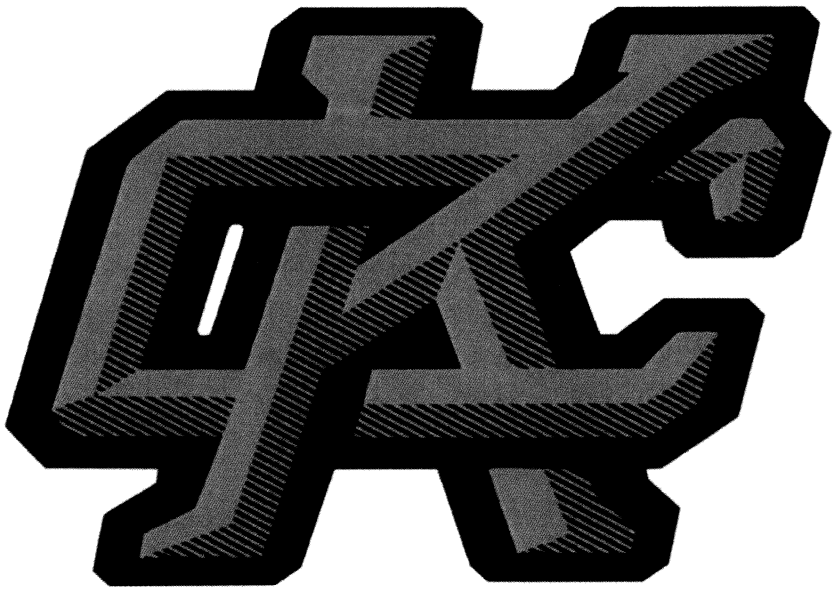

KALAMA HIGH SCHOOL
2019-2020 COURSE CATALOG
Juniors and Seniors

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Table of Contents

Graduation Requirements – Class of 2019 & 2020	Page 3
Graduation Requirements – Class of 2021 & Beyond	Page 4
Personalized Pathways and Internships at Kalama HS	Page 5
Typical 4 Year Schedule – Class of 2021 and beyond	Page 6
English	Page 7 - 9
Fine Arts	Page 10 - 11
World Language	Page 11
Math	Page 12 - 13
Physical Education	Page 13
Science	Page 14
Social Studies	Page 15 - 16
Career Technical Education	Page 17 - 18
Electives	Page 19
Online Classes	Page 19
Off Campus Choices	Page 19 – 21
Forecasting Sheet 2019-2020 Juniors	Page 22
Forecasting Sheet 2019-2020 Seniors	Page 23

Graduation Requirements – Class of 2020

KALAMA HIGH SCHOOL GRADUATION REQUIREMENTS

1. WA State High School Assessments

Students in the class of 2019 and beyond must pass SBAC, ELA, math and science NGSS assessments or complete the state's alternative option(s).

Students receiving special education services may access additional assessments.

2. High School and Beyond Plan

Started in late 8th grade, and revising them throughout high school, students will create their course plan for High School completion and explore career interests and post high school options, which include a job shadow, community service hours (6), and a mock interview.

2019 & 2020 are Core 22 credit diploma

3. Complete KHS specific 22 credits:

Math	3.0 Cr	(Alg I, Geometry, 3rd year of math)			
English	4.0 Cr	Science	3.0 Cr		
World His	1.0 Cr	US History	1.0 Cr	CWP	1.0 Cr
CTE + Fine Arts =	3.0 Cr				
Health	.5 Cr	Phy Ed	1.5 Cr	Electives	4.0 Cr

**Complete WA STATE HISTORY

*Please note that 4-year college-bound students are expected to have:

2.0 credits of a Foreign Language (same language)

Must take at least 3 core classes (CADR) each year

3.0 credits of Math that includes Algebra II

Quantitative math–based course required senior year unless

Pre-Calc was completed prior to senior year

Science should include algebra-based Chemistry

Graduation Requirements – Class of 2021 and beyond

KALAMA HIGH SCHOOL GRADUATION REQUIREMENTS

1. WA State High School Assessments

Students in the class of 2021 and Beyond must pass SBAC, ELA, math and science NGSS assessments or complete the state's alternative option(s).

Students receiving special education services may access additional assessments.

2. High School and Beyond Plan

Started in late 8th grade, and revising them throughout high school, students will create their course plan for High School completion and explore career interests and post high school options, which include a job shadow, community service hours (6), and a mock interview. Students will present their HS&B plan to their parents during their 9th and 11th grade Student Led Conference.

Starting in 2021 24 credits are required for graduation

3. Complete KHS specific 24 credits:

Math	3.0 Cr (Alg I, Geometry, 3rd year of math)
English	4.0 Cr
Science	3.0 Cr
Social Studies	3.0 Cr
CTE	1.0 Cr required 1.0 to 3.0 Cr available
Fine Arts	1.0 Cr required 1.0 to 3.0 Cr available
Health	.5 Cr
PE	1.5 Cr
World Language	0.0 to 2.0 Cr available – not required for graduation

**Complete WA STATE HISTORY

*Please note that 4-year college-bound students are expected to have:

2.0 credits of a Foreign Language (same language)

Must take at least 3 core classes (CADR) each year

3.0 credits of Math that includes Algebra II

Quantitative math–based course required senior year unless

Pre-Calc was completed prior to senior year

Science should include algebra-based Chemistry

Personalized Pathways and Internships at Kalama High School

Reflecting the changing work world, the **career pathways** focus at Kalama is one of the most important changes for high school students as well as a new graduation requirement. From the moment students enter Kalama High School, it is important that they realize they are preparing themselves to compete and succeed in a global economy. Students must understand the relevance of what they are learning today to what they will do tomorrow in the work world. Career pathways are tools to help them get where they want to go, to take the classes that are best for them.

Along with an emphasis on a strong academic program, the pathways give students the opportunity to explore specific career-related classes and activities. The new graduation requirements give students more flexibility to take the classes that are meaningful for them. You can take 0 to 2 credits of a world language, 1 to 3 credits of the arts and 1 to 3 credits of Career and Technical Education (CTE), which are classes such as computer programming or wood shop.

Career pathways help students focus on an area of interest. The chosen career pathway provides a structure for all students to develop a **career plan**, regardless of their desired level of education. This focused plan helps students select school courses, activities, and part-time employment. Students can see the relevance in their selected courses, thereby making school more meaningful for them. At Kalama we star by having this conversation and the creation of a high school plan in the 8th grade using our new career application tool called Xello.

Since each career pathway includes a variety of options and choices, they are applicable for *all* **s**tudents, whether they plan to go on to four-year colleges, community or technical colleges, or directly into apprenticeships or work. In addition to providing a basis for career awareness and exploration, all career pathways share the basic educational learning requirements and core competencies students need to be successful in any career.

Internships / work based learning are another option open to juniors and seniors. The areas for this next year are:

- Careers in Education – intern at Kalama Elementary or Middle School as a student mentor

- Careers in Healthcare – intern as a volunteer at a local hospital

- Careers in the Trades / Manufacturing – intern at a local business for a specific trade or at a manufacturing company.

- Local Based Companies – intern or obtain a paid position at a local company that is not listed above.

Typical 4 Year KHS Core Schedule Grad Year 2021 and forward

9th		10th	11th	12th	Total Credits
1)English 9		English 10 Honors 10	English 11 or AP Amer. Lit	English 12 or AP Lang or Natural Resources English	4
Earth		Biology	_____	_____ Chemistry, Robotics, integrated Science or Natural Resources*	3
3)	Algebra1	Geometry	Intro to Alg II or Alg 2 / Trig Pre-Calculus/Calculus	_____	3
4)	_____	World History AP World His	US History AP US History	CWP AP Gov	3
5)	Tech/PE	Health/PE	_____	_____	.5 Health 1.5 PE
6)	_____	_____	_____	_____	
	6 cr	12 cr	18 cr	24 cr	

PLUS! Fine Arts 1.0 – 3.0 CTE 1.0 – 3.0 World Language 0.00 – 2.00

Complete HS & Beyond Plan, Pass all sections of State Assessments, Complete WA State History

*4 yr College Bound Students Need: 2 Yr F Lang (same Language)

Science Classes must be lab based and include Chemistry

Math sequence s/b Algebra I, Geometry and Algebra II (include a 4th yr)

Each year must include minimum 3 core (CADR) including Senior Year

(Quantitative Math Base course is required senior year unless Pre-Calc is complete)

ENGLISH DEPARTMENT (4 credits required)

English 9 (English)
Grade level: 9th - Required
Prerequisites: None

Course Description: Students focus on note-taking skills, active reading, reading comprehension, vocabulary, grammar, essay content and organization, thesis writing, essays of argumentation, narratives, persuasive writing, journal writing, response writing, and research skills using a variety of technology and scientific literature. Students will prepare multimedia presentations and present research to peers and community members. Students will read a variety of forms and genres of literature, poetry, and nonfiction. The course will focus on close reading to understand the development of theme, characterization, author's use of form and technique and how to apply critical theories to the texts we study.

Foundations of English
Grade Level: 9th thru 12th grade
Teacher recommendation only

English 10 (English)
Grade level: 10th - Required
Prerequisites: English 9

Course Description: This is a one-year required course which focuses on writing, communication, and study skills. Among other things, students will learn to: Articulate, develop, and refine their original ideas through writing. Organize ideas into clear, concise, and credible compositions. Analyze literature, in part by identifying and examining the literary devices within. Contribute to class discussions about writing and literature.

Honors English 10 (English)
Grade level: 10th – Placement
Prerequisites: English 9 and Instructor Permission

Course Description: This is a one-year rigorous, AP-preparation course which teaches advanced writing techniques and style analysis. Through the study of literature – including, novels, short stories, essays and poetry - students will: Identify, examine, and evaluate a wide variety of rhetorical strategies. Apply effective strategies and devices to students' own writing, creating coherent, thoughtful, and mature compositions. Do extensive outside reading, writing, and research.

English 11 (English)
Grade level: 11th - Required
Prerequisites: English 10

Course Description: This is a one-year course which examines the literary heritage of the United States–from early writings to recent works. Among other things, students will: Consider the evolution of writing styles and devices. Analyze links between sociopolitical trends and literature. Continue the pursuit of thoughtful, coherent writing.

English 12 (English)
Grade Level: 12th – Required Prerequisites: English 11

Course Description: This course will focus on improving students' skills as writers, readers, and speakers. Together we will read, discuss, analyze, and write about literature. This course will build on the reading and writing techniques students have acquired in previous years as well as introduce additional types of literary analysis for poetry and fiction. Students will read a variety of forms and genres of literature, poetry, and nonfiction. The course will focus on close reading to understand the development of theme, characterization, author's use of form and technique and how to apply critical theories to the texts we study. Writing assignments will include in-class essays as well as formal process essays (narrative, expository, and compare/contrast) with several opportunities for revision. There will be ongoing assignments to increase vocabulary and grammar. Students will also learn to become more attentive listeners and more confident public speakers through a variety of group assignments both formal and informal presentations.

Natural Resources English 12 (English)
Grade Level: 11th or 12th Grade

Students focus on note-taking skills, active reading, reading comprehension, vocabulary, grammar, essay content and organization, thesis writing, essays of argumentation, narratives, persuasive writing, journal writing, response writing, and research skills using a variety of technology and scientific literature. Students will prepare multimedia presentations and present research to peers and community members. Students will read a variety of forms and genres of literature, poetry, and nonfiction from the Pacific Northwest as well as traditional literature and science texts. The course will focus on close reading to understand the development of theme, characterization, author's use of form and technique and how to apply critical theories to the texts we study.

AP stands for Advanced Placement: The National College Board guides the class and its curriculum. For additional information please see www.collegeboard for the link to each subject. These classes offer students the opportunity to take the AP exam in the spring. Colleges and Universities may award college credit for this course based on the student's score.
C in HS; Stands for CO - Upon successful completion of the college entrance test, student will be enrolled in college course.

College in the High School / AP English Literature and Composition (English)
Grade Level: 11th or 12th Grade
Prerequisites: a B or better in English 9th and 10th

Recommended: Completion of Honors English 10

Course Description: This course will follow the curricular requirements outlined by the College Board which focuses on building skills necessary for college-level reading and writing. The texts include works from a variety of time periods and genres, and the writing assignments include in-class essays as well as formal process essays with several opportunities for revision. This is considered a college-level course, which means that students will read and analyzes challenging, provocative, dense, and sometimes controversial material. The novels and plays read in this course are from the AP Reading List (The National College Board).

Students will work together and explore a variety of reading and writing strategies proven effective in preparing for success on the Advanced Placement English Literature exam. The course will focus on improving skill sets related to confidence and facility with language; skill in critical reading, writing, and thinking; and success in academic endeavors. All students are encouraged to take the AP Literature and Composition Exam in May.

This course includes using approaches that develop the skills needed to analyze and write about poetry, drama, fiction and non-fiction. This course will study rhetorical techniques as well build on the vocabulary of literary devices used to analyze poetry and fiction. We will concern ourselves with the construction of style analysis covered in the AP English Literature Examination, and with several other modes of writing. Discussion of the AP examination will include test materials and student exemplars from previous examinations. We will explore the multiple-choice section to develop close reading skills and literary terms and techniques. We will also look specifically at strategies to identify tone, and how to apply critical theories to the texts we study.

College in the High School / AP English Language and Composition (English)
Grade Level: 11th or 12th Grade
Prerequisites: a B or better in English 9th & 10th

Recommended: Completion of Honors English 10

Course Description: This course will follow the curricular requirements outlined by the College Board which focuses on building skills necessary for college-level reading and writing. The course focuses on helping students become skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Students will analyze the interactions among a writer's purposes, audience expectations, and subjects as well as the way conventions and the resources of language contribute to effectiveness in writing.

Students will have opportunities to write about a variety of subjects from a variety of disciplines and to demonstrate an awareness of audience and purpose. The overarching objective is to enable students to write effectively and confidently. Therefore, the course emphasizes the expository, analytical, and argumentative writing that forms the basis of academic and professional communication, as well as the personal and reflective writing that fosters the development of writing in any context. The course teaches students to read primary and secondary sources carefully, to synthesize material from these texts in their own compositions, and to cite sources using conventions recommended by professional organizations such as the Modern Language Association (MLA).

This course includes using approaches that develop skills to examine and write about rhetorical strategies and stylistic choices in prose, nonfiction, and fiction. The study of language itself, differences between oral and written discourse, formal and informal language, historical changes in speech and writing and differences in particular forms (argumentative, narrative, expository) will all be studied. Students will engage in varied writing tasks, including in-class essays as well as formal process essays with several opportunities for revision. Discussion of the AP examination will include test materials and student exemplars from previous examinations. In addition, students will explore the multiple-choice section to develop close reading skills and rhetorical terms and techniques. Students are encouraged to take the AP English Language and Composition Exam in May.

FINE ARTS DEPARTMENT

Band (Fine art or elective)
Grade level: 9-12
Prerequisites: Prior instrumental music experience or permission from instructor.

Course Description: An instrumental music class with increasing knowledge and technique in performing musical pieces. Students participate in focusing on both pep and concert bands and are required to attend all performances. Concert music covers a variety of styles and skill levels. **Students are required to attend all performances.**

Choir (Fine Art or elective)
Grade Level: 9-12
Prerequisites: none

Course Description: A vocal music class increasing knowledge and technique in performing musical pieces. Students work with all types of music, unison, 2 part, 3 part and 4 part harmonies. Solos are possible, yet not required and some small group work is required for grading purposes. Students are expected to participate and work to improve their own skills. **Students are required to attend all performances.**

Art I (Fine Art or elective)
Grade Level: 9 – 12

Course Description: This is a foundation course, meant to introduce you to the basic elements of art – value, color theory, special devices, line types, etc. Students will work with a variety of media, including tempera paint, graphite, watercolors, oil pastel, clay, glass, and plaster. Some reading and writing is including to aid in student understanding and appreciation of art history and its influence on our projects. No previous art classes are needed to take this course, only your imagination!

Art II (Fine Art or elective)
Grade Level 10 – 12
Prerequisite: Art I

Course Description: This class is a continuation of Art I, and you must have taken Art I to be in Art II. This class focuses more on the development of a personal style and more in depth instruction on certain mediums. Oil paints, acrylics, foam core, print making, stained glass, and textile work are among the projects you can look forward to. Art II students have more freedom of choice when it comes to style of assignment but have higher standards in terms of grading. Some reading and writing is including to aid in student understanding and appreciation of art history and its influence on our projects.

Publications (yearbook)
Grade level: 9-12
Prerequisites: none

Students will learn the basics of yearbook publication. They will use an electronic, web based program to create the school yearbook. Students will learn the basics of design layout, layout organization, production deadlines and ad sales.

Drama I (Fine Art or elective)
Grade Level: 9-12
Prerequisites: none

Course Description: This course provides students with a comprehensive exposure to the literary and performance components behind the Dramatic Arts. Students will study theatrical expression from its historical beginnings through numerous contemporary forms in a variety of genres. The students will use these works to analyze and interpret the literary and artistic characteristics of diverse theatre pieces throughout history. Students will be required to explore this broad range of theatrical and literary works through journaling, essay writing, research methods and stage performances.

Digital Music (Fine Art or elective)
Grade Level: 9-12
Prerequisites: none

Course Description: Course Description: A course that prepares individuals to apply technical knowledge and skills to the production of sound recordings as finished products or as components of film/video, broadcast, live, and mixed media productions. Includes instruction in sound equipment operation and maintenance; music, dialogue, and sound reinforcement effects recording; sound track editing; dubbing and mixing; sound; tape, disk, and CD production; digital recording and transmission; amplification, effects, foley; and working with producers, editors, directors, artists, and production managers.

Guitar (Fine Art or elective)
Grade Level: 9-12
Prerequisites: none
Course Description: Students learn to perform a variety of skills on the guitar, including scales, chord forms and standard repertoire.

WORLD LANGUAGE

Spanish I (Foreign Language)
Grade level: 9-12
Prerequisites: None

Course Description: Spanish I is a beginning class of Spanish in which students will learn to recognize and produce the Spanish dialect. They will learn Spanish grammar and vocabulary dealing with school, numbers, telling time, idioms, places, occupations and related areas. They will learn how to ask and answer questions in the language. The course will also explore Hispanic culture and Pre-Columbian civilizations.

Spanish II (Foreign Language)
Grade level: 10-12
Prerequisites: Spanish I

Course Description: Spanish II reviews and expands what the students experienced in Spanish I. The students will learn additional grammar and idioms. They will increase their vocabulary and fluency in speaking Spanish in areas such as travel, food, shopping, sports and other activities. They also will continue to explore Hispanic culture and history.

Spanish III and IV (Foreign Language)
Grade level: 10-12
Prerequisites: Spanish I, Spanish II and teacher permission

Course Description: Spanish III and Spanish IV will review and expand what the students learned in previous Spanish class. The students will work on intensive Spanish usage (reading and writing), subjunctive tenses, and more idiomatic language and current events. This is a class recommended for independent workers, as much of our time will be spent working alongside Spanish II students.

MATH DEPARTMENT

Algebra I (Math)
Grade Level: 9
Prerequisites: Instructor permission/placement

Course Description: The Washington state standards for Algebra I will be covered including but not limited to linear, quadratic, exponential, and piecewise functions; systems of equations and inequalities; know and use the operations with radicals, exponents, and polynomials; interpreting categorical and quantitative data including summarize, interpret, and display measures of central tendency, and linear data; recognize and explain arithmetic and geometric sequences; use reasoning, problem solving, and communication in both math notation and language.

Geometry (Math)
Grade Level: 9-10
Prerequisites: Algebra I with a C- or better or Instructor permission/placement

Course Description: The Washington state standards and CCSS for Geometry will be covered including but not limited to logical arguments and proof, lines and angles, geometry in the coordinate plane, geometric transformations, properties of polygons, parallelograms, triangles, and circles, arc length, area of a sector of a circle, surface area and volume of three-dimensional figures, making inferences and justifying conclusions, conditional probability and the rules of probability, using probability to make decisions, precision in measurement, conversions between systems of measurement, use reasoning, problem solving, and communication in both math notation and language.

Introduction to Algebra II (Math)
Grade level 10-12
Prerequisites: Algebra and Geometry C- or better or Instructor permission

Course Description: The first semester of Algebra II will be a review and extension of Algebra I to strengthen skills. Topics will include solving, graphing, and interpreting linear functions, solving systems of equations and inequalities, operations with radicals, exponents, and polynomials.
The second semester will continue to advance students' algebra skills as a slower paced Algebra II. Topics will include solving, graphing, and interpreting quadratic, cubic, rational, radical; summarize, interpret, and display measures of central tendency, and linear data, use permutations and combinations, apply the binomial theorem, interpret standard deviation and normal curves; recognize and explain arithmetic and geometric sequences and series; use reasoning, problem solving, and communication in both math notation and language.
This course is designed for students that need to build skills to be successful in the more rigorous Algebra II/Trig class. The next course in the high school math sequence is Algebra II and Trigonometry.

Algebra 2 and Trigonometry (Math)
Grade level: 10-12
Prerequisites: Algebra and Geometry with C- or better or Instructor permission/placement

Course Description: The Washington state standards and CCSS for Algebra 2 will be covered including but not limited to solving, graphing, and interpreting linear, quadratic, cubic, quartic, rational, radical, exponential, logarithmic, and piecewise functions; systems of equations and inequalities; know and use the operations with radicals, exponents, and polynomials; summarize, interpret, and display measures of central tendency, and linear data, use permutations and combinations, apply the binomial theorem, interpret standard deviation and normal curves; recognize and explain arithmetic and geometric sequences and series; use reasoning, problem solving, and communication in both math notation and language.

Currently, a B+ grade at the end of the year in this class allows a student to take a first tier college class at LCC without a placement test. See the matrix in the catalog for more information.

College in the High School Pre-Calculus (Math)
Grade: 11-12 (Upon Passing of College Entrance Test)
Prerequisites: Algebra II with C or better or Instructor permission

Course Description: Upon successful completion of the first semester of this course, the student will be able to explain and analyze the various features of linear, quadratic, exponential, and logarithmic functions. Upon successful completion of the second semester of this course, the student will be able to model real world phenomena using trigonometry, analyze trigonometric functions and their graphs, analyze and solve trigonometric identities and equations, and model vectors and polar equations in the real world.

College in the High School Calculus (Math)
Grade: 11-12 (Upon passing college entrance test)
Prerequisites: Pre-Calculus with C or better or Instructor permission

Course Description: Upon successful completion of the first semester, students will understand and apply differentiation rules, apply derivatives in a real world situation, and find critical numbers and inflection points to describe characteristics of graphs including increasing/decreasing intervals and concavity. Upon successful completion of the second semester, students will under concept of definite integral and basic properties of integrals, the concept of anti-derivative and its applications, the Fundamental Theorem of Calculus, analytical methods for constructing anti-derivatives, including integration by parts.

Principles of Math (Math)
Grade: 11-12
Course Description: Teacher Recommendation Only

Math Fundamentals (Math) Teacher Recommendation Only
Grade: 11-12
Course Description:
Designed for juniors or seniors that want or need more high school level math review including but not limited to:

Linear, quadratic, and exponential equations
Statistics and geometry applications
Review for state, college or military assessments including the SBAC, ASVAB, and ACT tests
Financial literacy
Adulting

PHYSICAL EDUCATION

Health (Health)
Grade level: Required for 10th or 11th grade
Prerequisites: None

Course Description: A co-ed class, which focuses on healthy lifestyles and reducing risky behaviors as related to a person's mental, physical and social health.

Physical Education (PE)
Grade level: Required for 9th grade and 10th grade, an elective for 11th and 12th grade
Prerequisites: None

Course Description: A daily co-ed activity will stress individual fitness level and skill while participating in a variety of individual and team sports. See weight training/conditioning.

Weight Training (PE)
Grade level: 10-12

SCIENCE DEPARTMENT

Biology and Earth Science (one semester each) (Science – Required)
Grade level: 9th- Required
Recommended: Concurrent with Algebra I

Course Description: This course focuses on earth science and biology. 1st semester topics to be explored are: history of earth, earth's systems, weather and climate, and human sustainability. 2nd semester topics to be explored are: ecosystem relationships, natural selection and evolution. Lab work, field studies, and engineering design will be incorporated throughout the course.

Biology /Chemistry (one semester of each)_(Lab science)
Grade levels: 10th – (Required in 10th)
Recommended: Completion of Earth Science course or concurrently enrolled

Course Description: Biology is a laboratory science, focused on the study of living things. The course will be aligned to NGSS standards for the following topics: Inheritance and Variation of Traits, Natural Selection and Evolution, Forces and Interactions, Energy, Structure and Properties of Matter and Chemical Reactions.

Natural Resources (Lab Science or CTE)
Grade level: 11th-12th
Required: Natural Resources English

Course Description: This course focuses on forest ecology, natural resources career and technical education. 1st semester will focus on forest systems, tree identification, orienteering and soil biology. Students will be required to complete a forest stewardship plan as a first semester culminating project. 2nd semester will continue to integrate forest systems and career and technical education. Students will be required to complete a forest resource plan and presentation as a second semester culminating project. Students enrolled in this course will be required to work and study outside in a variety of weather. Students will also be required to complete 15 hours of onsite and 7.5 hours of offsite community service work per semester. Students who successfully complete the course will have the opportunity to earn 5 college credits of science that can be articulated to Grays Harbor Community College.

Robotics (Science-Robotics)
Grade Level: 11-12

Course Description: This course focuses on engineering design practices, including designing building and the programming of robots. Topics covered in this course include: computer programing, robotics, engineering careers, and engineering design. In this course students will be expected to design a solution to a complex real-world problem by breaking the problem down into smaller, more manageable parts that can be solved through engineering.

Advanced Chemistry (Lab Science)
Grade Level: 11 - 12
Prerequisites: Algebra or Geometry and Biology
Recommended: Concurrent with Algebra II

Course Description: This course is strongly recommended for all university bound students and is a science which deals with the composition, structure, and properties of substance and the transformations that they will undergo. Course will involve a minimum of Algebra I math skills, however Algebra II is recommended to be taken concurrently. Also, work will include balancing chemical formulas and equations. Lab work will also be required.

Advanced Biology: (Lab Science)
Grade Level: 11 - 12
Prerequisites: Algebra or Geometry and Biology
Recommended: Concurrent with Algebra II

SOCIAL STUDIES DEPARTMENT

Washington State History - Independent Study (Social Studies)
Grade level: NA
Prerequisites: None

Course Description: A survey of the Pacific Northwest with the State of Washington highlighted. Topics include the region's physical environment, early human history, migratory theories to the area, Native American tribes, territorial and statehood, early political government and economic development. Present day multicultural society and cultural aspects of the state, government, natural resources, energy sources, manufacturing, transportation and trades, along with current issues of the state.

World History (Social Studies)
Grade Level: 10th – Required
Prerequisites: None

Course Description: This course is a survey of World History. The first semester will concentrate on Ancient World History; Birth of Civilizations through the Renaissance. The second semester will concentrate on Modern World History. Civics lessons will be blended into each semester. Students will examine the political, social and philosophical beliefs that have led to current world structures.

AP World History (Social Studies)
Grade Level: 10th – Required
Prerequisites: Instructor Permission

Course Description: AP World History has been designed to help students develop an understanding of the evolution of global processes and interactions among different types of human societies. This course has been designed to start at 8000 B.C.E and covers global connections to the present. The course deals with historical facts related to names, chronology, and events, with a major emphasis on historical thinking skills. These skills include: historical argumentation, chronological reasoning, comparison and contextualization, and historical interpretation/synthesis. By using the processes and tools historians use, students discover the "big picture" of world history.

Upon completion of this course students will be able to understand historical causation, patterns, and continuities. They will use these understandings to create diverse interpretations of the past using primary and secondary sources. This course will include college-level resources beyond the class textbook. Major emphasis is placed on essay writing in preparation for the Advanced Placement world history exam. Students interested in this course should have a reasonable amount of time available dedicate to outside-of-class readings and must be self-motivated and have the ability to think analytically and critically about history.

United States History (Social Studies)
Grade level: 11th - Required
Prerequisites: None

Course Description: This course covers a review of the 19th century and focuses the majority of the year on a survey of the 20th century. We will cover everything from political, social and economic history. This class is a state graduation requirement and requires at least 10th grade standing admittance. Though a textbook is used, there are also supplemental texts. See instructor for list.

AP US History (Social Studies)
Grade level: 11th – 12th
Prerequisites: Instructor Permission

Course Description: Advanced Placement United States History is a two semester course that offers a survey of American History beginning in the 15th century. Students will need to examine not only historical facts, but bias that may skew the facts, and the importance of weighing bias to learn from history. AP assignments include extensive reading (both in textbook, secondary readings and primary sources material), writing, and study skills, which will enhance their future success at the college level.

CWP/Civics (Social Studies)
Grade Level: 12th - Required
Prerequisites: None

Course Description: This is a graduation requirement and is only offered to seniors. Each semester will have a different focus. One semester will be the study of Civics and American Domestic Policies and the other semester will concentrate on International Policies. The whole year we will tie in current events and how they relate to the overall focus of what we are studying. Instructor will utilize class time to bring in guest speakers to enhance the subjects being discussed.

AP United States Government & Politics (Social Studies)
Grade Level: 12th - Required
Prerequisites: None

Course Description: AP United States Government and Politics introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning, assess causes and consequences of political events, and interpret data to develop evidence based arguments. This class is taught at a college level and may earn students college credit which will be determined after students take the AP Exam and reach an adequate score.

Career and Technical (CTE) Classes:

Computer Aided Design (CAD) I (CTE, Elective)
Grades: 10 – 12
Length: Semester
Prerequisite: None

Course Description: This course introduces computer aided design (CAD) and the commands and procedures used to create, edit, and plot two-dimensional (2D) drawings and create basic three-dimensional (3D) models. Students will use a vinyl cutter, laser engraver, and a 3D printer to create fun, hands-on projects. A majority of this class is focused on 2D drawings and projects.

Computer Aided Design (CAD) II (CTE, Elective)
Grades: 9 – 12
Length: Semester
Prerequisite: Computer Aided Design I

Course Description: This course is designed to further develop one's computer aided design (CAD) knowledge and skills. Students will learn how to create, edit, and plot two-dimensional (2D) drawings and three-dimensional (3D) models. Students will use a 3D scanner, vinyl cutter, laser engraver, and a 3D printer to create prototypes and projects. A majority of this class is focused on 3D modeling and projects.

Computer Aided Design (CAD) III (CTE, Elective)
Grades: 10 – 12
Length: Semester
Prerequisite: Computer Aided Design II

Course Description: Students will learn how to use one of industries leading, 3D/Parametric modeling software called SolidWorks. Students will learn how to 3D model and create a working set of drawings for their design projects. Students will use a 3D scanner, laser engraver, and a 3D printer to create prototypes and projects.

Computer Aided Design (CAD) IV (CTE, Elective)
Grades: 10 – 12
Length: Semester
Prerequisite: Computer Aided Design III

Course Description: This is an independent study course designed to further develop one's 2D drawing and 3D modeling skills. This course is a continuation of advanced skills in CAD I, II, and III. Students will have the opportunity to explore a career pathway of their choice (architecture, engineering, interior design, mechanical design, industrial design, video game design, fashion design, and much more). Students will use a 3D scanner, vinyl cutter, laser engraver, and a 3D printer to create prototypes and projects. A majority of this class is focused on 3D modeling and projects.

Wood Shop I & II (CTE or Elective)
Grade level: 9-12
Prerequisites: None

Course Description: An introductory woodshop class designed to give students experience in machine safety and operation, project design, wood joinery, wood identification and product methods. Students will have the opportunity to design and construct their own project according to their abilities. This class prepares students for entry level jobs in the construction trade.

Construction (CTE or Elective)
Grade level: 9-12
Prerequisites: Wood Shop 1 and 2 or Teacher permission

Course Description:
This is a construction course where students will learn a broad spectrum of knowledge and skills while building model houses, storage sheds, and more. Students will learn about construction trades and careers, safety, problem solving on the job, tool use, drawing interpretation, floor framing, wall framing, roof framing, roofing installation, siding installation, door & window installation, and much more. If you want to learn how to work on/build your own house, or develop skills to help you be more employable in a construction related trade, this
is the course for you.

Metal Shop I & II (CTE or elective)
Grade level: 9-12
Prerequisites: Metal Shop I before Metal Shop II

Course Description: A comprehensive metal shop course covering: welding, wire feed welding, gas welding and cutting, plasma arc cutting, and other welding techniques. Machine shop practices will also be taught including work on: lathe, milling machine, drill press, horizontal band-saw and all precision measuring tools. Students are encouraged to construct a project as part or their course work.

Introduction to Computer Programming –TEALS (CTE or Elective)
Grade level : 8 - 12 (CTE or elective)
Prerequisites: Teacher Recommendation – Must have or be taking Algebra I

In the U.S., there will be 1.4 million CS-related jobs by 2020, yet U.S. college graduates are expected to fill less than a third of those jobs.

Course Description: TEALS (Technology Education and Literacy in Schools) helps high schools build sustainable computer science programs by pairing trained computer science professionals – from across the tech industry – with classroom teachers to team-teach computer science in high schools throughout the US. TEALS volunteers and partner teachers create a ripple effect, impacting the students they teach, and the many students who will study CS in the future.

Work Based Learning (CTE or Elective)
Grade level: 9-12
Prerequisites: Career Choices (may be concurrent)

Course Description: Students will be expected go off campus to a work location to gain career and college skills. This work experience may be paid or unpaid as an internship. This class can be up to three periods long and may be one semester long or all year. Students will be placed in the work location and have specific goals and reporting expectations to complete in order to receive credit.

Introduction to Agriculture: (CTE or Elective)
Grade level: 8 - 12
Prerequisites: None

Course Description: A course that focuses on the general principles and practice of agricultural research and production that may prepare individuals to apply this knowledge to the solution of practical agricultural problems. Includes instruction in basic animal, plant, and soil science; animal husbandry and plant cultivation; soil conservation; and agricultural operations such as farming, ranching, and agricultural business.

ELECTIVES

Leadership (Elective)
Grade Level: 9-12
Prerequisites: Principal and Teacher Approval

Course Description: This class gives students the opportunity to make the school a better place through projects, community service and events. This class requires an application and teacher approval.

Teacher Assistant (Elective)
Grade level: 11th-12th
Prerequisites: (Principal and Teacher permission required)

Course Description: Assist teachers with basic office skills, word processing, filing, copying, running errands, etc. A good attendance record is essential.

Pre-Algebra (Elective)
Grade Level: 9-12
Prerequisites: Principal and Teacher Approval

Course Description: Specifically designed class for students not ready to take Algebra. No math credit will be earned but elective credit will be earned.

Online Classes - Original Credit or Credit Recovery:

Kalama has purchased the online catalog of classes from APEX Learning. There are well over 50 courses available in all core subjects as well as elective and technology. Students can take advantage of these classes if they have failed a class that is required or for original or new credit.

Off-Campus or Work Based / Internship Options

Student must provide your own transportation to any off-campus class except Skills Center

Cascadia (Vancouver) Skills Center: ½ day – See page 22 for more information

Internships:
Student Teaching @ Kalama Elementary School
Medical – Hospital
Building Trades (CAD, Welding, Wood, Manufacturing)
Local Companies – paid or internships

Health Occupations (Elective)
Grade level: 11 – 12 (Offered 1st and 2nd period)
Prerequisites: Must register at Kelso High School (Student must provide their own transportation.)

Course Description: An overview of health care with emphasis on basic skills and knowledge of the industry. Training and job shadowing experiences available.

Fire Science I & II (Elective)
Grade Level: 11 - 12
Prerequisites: Must register at Kelso High School (Student must provide their own transportation.)

Course Description: Basic firefighter skills needed to become an entry-level firefighter. Fast-paced and physically challenging.

Police Science (Elective)
Grade Level: 11 - 12
Prerequisites: Must register at Kelso High School (Student must provide their own transportation.)

Course Description: Basic police skills needed to enter the field of law enforcement. Hands-on emergency training.

Running Start (Varies)
Grade Level: 11 - 12
Prerequisites: Attend orientation meeting, pass the college Math and English Placement tests.
Recommended: GPA 2.5 or above

Course Description: Allows students to attend local community college and receive both high school and college credits for completed classes (100 level or above). Students must pay for textbooks and any additional fees associated with their class. Student must provide their own transportation.

OFF CAMPUS CLASSES - CASCADIA TECH

AM Session – 3 Periods Bus Leaves at 6:10 AM Earn College Credits

ADMINISTRATIVE OFFICE PROFESSIONAL
Prepares students for an understanding of office procedures, basic bookkeeping, management, marketing and entrepreneurship. Upon completion, students will have skills to enter an office environment in a variety of industry settings.

FASHION DESIGN
Students learn the principles of art and design, customer service and business practices, and the fundamentals of marketing and visual merchandising. They will also learn basic illustration, drawing skills, portfolio development, designing and making clothing.

HOSPITALITY AND TOURISM
Prepares students to be successful in the travel and hospitality industry, including marketing and customer relations. Students apply their knowledge during internships as front desk agents at local hotels and in event planning opportunities.

INFORMATION TECHNOLOGY SYSTEMS, SERVICE AND SUPPORT (ITS3)
Provides the core skills and knowledge necessary for entry-level employment in the technology field. Students receive training to install, configure and maintain computer hardware, software and networks. They will learn the skills to diagnose, troubleshoot, and resolve computer and network relate issues.

PRE-ENGINEERING DESIGN TECHNOLOGY
For students interested in engineering, architecture, drafting, design, robotics and computer-controlled equipment. Students will learn mechanical and architectural drafting, design, solid modeling, CNC programming and Arduino basics. A major portion of class time is in hands-on labs learning to operate the software, CNC lathe and mill machine tools and controls.

KELSO HIGH SCHOOL
AM SESSION 1 & 2 PERIOD

STUDENT PROVIDES TRANSPORTATION SEE MRS. DELKER FOR THE APPLICATION **DUE AT KELSO BY 4/12**

FIRE SCIENCE: This class teaches the basic firefighter/first responder skills needed in the State of Washington to become an entry-level firefighter.

HEALTH SCIENCE CAREERS: This class is an overview of health care with an emphasis on learning the basic professional knowledge and skill common to any health care career. During the course of the year, students have the opportunity to earn a "Nursing Assistant Certificate of Completion".

POLICE SCIENCE: Students will receive an overview of the criminal justice system, law enforcement, community policing, criminal acts and their impact on society, the US Constitution, criminal codes, and problem solving skills. Complete the program for entry level opportunities in local and state law enforcement agencies.

Forecasting for 2019 - 2020 Juniors

Name_____

FINE ARTS:
Band Drama Choir Art 1 – 2
Weightlifting Leadership Cafeteria Digital Media/Guitar Yearbook

CTE:
Woodshop I/II Construction Metal Shop I / II AP-CS-Java
Spanish I – Spanish IV
Introduction to Agriculture Introduction to Computer Programming CAD 1-4

Electives:
Weightlifting Leadership Cafeteria Teachers Aide **For mentoring see #5 below**

World Languages:
Spanish 1-4

1) U S History or AP World History - Circle one
2) English 11 or *College in the High School / AP English* or Natural Resources English (2 periods with Science) - Circle one
3) Math Choice: Math Fundamentals or Intro to Algebra 2 or Algebra 2/Trig or Pre Calculus or Calculus - Circle one

May be taken during Junior or Senior years

4) Natural Resources Science (2 period with English) or Advanced Chemistry or Robotics or Advanced Biology - Circle one
5) Two period Block – **Education**- Kalama Grade / Middle or **Hospital** Volunteer or Trades or Local Company - Circle one
6) Off Campus Options – See back of form Kelso Fire Science or Kelso Police Science (periods 1 and 2) or Cascadia Skills Center ½ day - Circle One

Choice (1) _____

Choice (2) _____

Choice (3) _____

Forecasting for 2019 - 2020 Seniors

Name_____

FINE ARTS:
Band Drama Choir Art 1 – 2
Weightlifting Leadership Cafeteria Digital Media/Guitar Yearbook

CTE:
Woodshop I/II Construction Metal Shop I / II AP-CS-Java
Spanish I – Spanish IV
Introduction to Agriculture Introduction to Computer Programming CAD 1-4

Electives:
Weightlifting Leadership Cafeteria Teachers Aide **For mentoring see #5 below**

World Languages:
Spanish 1-4

1) CWP/Civics or AP Government - Circle one
2) English 12 or *College in the High School / AP English* or Natural Resources English (2 period with Science) - Circle one
3) Math Choice: Math Fundamentals or Intro to Algebra 2 or Algebra 2/Trig or Pre Calculus or Calculus - Circle one

May be taken during Junior or Senior years

4) Natural Resources Science (2 period with English) or Advanced Chemistry or Robotics or Advanced Biology - Circle one
5) Two period Block – **Education**- Kalama Grade / Middle or **Hospital** Volunteer or Trades or Local Company - Circle one
6) Off Campus Options – See Page 23

Kelso Fire Science or Kelso Police Science (periods 1 and 2) or Cascadia Skills Center ½ day - Circle One

Choice (1) _____

Choice (2) _____

Choice (3) _____