

Rural Schools Course Catalog



KODIAK ISLAND BOROUGH SCHOOL DISTRICT

2017 - 2018

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Message from the Counselor

Dear Teachers, Students, Parents & Guardians,

This course catalog is a result of focused, collaborative effort. We are excited that you have this document in your hands!

Within there are descriptions of courses students may take, an overview of our programs, Alaska Performance Scholarship information, and a template for students to project their four-year plan. Additionally, there are two suggested four year plans written out. One is designed for students who are planning to attend college after high school, and one is designed for students who are planning to attend a technical college or trade school. Each student's plan should be unique to their interests and educational needs.

We want our Rural Schools to be data driven, safe and fun learning environments, where all students graduate, are prepared for life, and no student is allowed to fail. We grow our students to return to their village and be productive citizens and help teach the next generation.

Sincerely,

Marilyn Gail,
Rural Schools Counselor

Schedule Changes & Graduation Requirements

Student Schedules and Changes

Student schedules are developed during the spring. Changes in schedules must be initiated during the first 10 days for the first semester and within 5 days for the second semester. If a schedule change is necessary outside these days, the recommendation for doing so must be initiated by the teacher/counselor. Changed classes will be recorded on a student's transcript as a WP (withdraw pass) or WF (withdraw fail) depending on the student's progress at the time of the schedule change.

Withdrawal from Class

An administrator, counselor, and the parent(s) of the student must agree that a withdrawal will be in the best interest of the student. Any dropped class will be recorded as on the student's transcript as a WP (withdrawal pass) or WF (withdrawal fail) depending on the student's progress at the time of the drop. A WF will be calculated as an "F" in the student's GPA.

Graduation Credit Requirements

English	4.0
Science	3.0
Physical Education	1.5
Health	1.0
Social Studies.....	3.0
1.0 credit must be U.S. History, and .5 must be AK History	
Mathematics	3.0
1.0 credit must be Algebra I, Core Plus Math I, or higher	
Career Technology	1.0
Electives	8.0
Total Credits	24.5

Overview of Programs

Science & History core classes are rotated each year to provide high school students the required credits for graduation. Rotations are subject to change by the administration. To find out which course is being offered this school year, please contact us.

Science:

- *Earth Science*
- *Integrated Physics & Chemistry*
- *Physical Science*
- *Biology*

Health & Physical Education: Physical Education & the two health courses are offered as a combined course if needed.

- Nutrition & Wellness
- Health

Social Studies:

- *World History*
- *U.S. History*
- *Alaska History & Civics*

Math: All of the following math courses are offered each year according to enrollment needs.

- *Pre-Algebra*
- *Algebra I*
- *Geometry*

English: All of the following English courses are offered each year according to enrollment needs.

- *Introduction to Composition & Literature*
- *Composition & Literature 9,*
- *Composition & Literature 10,*
- *Composition & literature 11*
- *Composition & Literature 12*

Music:

- Band & Orchestra are offered according to student interest

Career Technology Courses: All of the following courses may be available depending on the number of students interested.

- Welding
- Small Engines
- Culinary Arts
- Woodworking

Electives

Arts

Digital Photography I: Creating Images with Impact!

1 Semester, eDynamic Course, Prerequisite for Digital Photography II

This course will help you understand more about the basics of photography. Learning about aperture, shutter speed, lighting, and composition is key for any serious photographer and will help you gain the confidence and knowledge you need to become one. You will not only follow photography through its history but also gain a basic understanding of camera functions, technique, and what it takes to shoot quality portraits, close-ups, action shots, and landscapes.



Digital Photography II: Discovering your creative potential

1 semester eDynamic Course, must take Digital Photography I

You will examine various aspects of the field in this course, including specialty areas, ethics, and famous photographers throughout history. Learn how to effectively critique photographs in order to better understand composition and how you can create eye-catching photographs of your own.



Beginning Drawing

1 Semester Course, Prerequisite for Advanced Drawing

In this course, you will be experimenting with several different art materials and tools. This process will continually grow your artistic skill and enjoyment.



Advanced Drawing

1 Semester Course, must take Beginning Drawing

The purpose of this course is to provide opportunities for students to visually express themselves by exploring the use of varied tools and materials, by learning to observe, and by learning to solve color and design problems.



Arts, continued

Digital Arts

1 semester, Edgenuity Course

The Digital Arts course focuses on building a solid foundation of the basic elements of visual art: line, shape, form, color, value, space, and texture. This course teaches core skills using Inkscape, a free open-source alternative to Adobe® Illustrator®. Topics include learning processes for evaluating artworks, and identifying selected artists' works, styles, and historical periods. Students learn 3D space in a 2D environment; filters, gradients and highlights; and methods of working with color. Students express themselves creatively in original digital drawings and artwork.



Criminology & Legal Studies

Criminology: Inside the Criminal Mind

1 semester, eDynamics

In *Criminology: Inside the Criminal Mind*, you will be given the rare opportunity to climb inside the mind of a criminal and examine the ideas and motivations at work. The mental state of a criminal can be affected by many different aspects of life—psychological, biological, sociological—all of which have differing perspectives and influences. You will investigate not only how these variables affect the criminal mind but also how the criminal justice system remains committed to upholding the law through diligence and an uncompromising process.



Criminology & Legal Studies, Continued

Law and Order: Introduction to Legal Studies

1 semester, eDynamics

In Law and Order: Introduction to Legal Studies, you'll delve deeper into the importance of laws and consider how their application affects us as individuals and communities. Through understanding the court system and how laws are actually enacted, you will learn to appreciate the larger legal process and how it safeguards us all.



Forensic Science I: Secrets of the Dead

1 semester, eDynamics

Forensic Science I: Secrets of the Dead will offer you the chance to dive into riveting crime scene analysis. These days, the world of law enforcement depends increasingly on DNA findings to unlock the secrets behind crimes and those who commit them. Learn how forensic science applies technology to make discoveries and bring criminals to justice. This course will focus on various techniques and practices used in the field during an official crime scene investigation and how clues and data are recorded and preserved.



Forensic Science II: More Secrets of the Dead

1 semester, eDynamics

In Forensic Science II: More Secrets of the Dead, you'll learn all about the powerful science of forensics and how it has virtually changed the face of crime and justice in the world today. You will begin by learning some basic scientific principles used in the lab, such as toxicology, material analysis, microscopy, and forensic anthropology. You'll learn how scientists use everything from insects to bones to help them solve crimes.



General Electives

Public Speaking

1 semester, eDynamic Course

You'll master the basics of public speaking through practice, building a strong argument, and analyzing the speeches of others, eventually learning to speak confidently in front of large groups. Grab your notes and get ready to conquer public speaking.



Health Science Concepts

Year Long Course, Edgenuity Course

As they progress through each unit, students will learn about the major body systems, common diseases and disorders, and the career specialties associated with each system. Students will investigate basic medical terminology as well as human reproduction and development. Students are introduced to these fundamental health science concepts through direct instruction, interactive tasks, and practice assignments. This course is intended to provide students with a strong base of core knowledge and skills that can be used in a variety of health science career pathways.



Personal & Family Finance

1 semester, eDynamic Course

Personal and Family Finance will begin the conversation around how to spend and save your money wisely, investing in safe opportunities and the days ahead. Learning key financial concepts around taxes, credit, and money management will provide both understanding and confidence as you begin to navigate your own route to future security. Discover how education, career choices, and financial planning can lead you in the right direction to making your life simpler, steadier, and more enjoyable.



General Electives, continued

Early Childhood Education

1 semester, eDynamic Course

Early Childhood Education provides an understanding of the childhood experience. Learn how to create lessons and learning environments that provide a safe and encouraging experience for children and how to provide them with the excitement and confidence they need to pursue a life-long education.



Psychology & Sociology

Social Problems I: a world in crisis

1 Semester, eDynamic Course, Prerequisite for Social Problems II

You'll learn what has led to these social problems, what effects they have on our lives and societies, and what possible solutions exist for solving them.



Social Problems II: crisis, conflicts & challenges

1 semester eDynamic Course, must take Social Problems I

In Social Problems II: Crisis, Conflict, and Challenges, you'll explore more of the challenges facing us today and what we can do to reduce the effects of these conflicts and challenges. From drug abuse to terrorists to the changing nature of communities in our digital world, we can better face and solve these problems when we have a better understanding of their causes and influences on our lives.

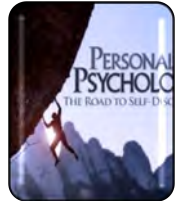


Psychology & Sociology, continued

Personal Psychology I: the road to self-discovery

1 Semester, eDynamic Course, Prerequisite for Personal Psychology II

Personal Psychology I cont... You will trace development, personality, and behavior from infancy through adulthood. You'll also learn about such topics as perception, consciousness, and sensation on your way to exploring all that psychology can offer to help you understand the human experience.



Personal Psychology II: living in a complex world

1 semester eDynamic Course, must take Personal Psychology I

Personal Psychology II: Living in a Complex World will explore what makes you, from why some things motivate you more than others to what helps determine your IQ. If you've ever wanted to dive into the depths of who you are and how you got to be you, jump on board and start your exploration now!



Peer Counseling

1 semester, Edgenuity Course

This course offers ways for you to explore this valuable skill and better understand how it can make a difference in the lives of others. Peer Counseling will show you the way to provide support, encouragement, and resource information. Learn how to observe others as a Peer Counselor as you carefully listen and offer constructive, empathic communication while enhancing your own communication skills.



Local & World Languages

World Language courses are taught with a combination of an eDynamic course and supported by practice with Rosetta Stone. Local Language will be taught from Kodiak High School.

- Alutiiq I & II
- Spanish I, II, & III
- French I, II, & III

World Languages Outline

Year I

Students begin their introduction with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing.

Year II

Each week consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, cultural presentations covering major native-speaking areas across the globe, and assessments.

Year III

Continuing the pattern, and building on what students encountered in the first two years, each week consists of a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major native-speaking areas in Europe and the Americas.

Extra Core Classes

Extra core classes are available to help students enhance their portfolio, be eligible for the Alaska Performance Scholarship, or make up core class credit.

English

Creative Writing

1 semester, eDynamics

Creative writing is a medium for finding a release of imagination and tapping into your inner world as a writer. In this unit, you will begin to identify different types of creative writing - such as fiction, poetry, and nonfiction - and learn how you can find your place in the wide world of creative writing.



IDEA Writing

1 semester, Edgenuity

This course offers hands-on experience writing personal reflections, definition essays, research essays, persuasive essays, informative essays, and literary analysis essays.



Mythology & Folklore

1 semester, eDynamics

Mythology and Folklore: Legendary Tales will take you through these ancient tales, illustrating all the while how these famous anecdotes have helped humans make sense of the world.

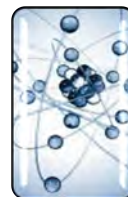


Science

Physics

Year Long Course, Edgenuity Course

Combining scientific inquiry with advanced mathematics, Physics is a stimulating, two-semester high school-level course that will challenge students to understand and explain how energy, matter, and motion are all related. Engaging lessons introduce theories and experiments and encourage students to develop the knowledge and understanding necessary to support conclusions with numerical results. Inspiring students to relate knowledge to real-world applications, the course connects basic principles to more complex ideas in many fascinating areas: thermal energy, vibrations and waves, light and refraction, sound, electricity, and magnetism.



Chemistry

Year Long Course, Edgenuity Course

This rigorous full-year course engages students in the study of the composition, properties, changes, and interactions of matter. The course covers the basic concepts of chemistry and includes 18 virtual laboratory experiments that encourage higher-order thinking applications. The components of this course include chemistry and its methods, the composition and properties of matter, changes and interactions of matter, factors affecting the interactions of matter, electrochemistry, organic chemistry, biochemistry, nuclear chemistry, mathematical applications, and applications of chemistry in the real world.



Math

Trigonometry

Year Long Course, Edgenuity Course

Students will be required to express understanding using qualitative, quantitative, algebraic, and graphing skills. This course begins with a quick overview of right triangle relationships before introducing trigonometric functions and their applications. Students explore angles and radian measures, circular trigonometry, and the unit circle. Students extend their understanding to trigonometric graphs, including the effects of translations and the inverses of trigonometric functions. This leads to the Laws of Sines and Cosines, followed by an in-depth exploration of trigonometric identities and applications. This course ends with an introduction to the polar coordinate system, complex numbers, and DeMoivre's Theorem.



Pre-calculus

Year Long Course, Edgenuity Course

Exploring the relationship between advanced algebra topics and trigonometry, Pre-calculus is an informative introduction to calculus that challenges students to discover the nature of graphs, nonlinear systems, and polynomial and rational functions. With an emphasis on mathematical reasoning and argument, this advanced course scaffolds rigorous content with clear instruction and an array of scaffolds for learning, providing students with a deep understanding of topics such as matrices, functions, graphing, logarithms, vectors, and conics. The course concludes with a brief introduction to calculus that exposes students to limits, continuity, derivatives, and the Fundamental Theorem of Calculus.



Advanced Placement and other courses may be available, please ask the Counselor regarding other options.

University of Alaska Scholars Program



<https://www.alaska.edu/scholars/>

The purpose of the UA Scholars Program is to provide an incentive for Alaska's middle and high school students to achieve academic excellence, to nourish efforts of schools to provide high quality education, and to encourage the top high school graduates from every community in Alaska to attend the University of Alaska.

The UA Scholars program continues to keep Alaska's top high school graduates in state while continuing their education at the University of Alaska. These students enrich the academic environment at UA as they develop in their roles as future leaders of Alaska. They also represent all the corners of the state and serve as ambassadors between their community and the university. The UA Scholars Program marks a turning point for Alaska.

The UA Scholar Award is awarded to the top ten percent of all graduating seniors from Alaska high schools. It is a \$12,000 scholarship to any of the 15 University of Alaska campuses. With over 500 degree and certificate programs to choose from you are likely to find a program that will help you meet your career goals.

Students eligible for the Award are designated by their high school based on their academic standing at the end of their junior year.

Alaska Performance Scholarship

To apply for the APS and other financial aid opportunities, students must complete a Free Application for Federal Student Aid (FAFSA) by June 30th of each year:
fafsa.ed.gov

There are credit requirements for students to be eligible for the Alaska Performance Scholarship, please see their website.

WHAT is the Alaska Performance Scholarship (APS)?

The Alaska Performance Scholarship provides an opportunity for Alaska high school students to earn a scholarship to help cover the cost of an Alaska postsecondary education. Alaska high school students who take a more rigorous curriculum, get good grades, and score well on college placement or work ready exams, can earn an Alaska Performance Scholarship to qualified Alaska colleges, universities, or vocational/technical programs.

WHO can get the APS?

Alaska residents who graduate from an Alaska high school (public, private, or home school), in 2011 or later and meet the qualifying requirements are eligible for an APS award.

WHERE can the APS be used?

The APS can be used at any participating college or university in Alaska, or for approved career and technical education programs in the state.

HOW MUCH is the APS?

There are three maximum annual award levels: up to \$4,755, \$3,566, and \$2,378. Maximum levels are established based on a combination of minimum GPA and test scores. An APS award may not exceed qualifying costs of attendance (which typically include tuition; fees; required books, supplies, and equipment; room and board; and transportation) remaining after considering all other non-loan aid the student is eligible for. Students may remain eligible for up to 8 semesters, but must fully use the APS within six years of high school graduation.

Check it Out:

www.acpe.alaska.gov

> Financial Aid > AK Performance Scholarship

Example Track

A Four-Year Plan:

Trade or Technical School

Freshman Year

- Composition & Literature 9
- Pre-Algebra or Algebra I
- Physical Science
- World History
- Physical Education / Nutrition & Wellness
- Study Skills
- 1 Elective Choice - recommend a CTE course

Potential activities & events: basketball, volleyball, student council, 'The Young People's Gathering Place' TAY Coalition Event, and the Kodiak College & Career Fair.

Sophomore Year

- Composition & Literature 10
- Algebra I or Geometry
- Biology
- U.S History
- Physical Education / Health
- Study Skills
- 1 Elective Choice - recommend continuing a CTE course

Potential activities & events: basketball, volleyball, student council, PSAT, 'The Young People's Gathering Place' TAY Coalition Event, and the Kodiak College & Career Fair.

Example Track

A Four-Year Plan:

Trade or Technical School

Junior Year

- Composition & Literature 11
- Algebra I or Geometry
- Integrated Chemistry & Physics
- Alaska History & Civics
- Physical Education (.5 credit S1) / Elective (.5 credit S2)
- Study Skills
- 1 Elective Choice - related to field/career of interest

Potential activities & events: basketball, volleyball, student council, PSAT exam, college campus visits, SAT exam, 'The Young People's Gathering Place' TAY Coalition Event, and the Kodiak College & Career Fair.

Senior Year

- Composition & Literature 12
- Personal Finance or Algebra II
- Earth Science
- Elective choice - related to field/career of interest
- CTE Course
- Elective Choice - related to field/career of interest
- Study Skills

Potential activities & events: basketball, volleyball, student council, Accuplacer test, Armed Services Vocational Aptitude Battery (ASVAB) exam, 'The Young People's Gathering Place' TAY Coalition Event, and college campus visits.

Example Track

A Four-Year Plan - College Bound

Freshman Year

- Composition & Literature 9
- Pre-Algebra or Algebra I - A
- Physical Science
- World History
- Physical Education / Nutrition & Wellness
- Study Skills
- 1 Elective Choice - recommend a foreign language

Potential activities & events: basketball, volleyball, student council, 'The Young People's Gathering Place' TAY Coalition Event, and the Kodiak College & Career Fair.

Sophomore Year

- Composition & Literature 10
- Algebra I or Geometry
- Biology
- U.S History
- Physical Education / Health
- Study Skills
- 1 Elective Choice - recommend a foreign language

Potential activities & events: basketball, volleyball, student council, PSAT, 'The Young People's Gathering Place' TAY Coalition Event, and the Kodiak College & Career Fair.

Example Track

A Four-Year Plan - College Bound

Junior Year

- Composition & Literature 11
- Algebra I or Geometry
- Integrated Chemistry & Physics
- Alaska History & Civics
- Physical Education (.5 credit S1) / Elective (.5 credit S2)
- Study Skills
- 1 Elective Choice - recommend Fine Arts, or CTE

Potential activities & events: basketball, volleyball, student council, PSAT exam, college campus visits, SAT exam, 'The Young People's Gathering Place' TAY Coalition Event, and the Kodiak College & Career Fair.

Senior Year

- Composition & Literature 12
- Trigonometry or Pre-Calculus
- Chemistry
- AP U.S. History or AP World History
- CTE Course
- Elective Choice
- Study Skills

Potential activities & events: basketball, volleyball, student council, SAT exam, 'The Young People's Gathering Place' TAY Coalition Event, and college campus visits.

Contact Us

We are located in the old wing of Kodiak High School,
within the Central Office hallway, room F162.

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