

Fall 2023 KVL A Course Catalog Semester 1

Course Title	Credit Information	Course Description
AK History & Geography	SS 0.5	Explore Alaska History through the digital world and peer discussion. Consider how video games can support indigenous culture, discuss Jack London's adventure stories, learn about Alaska's race to save lives during an epidemic, read the tale of Ada Blackjack, a sole survivor and explorer who learned all of her survival skills in the wild and on her own, follow Alaska's journey to statehood, and explore modern Alaska and reflect how you will be an adult citizen in our great state. 6 Unit KHS Teacher Designed Course
African American History Semester A	SS 0.5	https://edynamiclearning.com/course/african-american-history-2/ 5 Unit Edynamic Learning course (5 units each semester)
Astronomy 1A	SC 0.5	https://edynamiclearning.com/course/astromy-1a-introduction/ 8 Unit Edynamic Learning course
Career Discovery	OE 0.5	Your future career is likely something you've dreamed about since you were a child. Now it's time to turn that dream into a reality! In this course, you will explore your own strengths, interests, and preferences and use that information to uncover the best career for you! You will explore 17 career clusters, learn about the skills needed to work in different industries, and choose a path to pursue. You'll build a plan to get you from high school to your first day on the job, and craft a strong portfolio to land your perfect job. You've dreamed about your future career. Now it's time to create a plan and turn that dream into a goal! 8 Unit Edynamic Learning Course
College & Career Prep I	OE 0.5	APEX Learning 7 Unit Course High school students have many questions about the college application process, what it takes to be a successful college

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		<p>student, and how to begin thinking about their careers.</p> <p>In College and Career Preparation I, students obtain a deeper understanding of what it means to be ready for college. Students are informed about the importance of high school performance in college admissions and how to prepare for college testing. They know the types of schools and degrees they may choose to pursue after high school and gain wide exposure to the financial resources available that make college attainable. Career readiness is also a focus. Students connect the link between interests, college majors, and future careers by analyzing career clusters. Students come away from this course understanding how smart preparation and skill development in high school can lead into expansive career opportunities after they have completed their education and are ready for the working world.</p> <p>Students who complete College and Career Preparation I have the basic skills and foundation of knowledge to progress into College and Career Preparation II, the capstone course that provides hands-on information about the transition from high school to college and career.</p> <p>The course is based on the American School Counselors Association National Standards for school counseling programs.</p>
Computing for College & Careers	OE 0.5	https://edynamiclearning.com/course/computing-for-college-and-careers-1a-introduction/ 8 Unit Edynamic Learning Course
Creative Writing A	LA 0.5	https://edynamiclearning.com/course/creative-writing-unleashing-the-core-of-your-imagination/ 4 Unit Edynamic Learning course (4 units each semester for 1.0 credit)
Financial Literacy	MA 0.5	<p>APEX Learning 7 Unit Course Financial Literacy offers an engaging, scaffolded curriculum that introduces key topics and principles necessary to financial literacy. The one-semester course covers earning and spending; savings and investing; credit and debt; protection of assets; and financial planning and decision-making. Through real-life scenarios and hands-on activities, the course explores choosing</p>

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		<p>among banking and investment options, shopping for an auto loan, choosing among career and college options, financing options for continuing education, planning for retirement, and creating and living within a budget. As a social studies course, Financial Literacy is designed to complement courses in Economics and Mathematics for Personal Finance.</p> <p>This course is built to state standards and further informed by standards from the Council for Economic Education's National Standards for Financial Literacy and the Jump\$tart Coalition for Personal Financial Literacy's National Standards in K-12 Personal Finance Education. To assist students for whom language presents a barrier to learning or who are not reading at grade level, Financial Literacy includes audio resources in English.</p> <p>This course is aligned with state standards as they apply to Financial Literacy and adheres to the National Council of Teachers of Mathematics' (NCTM) Problem Solving, Communication, Reasoning, and Mathematical Connections Process standards.</p>
Gothic Literature	LA 0.5	https://edynamiclearning.com/course/high-school-gothic-literature/ 8 Unit Edynamic Learning Course
Great Minds in Science	SC 0.5	https://edynamiclearning.com/course/high-school-science-course/ 10 Unit Edynamic Learning Course
Human Geography	SS 0.5	https://edynamiclearning.com/course/high-school-human-geography-course/ 8 Unit Edynamic Learning Course
Introduction to Forestry & Natural Resources	SC 0.5	https://edynamiclearning.com/course/introduction-to-forestry-natural-resources/ 8 Unit Edynamic Learning Course
Introduction to Military Careers	OE 0.5	https://edynamiclearning.com/course/introduction-to-military-careers/ 10 Unit Edynamic Learning Course
Keyboarding	OE 0.5	Weekly units taking students through the use of the Best Typing and Lessons app, exploration of how typing skills

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		<p>are used in the employment world, the history of keyboards and typing, students will set personal typing performance goals to meet AK State Technology standards, and students will type documents through dictation. This course is designed exclusively for iPads. Students cannot use a laptop for this course. KHS Teacher Designed Course</p>
Life Skills Management	HE 0.5	<p>https://edynamiclearning.com/course/health-1-life-management-skills/ 8 Unit Edynamic Learning Course</p>
Marine Science Semester A	SC 0.5	<p>https://edynamiclearning.com/course/marine-science-1a-introduction/ 8 Unit Edynamic Learning Course</p>
Media Literacy	LA 0.5	<p>APEX Learning 6 Unit Course</p> <p>Our online Media Literacy course teaches students how to build the critical thinking, writing, and reading skills required in a media-rich and increasingly techno-centric world. In a world saturated with media messages, digital environments, and social networking, concepts of literacy must expand to include all forms of media. Today's students need to be able to read, comprehend, analyze, and respond to non-traditional media with the same skill level they engage with traditional print sources. A major topic in Media Literacy is non-traditional media reading skills, including how to approach, analyze, and respond to advertisements, blogs, websites, social media, news media, and wikis. Students also engage in a variety of writing activities in non-traditional media genres, such as blogging and podcast scripting. Students consider their own positions as consumers of media and explore ways to use non-traditional media to become more active and thoughtful citizens. Students learn how to ask critical questions about the intended audience and underlying purpose of media messages, and study factors which can contribute to bias and affect credibility.</p> <p>The course content is based on The National Association for Media Literacy Education's Core Principles of Media Literacy Education, as well as aggregate</p>

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		state standards and research into best pedagogical practices.
Medical Terminology 1A	SC 0.5	https://edynamiclearning.com/course/medical-terminology-1a-introduction/ 8 Unit Edynamic Learning Course
Multicultural Studies	SS 0.5	<p>APEX Learning 6 Unit Course</p> <p>Our online Multicultural Studies course is a one-semester elective history and sociology course that examines the United States as a multicultural nation. The course emphasizes the perspectives of minority groups while allowing students from all backgrounds to better understand and appreciate how race, culture and ethnicity, and identity contribute to their experiences.</p> <p>Major topics in the course include identity, immigration, assimilation and distinctiveness, power and oppression, struggles for rights, regionalism, culture and the media, and the formation of new cultures.</p> <p>In online Discussions and Polls, students reflect critically on their own experiences as well as those of others. Interactive multimedia activities include personal and historical accounts to which students can respond using methods of inquiry from history, sociology, and psychology.</p> <p>Written assignments and Journals provide opportunities for students to practice and develop skills for thinking and communicating about race, culture, ethnicity, and identity.</p> <p>The content and skill focus of this interdisciplinary course is based on the National Council for the Social Studies (NCSS) Expectations of Excellence: Curriculum Standards for Social Studies as well as the National Standards for History published by the National Center for History in Schools (NCHS).</p>
Navigating Adulthood	OE 0.5	https://edynamiclearning.com/course/life-skills-navigating-adulthood/ 8 Unit Edynamic Learning Course
Nutrition and Wellness	HE 0.5	https://edynamiclearning.com/course/nutrition-wellness/ 8 Unit Edynamic Learning Course

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Personal Fitness	PE 0.5	https://edynamiclearning.com/course/high-school-personal-fitness/ 8 Unit Edynamic Learning Course
Probability & Statistics Semester A	MA 0.5	<p>APEX Learning 7 Unit per semester course Our Probability and Statistics online high school course provides a curriculum focused on understanding key data analysis and probabilistic concepts, calculations, and relevance to real-world applications. Students are challenged to work toward mastery of computational skills, apply calculators and other technology in data analysis, deepen their understanding of key ideas and solution strategies, and extend their knowledge through a variety of problem-solving applications.</p> <p>Course topics include types of data, common methods used to collect data, and representations of data, including histograms, bar graphs, box plots, and scatterplots. Students learn to work with data by analyzing and employing methods of extending results, involving samples and populations, distributions, summary statistics, experimental design, regression analysis, simulations, and confidence intervals.</p> <p>Ideas involving probability — including sample space, empirical and theoretical probability, expected value, and independent and compound events — are covered as students explore the relationship between probability and data analysis.</p> <p>Extended projects allow for more open-ended, extended applications of concepts and skills. They collect and analyze statistical data about a topic that interests them, and they apply probability concepts in a real-world context.</p> <p>The content is based on the Common Core standards and is aligned with state standards.</p>
Reading & Writing for Purpose Semester A	LA 0.5	<p>For 11th & 12th grade students only</p> https://edynamiclearning.com/course/reading-and-writing-for-purpose/ 4 Unit Edynamic Learning Course (4 Units each semester)
The Living Earth Semester A	SC 0.5	<p>APEX Learning 11 Unit Course</p> <p>The Living Earth integrates biology with Earth and space science. Throughout the</p>

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		<p>course, students apply fundamental biological concepts to better understand how living systems and Earth's systems are interrelated and interdependent. Course topics include structure and function of living organisms, heredity, genetic variation, natural selection, evolution, the biosphere, types of ecosystems and biomes, the ecology of populations and communities, the effects of change on the biosphere and its parts, the relationship of humans with the environment, and explorations of challenges humans face and sustainable solutions for the future health of Earth and its inhabitants.</p> <p>Students discover new concepts through guided instruction and confirm their understanding in an interactive, feedback-rich environment. Scientific inquiry skills are embedded in the direct instruction, wherein students learn to ask scientific questions, form and test hypotheses, and use logic and evidence to draw conclusions about the concepts.</p> <p>A variety of activities encourage students to think scientifically. Lab and Project activities reinforce critical thinking, writing, and communication skills and help students develop a deeper understanding of the nature of science and engineering. Virtual Lab activities enable students to engage in investigations that require long periods of observation at remote locations and to explore simulations that allow scientists to test predictions. In Discussions, students compare their lab or project results and exchange ideas about their investigations. Journal, Checkup, and Practice activities provide additional opportunities for students to practice their writing and scientific reasoning skills and apply learned concepts.</p> <p>This course is built to Next Generation Science Standards. Throughout the course, students are evaluated via a variety of assessments designed to prepare them for the content, form, and depth of state exams.</p>
Reading Skills and Strategies	LA 0.5	APEX Learning 12 mini-unit course for 0.5 LA credit Reading Skills and Strategies is a course is designed to help

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		<p>the struggling reader develop mastery in the areas of reading comprehension, vocabulary building, study skills, and media literacy, which are the course's primary content strands. Using these strands, the course guides the student through the skills necessary to be successful in the academic world and beyond. The reading comprehension strand focuses on introducing the student to the varied purposes of reading (e.g., for entertainment, for information, to complete a task, or to analyze). In the vocabulary strand, the student learns specific strategies for understanding and remembering new vocabulary. In the study skills strand, the student learns effective study and test-taking strategies. In the media literacy strand, the student learns to recognize and evaluate persuasive techniques, purposes, design choices, and effects of media. The course encourages personal enjoyment in reading with 10 interviews featuring the book choices and reading adventures of students and members of the community. The content is based on the National Council of Teachers of English (NCTE) standards and aligned to state standards.</p>
US Government	SS 0.5	<p>APEX Learning 7 Unit Course In our U.S. Government and Politics online high school course, students examine the history, principles, and function of the political system established by the U.S. Constitution. Starting with a basic introduction to the role of government in society and the philosophies at the heart of American democracy, this course provides students with the knowledge needed to be informed and empowered participants in the U.S. political system. Through critical reading activities, feedback-rich instruction, and application-oriented assignments, students develop their capacity to conduct research, analyze sources, make arguments, and take informed action. In written assignments, students address critical questions about U.S. politics and the role of individual Americans in politics and political organizations. In discussion activities, students respond to political opinions, take a position, and defend their own claims.</p>

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		<p>Formative and summative assessments provide students — and teachers — with ample opportunities to check-in, review, and evaluate students' progress in the course.</p> <p>This course is built to state standards and informed by the College, Career, and Civil Life (C3) Framework for Social Studies State Standards and the National Standard for Civics and Government.</p>
Mythology & Folklore	LA 0.5	https://edynamiclearning.com/course/high-school-mythology-course/ 8 Unit Edynamic Learning Course
Grammar & Writing	LA 1.0 (yearlong)	<p>Writing and Grammar I focuses on the building blocks of writing well. This course is designed as a 1.0 credit language arts class for students looking to learn about the fundamentals of parts of speech, grammar, sentence and paragraph construction, basic research & citation, and writing an argumentative essay. While this course is designed to focus on development of 9th and 10th grade writing skills, it is available for students in grades 9-12. Students earn credit for this course by completing the lessons, assessments, notes, practices, activities, and projects with their own original work that meets the criteria of each item. Work criteria is provided through assignment directions, checklists, and rubrics.</p> <p>KHS Teacher Designed Course.</p>
Workplace & Internship Readiness	OE 0.5	https://edynamiclearning.com/course/workplace-internship-readiness/ 8 Unit Edynamic Learning Course & Prerequisite for Work Study Credit
Health I	HE 0.5	<p>APEX Learning 7 Unit Course</p> <p>Health helps students develop knowledge, attitudes, and essential skills in a variety of health-related subjects, including mental and emotional health, social health, nutrition, physical fitness, substance use and abuse, disease prevention and treatment, and injury prevention and safety.</p>

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		<p>Through use of accessible information, realistic interactivities, and project-based learning, students apply the skills they need to stay healthy. These skills include identifying and accessing valid health information, practicing self-management, identifying internal and external influences, communicating effectively, making healthy decisions, setting goals, and advocating. Students who complete Health build the skills they need to protect, enhance, and promote their own health and the health of others. The content is based on the National Health Standards (SHAPE) and is aligned to state standards.</p>
Habits, Happiness, & Wellness	OE 1.0 (yearlong)	<p>Each semester of the course has 6 units with a midpoint and semester project. This course that focuses on learning how to build healthy habits and a positive, growth mindset. This course is designed as a 1.0 credit elective class for students looking to learn about building healthy habits, cultivating a positive, growth mindset, building resiliency, and cultivating lifelong contentment. While this course is designed to focus on development of 9th and 10th grade habits and wellness, it is available for students in grades 9-12. Students earn credit for this course by completing the lessons, assessments, notes, practices, activities, and projects with their own original work that meets the criteria of each item. Work criteria is provided through assignment directions, checklists, and rubrics. Please also note that this course requires a service learning project and because this project is connected to an Alaska State Skills for a Healthy Life Standard this project must be completed to complete the course. It should be noted that this course is not a course meant to treat any mental or emotional illnesses, individuals dealing with illness should seek treatment from a qualified</p>

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		<p>professional. This course also requires students to enroll in and complete the Coursera Yale mini-course “The Science of Well-Being for Teens”. Students will receive and submit a certificate of completion for this mini-course. It should be noted that this course requires extensive journaling and students will be asked to keep a regular digital notebook through One Note.</p>
Veterinary Science	SC 0.5	<p>8 Unit Edynamic Learning Course that enables learners to explore the world of veterinary science. Learn about infections, parasites, domestic animal care, exotic animal care, and medicine and the careers in the veterinary field.</p>
Writer’s Notebook	LA 0.5	<p>Have you ever wanted to write a book? Do you have the dedication to focus on writing 30,000 words in a single semester? Then the NANWRIMO Writer’s Notebook challenge is for you. This course focuses on taking students through the NANWRIMO Writer’s Notebook to write a book within the space of 18 weeks and prepare it for digital publication. Writing for an authentic audience is a key part of the course, so digital publication is expected. Please note that this course requires extensive writing. KHS and Rural Schools Teacher Designed Course</p>
Criminology	SS 0.5	<p>https://edynamiclearning.com/course/high-school-criminology-course/ 8 Unit Edynamic Learning Course</p>
Independent Learning Skills	OE 0.5	<p>Each week of the semester has activities and lessons connected to developing executive functioning skills, managing distractions, and becoming an independent learner. Students will directly apply what they learn to their online course because the lessons and activities give the learner tools/resources designed to become a better independent learner. There is a midterm and final project for this</p>

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		course. Please note this course is for in-person KVLA students only.

Students taking initial credit courses in Virtual Learning sections throughout the day will be able to enroll in an in-person Independent Learning Skills course for 0.5 OE credit.

Credit Recovery courses for core subjects available:

- English 9-12
- Biology
- Chemistry
- Algebra I
- Algebra II
- Geometry
- US History
- World History