawai'i while learning about unique marine ecosystems found nowhere else on Earth. </p><p>Students will acquire an appreciation for local aquatic fauna in the classroom including the basics of marine biology and natural history. </p><p>Concurrent enrollment in MARE 140L required. </p>
ZSO1401	MARE 140L	0 No	Basic Elective	EARLY COLLEGE	<p>RUNNING START University of Hawaii'i at Hilo</p><p>MARE 140L INTRO TO HAWAIIAN CORAL REEFS LAB</p><p>Students will enter the natural laboratory that is Hawai'i and investigate coral reefs, coastal beaches and tide pool systems with mask, snorkel and fins. </p><p>Learn to identify common marine inhabitants while enjoying an unparalleled educational experience under the sea. </p><p>Concurrent enrollment in MARE 140 is required. </p>

ZSO1960	OCN 196	1	No	Specialized Elective	EARLY COLLEGE	<p>Running Start: University of Hawaii at Manoa</p><p>OCN 196 - Research Experiences in Marine Science</p><p>Inquiry-driven and experimental marine biology summer program based on the expertise of HIMB researchers whose specialties demonstrate how human impacts and global change affect coral reef ecosystems. Emphases on student team research projects. Repeatable one time. High school or UG freshman only. (Summer only)</p>
ZSO2010	OCN 201	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZSO2990	OCN 299V	1	No	Basic Elective	EARLY COLLEGE	<p>Running Start: Windward Community College</p><p>OCN 299V - Environment and Ecology Mentor</p><p>The student will assist in the instruction of BIOL 124/124L by acting as a mentor in the PaCESHIMB Summer Program in the Environmental Science for High School Students. The student will prepare and deliver an oral presentation on an environmental science topic. </p>
ZSP1000	PHYS 100	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Hawaii Community College PHYS100 - Concepts of Physics- A Survey Students learn the concepts and methods of modern physics. Emphasis on comprehension of the scientific approach to problem solving and understanding of fundamentals of physics in motion, forces and energy, heat and sound, structure of matter, electricity and magnetism, light and relativity. Course designed for liberal arts students and as preparation for mathematics-based physics.
ZSP1001	PHYS 100 L	0	No	General non-credit	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Hawaii Community College PHYS 100L - Concepts of Physics-A Survey Laboratory Simple experiments in the basic concepts of physics, illustrating the role of physics in society to the nonscientist.
ZSP1510	PHYS 151	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Windward Community College PHYS 151 %ŪŪ College Physics I A non-calculus one-semester course for pre-professional or non-engineering majors. Study of the basic concepts of physics, including the fundamental principles and theories in mechanics, energy and waves. Changed to 5-point scale: 11/16/16
ZSP1511	PHYS 151L	0	No	General non-credit	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Windward Community College PHYS 151 %ŪŪ College Physics I Lab A non-calculus one-semester course for pre-professional or non-engineering majors. Study of the basic concepts of physics, including the fundamental principles and theories in mechanics, energy and waves. Changed to 5-point scale: 11/16/16</p>
ZSP1520	PHYS 152	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** PHYS 152- College Physics The second course in a two-semester sequence in introductory physics intended for science majors. Emphasis is split between concepts and mathematical applications. Algebra, trigonometry and geometry are used; calculus is not. Course includes electricity and magnetism, wave motion, optics and atomic and nuclear physics. Required: pocket trig-type calculator
ZSP1521	PHYS 152L	0	No	Basic Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course ** PHYS 152L- College Physics Lab</p>
ZSP1700	PHYS 170	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: University of Hawaii - Hilo PHYS 170 - General Physics I Introductory physics designed for students majoring in physical sciences or engineering. Covers mechanics of particles, extended bodies, rotational dynamics, conservation laws, fluids, wave motion, and thermodynamics. Changed to 5-point scale: 11/16/16
ZSP1710	PHYS 170L	0	No	General non-credit	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: University of Hawaii - Hilo PHYS 170L - General Physics I Lab A required laboratory supplement for PHYS 170; covers basic principles of experimentation and physical measurement. Changed to 5-point scale: 11/16/16</p>
ZSP2110	EE 211	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** EE 211- Basic Circuit Analysis Study of linear circuits, time-domain analysis, transient and steady-state responses, phasors, impedance, and admittance; network or system functions, frequency response and filtering, resonance.
ZSP2720	PHYS 272	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** PHYS 272- General Physics II Experimental analysis in electricity, magnetism and optics.
ZSP2721	PHYS 272L	0	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** PHYS 272L- General Physics II Laboratory
ZSP2740	PHYS 274	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** PHYS 274- General Physics III Modern physics, consisting of relativity, introduction to quantum mechanics, atomic and nuclear physics, and physical optics; the last one of the rigorous three-semester introductory physics sequence. Required of physical science and engineering majors (except CE). Class meets for 3 hours of lecture per week. Prerequisite: PHYS 152 or PHYS 272
ZSP2741	PHYS 274L	0	No	Basic Elective	EARLY COLLEGE	<p>PHYS 274L - General Physics III Lab Experiments illustrating selected concepts of 271, including diffraction and interference of light, wave nature of matter, photoelectric effect, atomic spectra, and semiconductors.</p>
ZSS2950	SCI 295V	1	No	Basic Elective	EARLY COLLEGE	<p>Running Start: Windward Community College</p><p>SCI 295V - Introduction to STEM Research</p><p> </p><p>SCI 295V offers a research experience in science, technology, engineering, and/or mathematics, emphasizing the application of the scientific method to a specific project.</p>
ZSZ1010	ZOOL 101	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: University of Hawaii - Manoa ZOOL 101 - Principles of Zoology Structure, development, physiology, reproduction, evolution, behavior, and ecology of animals.
ZSZ1011	ZOOL101LAB	0	No	General non-credit	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course. Student earns college credit/not HS credit.** Running Start: University of Hawaii - Manoa ZOOL - 101L Principles of Zoology Laboratory Laboratory to accompany 101.
ZTA1120	AEC 112	1	No	Supplemental Elective	EARLY COLLEGE	<p>AEC 112 - Computer Aided Drafting (CAD): Hawaii Community College - Hilo Campus</p><p>Introduction to AutoCAD's basic drawing commands including features, functions, and operations. Students will also learn how to create blocks, external references, and how to utilize paper and model space layouts. </p>
ZTA1200	CM 120	1	No	Basic Elective	EARLY COLLEGE	CM 120- Introduction to Digital Video Running Start: University of Hawaii West Oahu In the course, students will develop basic skills in video production. The course will emphasize the technical aspects of digital cinematography and sound recording as well as fundamentals of field protection in terms of conceptual development, planning, writing, storyboarding, editing, and project management. In addition, students will be introduced to basic rules of visual composition, sequencing and storytelling.

ZTA1420	CM 142	1 No	Basic Elective	EARLY COLLEGE	CM 142- Introduction to Digital Video Running Start: University of Hawaii West Oahu In this course, students will learn what goes into a modern game. They will explore many key elements of game design, including how to think of and expand on, fun and innovative game ideas. Finally, they will put their knowledge to use by creating an original game idea and using it to write pitch and design documents.
ZTA1510	CM 151	1 No	Basic Elective	EARLY COLLEGE	<p>Running Start: University of Hawaii - West Oahu</p><p>CM 151 - Pre-Production: Digital Video</p><p>This course introduces industry-standard pre-production techniques and tools employed in film and video production. Students learn proper treatment and script format utilized in both fiction and non-fiction, visualization techniques such as story boarding and animated video storyboarding, and organization techniques which involve crafting shot lists, and lined scripts. </p>
ZTA1520	CM 152	1 No	Supplementary Elective	EARLY COLLEGE	<p>RUNNING START</p><p>University of Hawaii West O'ahu</p><p>CM 152 Principles of Video Editing</p><p>This course introduces the theory, and aesthetics of non-linear video editing. Students learn how to effectively set the mood, utilize pacing, build suspense, build continuity, and structure their content. In addition to aesthetic considerations, the course also introduces vocabulary and essential technical skills such as importing, tagging, exporting, and working with various video formats.</p><p> </p>
ZTA1610	CM 161	1 No	Supplementary Elective	EARLY COLLEGE	<p>RUNNING START</p><p>University of Hawaii West O'ahu</p><p>CM 161 Introduction to iOS Mobile Application Development</p><p>This course provides students with an introduction to iOS Mobile Application Development. Additionally, students will learn the process of creating mobile applications including creating user stories, wire frames, as well as strategies in application development and design. Students will also learn programming basics in Objective-C, tools that will help them in development as well as an introduction to Xcode, Apple's development software.</p><p> </p>
ZTB0125	ENT 125	1 No	Basic Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course **</p><p>Running Start: Kauai Community College ENT 125: Entrepreneurship Starting a Business.</p><p> </p>
ZTB1101	BUS 101	1 No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **<p>Running Start: Leeward Community College BUS 101: Business Computer Systems Introduction to computers and the components of a business computer system, including hands-on exposure to elementary applications, and learning how computer technology can be applied to satisfy business needs. May be used to fulfill entrance requirement at Shidler College of Business at UH Manoa.</p>
ZTB1130	BUS 130	1 No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTB1175	BUS 175	1 No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTB1200	BLAW 200	1 No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTB1220	BUS 122	1 No	Basic Elective	EARLY COLLEGE	<p>RUNNING START Windward CC: BUS 122 Introduction to Entrepreneurship</p><p> </p><p>This course covers the basic economic and business principles regarding small-scale business enterprises. Focusing on the creation of a business plan, topics include researching and evaluating resources, planning, marketing, cultivating money resources, and understanding key concepts in law, budgeting, financial statements, and business documentation.</p><p> </p>
ZTB1240	ACC 124	1 No	Basic Elective	EARLY COLLEGE	**Reference specific Community College within the University of Hawaii system for information on this course**<p>ACC 124: Principles of Accounting I This course introduces basic accounting principles and practices to a service and merchandising sole proprietorship. Upon successful completion of this course, the student will be able to demonstrate an understanding of the procedures involved in the basic accounting cycle and apply those procedures to the recording and reporting of accounting data at the introductory level. The student will be able to maintain specialized journals and subsidiary ledgers and demonstrate an understanding of banking procedures and payroll accounting at the introductory level. University of Hawaii campus: Kauai Community College</p>
ZTB1250	ACC 125	1 No	Basic Elective	EARLY COLLEGE	<p>Running Start: Kauai Community College</p><p>ACC 125 - Principles of Accounting II</p><p> </p><p>This course continues the study of financial accounting procedures. Areas include: long-term assets, long-term liabilities, accounting for corporations and/or partnerships. The statement of cash flows and financial statement analysis may be covered. </p><p> </p>
ZTB1300	BUS 120	1 No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **<p>Running Start: Kauai Community College BUS 120: Principles of Business This course surveys the fundamentals of the American business enterprise and examines the foundations and responsibilities of accounting, business, management, finance, marketing, and the business environment.</p>
ZTB1880	BUSN 188	1 No	Basic Elective	EARLY COLLEGE	<p>Running Start: Kauai Community College</p><p>BUSN 188 - Business Calculations</p><p> </p><p>This course introduces various quantitative computational procedures used in accounting and finance such as present and future value concepts, payroll, inventory, and international currency exchange rates. Utilization of the electronic 10-key pad as a tool for calculating will be stressed. </p><p> </p>
ZTB1890	BUSN 189	1 No	Basic Elective	EARLY COLLEGE	<p>Running Start: Kauai Community College</p><p>BUSN 189- Business Mathematics</p><p> </p><p>This course introduces various accounting and finance computational procedures utilizing various electronic calculating tools. Students will survey concepts in algebra, logical structure, numeration systems, and statistics. Students will also develop critical thinking skills in making personal and business decisions. </p><p> </p>
ZTB2010	ACC 201	1 No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **<p>Running Start: UH Manoa ACC 201 - Introduction to Financial Accounting Introduction to financial accounting and methods used to record and report financial information to decision makers external to the firm. Use and limitations of financial reports.</p>
ZTB2020	ACC 202	1 No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **<p>Running Start: University of Hawaii - Manoa ACC 202 - Introduction to Management Accounting Introduction to managerial accounting and methods used to report information to decision makers internal to the firm. Cost accounting, budgeting, standard cost systems, reporting and analyzing performance.</p>
ZTB2132	ACC 132	1 No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTB2134	ACC 134	1 No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTB2520	ACC 252	1 No	Basic Elective	EARLY COLLEGE	<p>Running Start: Kauai Community College</p><p>ACC 252 - Using QuickBooks in Accounting</p><p> </p><p>This course provides a "hands-on" approach to computerized accounting using QuickBooks. Students will apply previously acquired accounting skills and knowledge in a computerized environment to set up and maintain accounting records. An emphasis will be placed on the application of QuickBooks to the accounting cycle. </p><p> </p>

ZTB3000	BUS 300	1	No	Basic Elective	EARLY COLLEGE	<p>*** Reference specific Community College within the University of Hawaii system for information on this course **</p><p>Running Start UH West Oahu BUS 300 Principles of Marketing: Examines the revolution in marketing. Applies the fundamental principles of successful marketing including segmentation, targeting, product development, positioning, packaging, placement, pricing, promotion, service, and relationship-building to the development of marketing plans. </p>
ZTB3150	BUS 150	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTB4120	MGT 120	1	No	Basic Elective	EARLY COLLEGE	<p>*** Reference specific Community College within the University of Hawaii system for information on this course **</p><p>Running Start: Kauai Community College MGT 120 Principles of Management. This course introduces the functions of management from an organizational viewpoint: planning, organizing, directing, and controlling. Contemporary studies that relate to communication, motivation, leadership styles, and decision making will be included. </p>
ZTB4121	MGT 121	1	No	Basic Elective	EARLY COLLEGE	<p>Running Start: Leeward Community College</p><p>MGT - Customer Service</p><p> </p><p>Builds and maintains the critical skills and understanding necessary to be a dynamic and successful member of today's rapidly-growing service economy. Individuals who work with customers will gain insight into customer behavior and attitudes and develop strategies to create positive customer relationships encountered in various situations on the job. </p>
ZTB4124	MGT 124	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTB6120	MKT 120	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Hawaii Community College MKT 120- Principles of Marketing Introduction to marketing concepts and the application to the process of marketing products, services, and ideas to provide value and benefits to both for-profit and non-profit organizations. Students will develop and understanding of the marketing process, analyze marketing opportunities, and develop strategies to fulfill the needs of target markets.
ZTB6150	MKT 150	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTD1172	HOST 101	1	No	Specialized Elective	EARLY COLLEGE	<p><See LCC Course Description Guide under "Hospitality and Tourism" for a Description of this Course></p><p> </p><p>This course is equivalent to TPU7510 - Introduction to Hospitality & Tourism.</p>
ZTG0100	ICS 100	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Windward Community College ICS 100 %ŪŪ Computing Literacy and Application This course is an introduction to information technology. Upon completion of the course, the student should be able to: Describe the process of changing data into information; Identify the benefits of being computing literate and how computing competency will affect their future; Describe how computers have affected society; Discuss computer ethnics; Demonstrate an understanding of computer terminology; Identify hardware components; Identify and describe a variety of software programs; Produce word processing, spreadsheet and database documents; Manipulate graphical objects in the above; Demonstrate an understanding of online and multimedia communication; Manage assignments using the Word Wide Web and the Internet.
ZTG1100	HSER100	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** HSER 100 Self Exploration This group process course provides an opportunity for student exploration of personal values, attitudes and the development toward goals to attain greater insight and understanding of self and others. The students will be encouraged to identify and assess personal characteristics that are hampering their growth and a method for developing a personal action plan. Critical self-reflection and analysis within a life stage model of development will occur over the course of the semester. The focus will be on reflectively relating oneself to selected course topics to increase self and other awareness. It may specifically support the development of people interested in entering human services, and one of the helping professions, or other disciplines such as education, justice, or nursing, etc.
ZTG4200	HLTH 125	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: UH Maui College HLTH 125 %ŪŪ Survey of Medical Terminology Surveys medical terminology including: prefixes, suffixes, and word roots; pronunciation, spelling and definition of selected medical words dealing with all human body systems; commonly used abbreviations; and use of the medical dictionary.
ZTG7070	FAMR 230	1	No	Basic Elective	EARLY COLLEGE	**Reference specific Community College within the University of Hawaii system for information on this course** University of Hawaii campus: West Hawaii Community College FamR 230: Human Development Concepts, issues, theories of human growth and development from conception to death. Focus on the interrelation of physical, cognitive, and psychosocial development of the individual throughout the life span.
ZTH1010	PUBA 101	1	No	Basic Elective	EARLY COLLEGE	<p>Running Start UH West Oahu - PUBA 101 Introduction to Health Care Administration</p><p> </p><p>This course introduces students to the fundamentals of health care administration and the U.S. health care system. Important topics such as the provision of health care, financing, delivery and resources are discussed in a wide variety of health care settings, ranging from hospitals to nursing homes to ambulatory care center. The various roles of health care providers and administrators are also described. </p>
ZTH1100	HLTH 110	1	No	Basic Elective	EARLY COLLEGE	HLTH 110- Medical Terminology Running Start: Leeward Community College Medical Terminology includes pronunciation, spelling and definition of medical terms pertaining to all systems of the body and supplementary terms applicable to specify areas of medicine, selected paramedical fields, medical assisting and coding. Emphasis is on increasing professional vocabulary and proficiency in spelling and medical terms.
ZTH1170	HLTH 117	1	No	Basic Elective	EARLY COLLEGE	<p>Running Start: University of Hawaii West Oahu</p><p> </p><p>HLTH 117 - Survey of Health Professions</p><p> </p><p>This course will explore the health profession from many different perspectives, including health professionals, health science, behavioral health, health organizations, certification, and licensure, community and patient experience. The concept of professionalism and transdisciplinary teamwork will be introduced from the beginning of the course. Starting with the history and organization of the various entities that provide healthcare, the health policy concept of the "Iron Triangle" (Access, Cost, and Quality) will be utilized as a framework for analysis throughout. Past, present and future demographic trends will be discussed to explain the shortage of healthcare workers and the proposed solutions. There will be site visits to various organizations that provide healthcare. Finally, current healthcare professionals, nurses and health science staff from different disciplines will provide guest presentations about the responsibilities, training requirements and share a typical day related to their specific job positions and will "talk story" about their journey of how they got to where they are today. </p>
ZTH1230	HLTH 123	1	No	Supplementary Elective	EARLY COLLEGE	<p>Running Start UH West Oahu HLTH 123 Introduction to Clinical Skills and Patient Care</p><p> </p><p>This course examines the healthcare system from a historical, community and workforce perspective. OSHA and HIPPA training will be offered. Basic skills in first aid, CPR and patient care will be covered and practiced. </p>

ZTH1400	HLTH 140	1	No	Basic Elective	EARLY COLLEGE	**Reference specific Community College within the University of Hawaii system for information on this course** HLTH 140: Introduction to Human Body Systems and Related Medical Terminology This course provides students with an introduction to the medical terminology related to human body systems. Normal anatomy and function, pathology, and related medical tests and procedures will also be explored. University of Hawaii campus: Kauai Community College
ZTH1050	ICS 105	1	No	Basic Elective	EARLY COLLEGE	<p>Running Start: Windward Community College</p><p>ICS 105- Introduction to Computing Skills</p><p> </p><p>In this introductory computing course, students will learn basic file management, digital communication, word processing, and presentation software. Students will explore various computing systems and terminology. This course is recommended for students inexperienced in computing. </p>
ZTH1105	ICS 110	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Leeward Community College ICS 110 Introduction to Programming A practical introduction to the theory of stored program digital computers. Students are taught flowcharting, documentation techniques and the use of a programming language to solve various scientific and business-oriented problems. The emphasis is on basic concepts and functional characteristics in the design and development of computer programs. Formerly ICS 130
ZTH1111	ICS 111	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Leeward Community College ICS 111- Introduction to Computer Science An overview of the fundamentals of computer science emphasizing problem solving, algorithm development, implementation, and debugging/testing using an object-oriented programming language.
ZTH1113	ICS 113	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Leeward Community College ICS 113- Database Fundamentals This course covers the fundamental concepts in database technology, including storage structures, access methods, recovery, concurrency and integrity. The relational model and its implementation will be covered in depth together with an overview of database administration, including modeling and design activities. A substantial part of the course involves the development of an understanding of database concepts.
ZTH1141	ICS 141	1	No	Specialized Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course ** </p><p> </p><p>Running Start: Leeward Community College ICS 141- Discrete Mathematics for Computer Science Includes logic, sets, functions, matrices, algorithmic concepts, mathematical reasoning, recursion, counting techniques, probability theory.</p>
ZTH1170	ICS 170	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Leeward Community College ICS 170- Ethics for the Digital World An overview of ethical issues and regulations in the digital world related to networked communications, intellectual property, privacy, computer and network security, computer reliability, and workplace issues.
ZTH1171	ICS 171	1	No	Basic Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course **</p><p>Running Start: </p><p>Windward Community College ICS 171 Introduction to Computer Security. </p><p>Examines the essentials of computer security, including risk management, the use of encryption, activity monitoring, intrusion detection; and the creation and implementation of security policies and procedures to aid in security administration. </p>
ZTH1184	ICS 184	1	No	Basic Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course **</p><p>Running Start: Windward Community College ICS 184 Introduction to Networking. </p><p>This course provides the student with the knowledge and skills to manage, maintain, troubleshoot, install, operate and configure basic network infrastructure, as well as to describe networking technologies, basic design principles and adhere to wiring standards and use testing tools. </p><p>The course also introduces the student to network security concepts. </p>
ZTI2110	ICS 211	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** ICS 211-Introduction to Computer Science II Reinforce and strengthen problem-solving skills using abstract data types and introduce software development practices. Emphasize the use of searching and sorting algorithms and their complexity, recursion, object-oriented programming, and data structures.
ZTI2120	ICS 212	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** ICS-Program Structure Program organization paradigms, programming environments, implementation of a module from specifications, the C and C++ programming languages.
ZTI2281	ICS 281	1	No	Basic Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course **</p><p>Running Start: </p><p>Windward Community College ICS 281 Ethical Hacking. </p><p>This course covers basic ethical hacking techniques also known as white hat hacking. </p><p>It stresses the moral and legal issues about hacking and how these techniques can be used to defend against attacks as well as to perform authorized system security evaluation testing. </p>
ZTI2282	ICS 282	1	No	Basic Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course **</p><p>Running Start: </p><p>Windward Community College ICS 282 Computer Forensics. </p><p>This course covers basic computer forensics including operating system diagnostics, the use of forensic toolkits to examine and validate computer activity and techniques for the proper collection, examination and preservation of forensic evidence. </p>
ZTN1020	AG 102	1	No	Basic Elective	EARLY COLLEGE	<p>Running Start: Kauai Community College</p><p>AG 102- Orientation to Hawaii Agriculture Industry</p><p> </p><p>This course familiarizes students with different agricultural operations/systems in Hawaii through lecture, research, student presentations, guest speakers and/or field trips.</p>
ZTN1122	AG 122	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTN1174	AG 174	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTN1200	AG 120	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start - Windward Community College AG 120 - Plant Science The study of plant science, morphology, anatomy, physiology classification, growth, growth regulators, and propagation.
ZTN1410	PBT 141	1	No	Basic Elective	EARLY COLLEGE	<p>Running Start: Kauai Community College</p><p>PBT 141 - Integrated Pest Management </p><p> </p><p>This course includes an introduction to the principles involved in the control of plant pests including diseases, insects, mites, nematodes, and weeds. Various methods of controlling pests, including the correct method of selecting and applying pesticides will be covered. A presentation on one example of Integrated Pest Management will be required. </p></p>

ZTN1520	AG 152	1	No	Basic Elective	EARLY COLLEGE	<p>Running Start: Windward Community College</p><p>AG 152- Orchid Culture</p><p> </p><p>An extensive study of orchid identification, breeding, growth and tissue culture. Students are required to develop and present a research project and participate in an orchid society event. </p>
ZTN2141	AG 141	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTN2157	AG 157	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTN2175	AG 175	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start - Hawaii Community College AG 175 - Agroforestry Designed for students in Forest TEAM and related careers. Methods of designing mixed forestry and agricultural systems combining long-term tree crops with understory plants. Topics include choosing the combination of trees and understory plants for growth characteristics, climate zone, substrate, slope and economic goals; planting methods using nitrogen fixing plants and mulch crops to build a healthy soil ecosystem; methods of reducing soil erosion; incorporating native plants and medicinal plants; plant propagation; and use of shade and mulch to reduce weed problems.
ZTN2176	AG 175LAB	0	No	General non-credit	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start - Hawaii Community College AG 175L - Agroforestry Lab Designed for students in Forest TEAM and related careers. Laboratory to accompany Ag 175, Agroforestry. Field excursions in methods of designing mixed forestry and agricultural systems combining long-term tree crops with understory plants. Topics include choosing the combination of trees and understory plants for growth characteristics, climate zone, substrate, slope and economic goals; planting methods using nitrogen fixing plants and mulch crops to build a healthy soil ecosystem; methods of reducing soil erosion; incorporating native plants and medicinal plants; plant propagation; and use of shade and mulch to reduce weed problems.
ZTN2640	AG 264	1	No	Basic Elective	EARLY COLLEGE	<p>Running Start: Kauai Community College</p><p>AG 264- Plant Propagation</p><p>This is an introductory course in the principles and practices of plant propagation. This course will focus on: (i) theoretical and applied aspects of sexual and asexual reproduction of plants and (ii) propagation of selected plants by seed, cuttings, and grafting layering, and micropropagation/tissue culture. </p>
ZTP0110	ECED 110	1	No	Basic Elective	EARLY COLLEGE	<p>Running Start: Kauai Community College</p><p>ECED 110- Developmentally Appropriate Practices</p><p> </p><p>This course provides an overview and basic awareness, knowledge, and skills necessary for working with children from birth to age eight, including those with special needs. It also introduces concepts of developmentally appropriate practices, the value of play, safe and healthy learning environments and appropriate child guidance.</p>
ZTP1000	HOST 100	1	No	Basic Elective	EARLY COLLEGE	<p>Running Start: Kauai Community College</p><p>HOST 100 - Career and Customer Service Skills</p><p> </p><p>This course builds and maintains the critical skills and understanding necessary to be a dynamic and successful member of today's rapidly-growing service economy. Individuals who work with customers will gain insight into customs behavior and attitudes. Students will develop strategies and skills necessary to create positive relationships encountered in various career situations. </p>
ZTP1010	UNIV 101	1	No	Supplementary Elective	EARLY COLLEGE	<p>Running Start UH Hilo</p><p>UNIV 101 Paths to Acad/Lifelong Success</p><p> </p><p>Designed for the first time college student, this course is intended to promote the attitudes, behaviors, competencies, and skills that will increase students' academic success and foster their social integration into the college environment. </p>
ZTP1011	AJ 101	1	No	Supplementary Elective	EARLY COLLEGE	<p>AJ 101 - Intro Admin Justice: Univ of Hawaii Maui College</p><p>Examines history and philosophy of the administration of justice in United States with overview of major sub-systems with the criminal justice system: law enforcement, courts, and corrections. Examines expectations and interrelationships of officials, theories of crime, punishment, and rehabilitation. Surveys career opportunities. </p>
ZTP1050	ECED 105	1	No	Basic Elective	EARLY COLLEGE	<p>Running Start: Kauai Community College</p><p>ECED 105 - Introduction to Early Childhood Education </p><p> </p><p>This course introduces and explores the historical roots and fundamental principles of early childhood care and education programs, the variety and scope of programs in the community, issues confronting the field, and career options. Students learn about and practice using observation and assessment tools to record children's growth and learning. </p>
ZTP1100	HSER 110	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Hilo Community College HSER 110 - Intro to Human Services An overview of the field of Human Services including history, present and future perspectives, strategies of intervention, organization and delivery of services, issues and requirements for service givers, and kinds of employment. Also, the course surveys selected human services agencies available within the local community (principally Hilo)
ZTP1101	HOST 101	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Kauai Community College HOST 101 - Introduction to Hospitality and Tourism This course builds and maintains the critical skills and understanding necessary to be a dynamic and successful member of today's rapidly-growing service economy. Individuals who work with customers will gain insight into customer service behavior and attitudes and develop strategies to create positive customer relationships encountered in various job situations. Students will gain an understanding of Hawaii's travel industry and the strategies and skills related to career success and customer satisfaction in the hospitality industry.
ZTP1111	CULN 111	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Leeward Community College CULN 111: Introduction to the Culinary Industry Provides an overview of the culinary industry within the aspects of the entire hospitality industry. It provides students with an introduction to the historical, social, and cultural forces that have affected and shaped the industry of today. Students will identify job qualifications and opportunities, professional standards, communication skills, and attitudes essential for successful workers in the industry.
ZTP1122	ANTH 122	1	No	Supplementary Elective	EARLY COLLEGE	<p>RUNNING START</p><p>University of Hawa'i West O'ahu</p><p>ANTH 122 Introduction to Sustainability and the Travel Industry in Hawaii</p><p> </p><p>In both a local and larger global context, we will examine the current trends in the travel industry, as well as its future for understanding the importance of sustainability. Students will explore the economic, environmental political, cultural and societal components of sustainable tourism. There will be offsite visits in which students experience and learn from local practitioners promoting sustainability and authenticity in the tourism industry. Both off site hosts and speakers will share about both successes and challenges they encounter as well as logistical aspects of the industry.</p><p> </p>
ZTP1152	HOST 152	1	No	Basic Elective	EARLY COLLEGE	<p>Running Start: Leeward Community College</p><p>HOST 152 - Front Office Operations</p><p> </p><p>Study of philosophy, theory, equipment, and current operating procedures of a hotel front office, concentrating on development of human relation skills necessary for effective guest and employee relations and the technical skills necessary to operate a manual and computerized front office operation. </p>

ZTP1154	HOST 154	1	No	Basic Elective	EARLY COLLEGE	<p><p>Running Start: Leeward Community College</p><p>HOST 154 - Food and Beverage Operations</p>
<p>An introduction to the principles of marketing, menu planning, service styles,&nbsp;nutrition, sanitation and safety, purchasing and control systems as they apply to food and beverage management in an operational setting. The class includes the study and practical application of food and beverage management techniques to effectively manage resources: money, personnel, food and beverage products, at time.</p></p>
ZTP1168	HOST 168	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTP1170	HOST 170	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTP1171	HOST 171	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTP1200	EDUC/SCFS 120	1	No	Basic Elective	EARLY COLLEGE	<p><p>** Reference specific Community College within the University of Hawaii system for information on this course **</p><p>Running Start: University of Hawaii West Oahu EDUC/SCFS&nbsp;120- Aina/Place-Based Education</p><p>This course provides strategies and skills for effectively conceptualizing, planning, and implementing 'Aina, place and community-based education with a focus on sustainability and environmental stewardship. Using participatory action research (PAR), students will research and plan a community-based education project that links the university and local community. Through project development, research and course readings and assignments students will enhance academic writing and oral communication while developing project management and leadership skills.</p></p>
ZTP1310	ECED 131	1	No	Basic Elective	EARLY COLLEGE	<p><p>Running Start: Kauai Community College</p><p>ECED 131 - Child Development: Theory Into Practice</p>
<p>This course covers principles of human development from conception through early childhood. It focuses on the interrelation of physical, cognitive, emotional, and social aspects of the individual during this period and how this information about development affects one's expectations and relationship to the individual child.&nbsp;</p></p>
ZTP2101	LAW 101	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTP2102	LAW 102	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTP2111	LAW 111	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTP2121	LAW 121	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTP2136	LAW 136	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTP2140	LAW 140	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTP2146	LAW 146	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTP2156	LAW 156	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTP2171	LAW 171	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTP2176	LAW 176	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTP2208	AJ 208	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** <p>Running Start: Hawaii Community College, Hilo AJ 208: Criminology Explores crime and the body of knowledge regarding it as a social phenomenon. An emphasis is placed on the analysis of crime, crime causation, crime variables, impact on society, and societal reactions to crime.</p>
ZTP3102	FIRE 102	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTP3103	FIRE 103	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTP3107	FIRE 107	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTP3111	FIRE 111	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTP3115	FIRE 115	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTP3123	FIRE 123	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTP3126	FIRE 126	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTP3150	FIRE 150	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTP3152	FIRE 152	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZTP4112	CULN 112	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** <p>Running Start: Leeward Community College CULN 112 Sanitation and Safety This course introduces students to the fundamentals of food safety in the food service industry. Course content includes the study of food borne illnesses, the micro world, contamination, the flow of food through a food service operation including purchasing and receiving, storage, preparation and service, sanitary facilities, cleaning and sanitizing principles and pest management. Emphasis on the Hazard Analysis Critical Control Point (HACCP) food safety system. Successful completion of this course will result in ServSafe certification from the National Restaurant Educational Foundation.</p>
ZTP4120	CULN 115	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** <p>CULN 115 Menu Planning and Merchandising This course is a study of the factors involved in planning effective menus for a variety of food service operations. Course content includes basic menu planning principles, layout and design, factors that impact menu items selection, menu pricing, menu sales performance and mix analysis, and menu planning resources.</p>
ZTP5100	MSL 100	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **

ZTP6100	ED 100	1	No	Basic Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Leeward Community College ED 100 Introduction to Education and Teaching ED 100 is an introductory course where students will learn about the teaching profession, the professional teacher, and the learner. The roles and responsibilities of the educator and the educational system in Hawaii will be examined. Students will also learn about diverse learners and learning styles and theories. Creating a positive learning environment, managing classrooms effectively, and developing and conducting standards-based lesson plans will be covered. Students will also explore various careers in education. Changed to 5-point scale: 11/16/16
ZVH2510	COM 251	1	No	Specialized Elective	EARLY COLLEGE	<p>**Reference specific Community College within the University of Hawaii system for information on this course** </p><p>Running Start: University of Hawaii %ŪN Hilo COM 251 Public Speaking: Analysis, preparation and delivery of speeches. </p>
ZWA2010	JPNS 201	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Kapiolani Community College JPNS 201 - Intermediate Japanese I JPNS 201 is the first half of an intermediate course on spoken and written Japanese. It is designed to reinforce the fundamentals of the Japanese language skills introduced in the elementary level. It also aims at developing the functional ability to communicate in Japanese beyond the survival level.
ZWA2020	JPNS 202	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Kauai Community College JPNS 202 - Intermediate Japanese II This is the second semester of an intermediate course in spoken and written Japanese. The laboratory is part of the class.
ZWA9010	JPNS 101	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZWA9020	JPNS 102	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Kapiolani Community College JPNS 201 %ŪN Intermediate Japanese I JPNS 201 is the first half of an intermediate course on spoken and written Japanese. It is designed to reinforce the fundamentals of the Japanese language skills introduced in the elementary level. It also aims at developing the functional ability to communicate in Japanese beyond the survival level.
ZWC1000	CHNS 100	1	No	Specialized Elective	EARLY COLLEGE	<p>Running Start: University of Hawaii - West Oahu</p><p>CHNS 100 - Chinese Culture and Conversation for Beginners </p><p>This course is designed to introduce the Mandarin language and Chinese culture and arts in an environment that fosters the interest and accessibility of the language and culture. It is designed to welcome students, without the pressure of focusing on difficult characters or grammar, and generate the desire to learn more about Modern China through practical language applications and an appreciation for classical and modern Chinese art forms. Whether students continue on to Chinese 101 or use this class to explore the language and culture through their own studies, this class will offer a practical foundation. </p>
ZWC1010	CHNS 101	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course. ** Running Start: University of Hawaii - Hilo CHNS 101- Elementary Chinese I Development of listening, speaking, reading and writing Mandarin Chinese. Structural points introduced inductively. Laboratory drill.
ZWF2010	FR 201	1	No	Specialized Elective	EARLY COLLEGE	<p>RUNNING START UH MANOA FR 201: INTERMEDIATE FRENCH</p><p> </p><p>Reading, conversation, laboratory drill, composition. </p>
ZWF2020	FR 202	1	No	Specialized Elective	EARLY COLLEGE	<p>RUNNING START UH MANOA FR 202: INTERMEDIATE FRENCH</p><p> </p><p>Continuation of 201 </p>
ZWF9010	FR 101	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZWF9020	FR 102	1	No	Specialized Elective	EARLY COLLEGE	** Reference specific Community College within the University of Hawaii system for information on this course **
ZWH1330	KHAW 133	1	No	Specialized Elective	EARLY COLLEGE	<p>Running Start UH Hilo - KHAW 133 First Lvl Hawn for Speakers</p><p>Focus on strengthening skills in language analysis, vocabulary development, and writing at a university level Hawaiian. This course is designed primarily for students educated through the medium of Hawaiian, first language speakers of Hawaiians and native speakers. </p>
ZWH1510	KHIS 151	1	No	Specialized Elective	EARLY COLLEGE	<p>Running Start UH Hilo - KHIS 151 Moaukala Ao Pae I</p><p>Taught through the medium of Hawaiian language. A study of the history of humanity upon the face of the earth from initial beginnings until the spread of Europeans into the lands of indigenous peoples. A study of the breadth of that history focusing on aspects that have being integrated into contemporary living Native Hawaiian culture and identity as well as those areas with parallels in the specific history of Hawaii. Students learn to develop a historical perspective and research skills using primary resources. </p>
ZWH1940	KHWS 194	1	No	Specialized Elective	EARLY COLLEGE	<p>RUNNING START UH HILO KHWS 194: KALAI'IKEPILIHILU STATISTICS</p><p> </p><p>He papa ho'olauna keia i ke a'o kala'i'ikepilihelu me kona mau ka'akalai ma loko o ke kaia'olelo Hawai'i me kona paepae mo'omeheu a mo'aukala Hawai'i. E nana 'ia ana na kumuhana ma'amau o ke kala'i'ikepilihelu e like me na ana pili waena a waena 'ole (measures of central tendency and dispersion); ka wae'ano hualau (classification of variables); na ki'ina 'ohi hapana (sampling techniques); ka pahiki mua (elementary probability); na pahiki ili haiakonu (normal probability distributions); na ho'ike kuhiakau (tests of hypothesis); na laina ho'i hope (linear regression); a me na ka'akalai ho'omakalaka polokalamu (correlation to solve programs). </p><p> </p>
ZWH2330	KHAW 233	1	No	Specialized Elective	EARLY COLLEGE	<p>Running Start UH Hilo - KHAW 233 Second Lvl Hawn for Speakers</p><p>Continuation of HAW 133 </p>
ZWH3810	KHWS 381E	1	No	Specialized Elective	EARLY COLLEGE	<p>RUNNING START UH HILO KHWS 381E: KA NOHONA KAULANA MAHINA</p><p> </p><p>Examine traditional Hawaiian relationships relative to temporal and spatial time. (A) Ha'ulelau (E) Kupulau. Instruction through the medium of Hawaiian. Pre: KHAW 204 or equivalent which, with permission, may be taken concurrently. </p>
ZWH3940	KLIN 394	1	No	Specialized Elective	EARLY COLLEGE	<p>RUNNING START UH HILO KLIN 394: HO'OLA OLELO KAU'AINA</p><p> </p><p>Study of a diverse sampling of locations and peoples of the world participating in language revitalization with attention to differences in language status, in political, economic and education systems and in language revitalization strategies. </p><p> </p><p> </p>
ZWH4650	KHWS 465	1	No	Specialized Elective	EARLY COLLEGE	<p>RUNNING START UH HILO KHWS 465: HA'IOLELO KU'UNA</p><p> </p><p> </p><p>This course will develop a foundational understanding and practice in classical Hawaiian speech making. Through the Kumu Honua Maui Ola Philosophy of Hawaiian Being, this course will focus on reading comprehension of classical Hawaiian literature, mainly to analyze ethno-literary devices and lexical items. Pre: KHAW 403 or equivalent, may be taken concurrently with permission. Same as HWST 465.</p>

ZXA1051	IS 105C	1 No	Basic Elective	EARLY COLLEGE	<p><p>Running Start: Windward Community College</p><p>IS 105C: Professional Employment Preparation</p>
<p>Facilitates employment search by emphasizing professional techniques and standards in the preparation of application forms, resumes, cover letters, and employment interviews.</p><p>Student Learning Outcomes</p><p>Upon completion of the course the student will be able to:</p><p>-Integrate job interview preparation techniques into a live interview.</p><p>-Utilize resources needed to find a job.</p><p>- Assemble a career portfolio for ongoing career development.</p></p>
ZXA1100	LSK 110	1 No	Basic Elective	EARLY COLLEGE	<p><p>LSK 110- College Success Strategies</p><p>Running Start: Leeward Community College</p><p>This course will acquaint students with the college and its services, prepare students for success in all college courses, and help students begin to explore career options. Students will (1) focus on learning and study skills, critical thinking basic computer skills, and presentation skills while reinforcing reading, writing, and math skills; (2) learn to improve their ability to recall both spoken and written materials (memory and concentration skills), visualize concepts, control their anxieties in high stress situations such as during public speaking and test taking (relaxation techniques), and develop a positive image of themselves as effective learners; (3) engage in a service learning project or other independent project; and (4) learn to understand their own cultural and personal learning styles to blend those with learning techniques expected of college students.</p><p>LSK 110- College Learning Skills</p><p>Running Start: UH- Maui</p><p>Enhances students' abilities to succeed academically. Investigates communication and organizational skills, methods of inquiry, creative thinking skills, cognitive learning styles, and academic and community resources.</p>
</p></p>
ZXA2101	IS 101	1 No	Specialized Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course ** University of Hawaii- Hawaii Community College IS 101- Building Bridges to Self, College, and the Community This course builds the academic, technological, social, and personal skills needed to succeed in college and the work world, including goal setting and teamwork. Self reflection and community engagement support the development of problem solving, critical thinking, stress management, and global understanding skills. Course builds a foundation for any first year student to succeed in the college environment as well as explore applications to social science disciplines including psychology, sociology and political science which underpin personal and social change.</p>
ZXA2120	HSER 141	1 No	Specialized Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Hawaii Community College HSER 141
Introduction to Hooponopono This is an experimental course that focuses on counseling and resolving conflict among families, individuals and other groups using Hawaiian cultural methods of Hooponopono (family) and Hookuu Ka Hewa (individuals and other groups). Students will examine Hawaiian historical foundations, spiritual principals, values and beliefs, protocol and rituals; ancient and modern processes; and levels of involvement and responsibility among participants.</p>
ZXA3103	IS 103	1 No	Basic Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Windward Community College IS: 103 Introduction to College This course offers strategies for success in college and life-long learning. It emphasizes understanding yourself, setting and attaining goals, critical thinking, effective communication, relationship building, study habits and skills, time management, college resources, assignments, group activities, and hands-on experiences.</p>
ZXE0185	FSHN 185	1 No	Specialized Elective	EARLY COLLEGE	<p>** Reference specific Community College within the University of Hawaii system for information on this course ** Running Start: Hawaii Community College FSHN 185
Nutrition Biological concepts that form scientific framework of human nutrition; study of characteristics of major nutrient groups and relationship to diet and health.</p>
ZXF0100	SCFS 198B	1 No	Specialized Elective	EARLY COLLEGE	<p><p>SCFS 198B Ahupua'a: Intro to Hawn Nat Res Mngmt from Mountain to Sea, offered at UH West Oahu.</p></p>
ZXH1400	HWST 140	1 No	Basic Elective	EARLY COLLEGE	<p><p>RUNNING START Windard Community College HWST 140 MAHI AI I - Hawaiian Taro Culture</p><p>Course covers the history, lore, and geographically specific methods of mahi ai.
Emphasis on the cultivation of kalo and related staple foods.</p></p>
CDI5100	DIR STDY-SOCIAL STDY	0.5 Yes	Specialized Elective	SOCIAL STUDIES	<p>This course is for students who have met all of the content standards in Social Studies. It calls for students to plan, implement, and evaluate a self-directed inquiry in one or more of the Social Studies disciplines. Students should be under the guidance of a teacher and may also work with a community mentor.</p>
LLH1013	ENG LA 1 LAB A	0.5 Yes	Supplementary Elective	ENGLISH LANGUAGE ARTS	<p>This course supports students who are enrolled in the first semester of LCY1010. It provides additional instruction and support, where needed, to help students achieve the standards for the three strands of the language arts: reading, writing, and oral communication. Instruction will be differentiated as appropriate for the needs of the students enrolled. There is an emphasis on the processes involved in the language arts strands with a focus on scaffolded practice with increasingly sophisticated materials. Whole-class lessons, mini-lessons, and individualized instruction will be incorporated as indicated by the teacher's diagnosis of needs. The goal is for students to produce work and performances that are evidence of meeting the benchmarks for LCY1010. This course is repeatable.</p>
LLH1014	ENG LA 1 LAB B	0.5 Yes	Supplementary Elective	ENGLISH LANGUAGE ARTS	<p>This course supports students who are enrolled in the second semester of LCY1010. It provides additional instruction and support, where needed, to help students achieve the standards for the three strands of the language arts: reading, writing, and oral communication. Instruction will be differentiated as appropriate for the needs of the students enrolled. There is an emphasis on the processes involved in the language arts strands with a focus on scaffolded practice with increasingly sophisticated materials. Whole-class lessons, mini-lessons, and individualized instruction will be incorporated as indicated by the teacher's diagnosis of needs. The goal is for students to produce work and performances that are evidence of meeting the benchmarks for LCY1010. This course is repeatable.</p>
LLH2013	ENG LA 2 LAB A	0.5 Yes	Supplementary Elective	ENGLISH LANGUAGE ARTS	<p>This course supports students who are enrolled in the first semester of LCY2010. It provides additional instruction and support, where needed, to help students achieve the standards for the three strands of the language arts: reading, writing, and oral communication. Instruction will be differentiated as appropriate for the needs of the students enrolled. There is an emphasis on the processes involved in the language arts strands with a focus on scaffolded practice with increasingly sophisticated materials. Whole-class lessons, mini-lessons, and individualized instruction will be incorporated as indicated by the teacher's diagnosis of needs. The goal is for students to produce work and performances that are evidence of meeting the benchmarks for LCY2010. This course is repeatable.</p>
LLH2014	ENG LA 2 LAB B	0.5 Yes	Supplementary Elective	ENGLISH LANGUAGE ARTS	<p>This course supports students who are enrolled in the second semester of LCY2010. It provides additional instruction and support, where needed, to help students achieve the standards for the three strands of the language arts: reading, writing, and oral communication. Instruction will be differentiated as appropriate for the needs of the students enrolled. There is an emphasis on the processes involved in the language arts strands with a focus on scaffolded practice with increasingly sophisticated materials. Whole-class lessons, mini-lessons, and individualized instruction will be incorporated as indicated by the teacher's diagnosis of needs. The goal is for students to produce work and performances that are evidence of meeting the benchmarks for LCY2010. This course is repeatable.</p>

XMT1025	VIDEO PROD TELEVISION 2	0.5 Yes	Specializ ed Elective	MULTIDISCIPLINA RY	This course emphasizes the production of longer, more complex programs in a variety of formats. Students are given the opportunity to take initiative in visualizing and planning the program, script writing, and storyboard production, and taping and editing. Critical viewing and analysis are also covered. This course is repeatable once for elective credit.
XTH4001	SCH SVC NON-CR	0 Yes	General non- credit	MULTIDISCIPLINA RY	The objective of this course is to provide service to the school in the library, office, health room, lunch room, and/or classroom, as well as tutorial and multi-media services. Under the supervision of an adult, students participate in servicing other students and the school. This may include keeping school files; cataloging and shelving books; learning to use the computer and multi-media equipment; assisting teachers, office staff, cafeteria personnel, and/or health aide; and tutoring other students. This is a non-credit course. This course has been modified to have unlimited repeat-ability effective SY 2015-16.