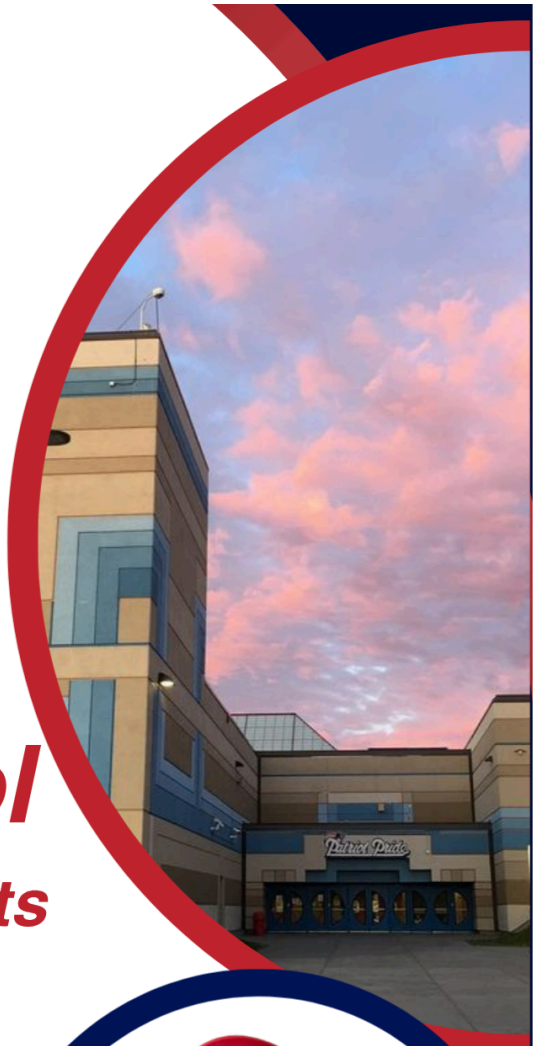


North Pole High School

Home of the Patriots

Course Catalog 2026-2027



Updated 05/28/2026

North Pole High School Grading Scale

Letter Grade	Percentage Range	GPA Points Awarded	AP GPA Points Awarded
A	90-100	4.0	5.0
B	80-89	3.0	4.0
C	70-79	2.0	3.0
D	60-69	1.0	2.0
F	Less than 60%	0	0
P = Pass	60-100	No GPA Points	
NG = No Grade		No GPA Points	

A Semester Course is worth .50 CR
Graduation Requirements 22.5 credits

North Pole High School Contact Information
601 N.P.H.S Blvd.
North Pole, AK 99705
Phone: 907-488-3761

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Updated 05/28/2026

NORTH POLE HIGH

GRADUATION REQUIREMENTS

English 4 Credits

English 9 ..... 1.0 Credit
English 10 ..... 1.0 Credit
American Literature ..... 0.5 Credit
Other Literature ..... 0.5 Credit
Writing Intensive ..... 0.5 Credit
English Elective ..... 0.5 Credit

Health 0.5 Credits

Health ..... 0.5 Credit

PE 1.5 Credits

PE ..... 1.5 Credit
FNSBSD sports can waive .25 credits of PE per completed sports season. Waived credits not to exceed 1.0 credits.

General Electives 7 Credits

Any class in any department counts as an elective credit.

Mathematics 3 Credits

Algebra I ..... 1.0 Credit
Statistics ..... 0.5 Credit
Additional Math ..... 1.5 Credit
Students are required to complete 3.0 credits of high school math.

Science 3 Credits

Physical Science ..... 1.0 Credit
Biological Science ..... 1.0 Credit
Additional Science ..... 1.0 Credit

Social Studies 3.5 Credits

Alaska Studies ..... 0.5 Credit
World Studies ..... 1.0 Credit
U.S. Studies ..... 1.0 Credit
Government ..... 0.5 Credit
Economics ..... 0.5 Credit

22.5 Credits Required for Graduation

Fairbanks North Star Borough School District

Class of 2024 & Beyond

ALASKA PERFORMANCE SCHOLARSHIP CHECKLIST

To receive the APS and other forms of financial aid, students must complete the FAFSA (Free Application for Federal Student Aid) by **June 30th** of each year. ***Visit studentaid.gov***

REQUIRED CURRICULUM

Contact your counselor for information about APS courses. Approved courses may also be available through resources such as the University of Alaska or others. Eligibility is determined based upon courses with a letter grade reflected on your official high school transcript.

Choose from option A, B, or C (curriculum options apply for *all* APS award levels)

Curriculum *Option A*

Science *4 credits*	1, 2, 3 substitution, 4 substitution
Math *4 credits*	1, 2, 3, 4 substitution
Language Arts *4 credits*	1, 2, 3, 4 substitution
Social Studies *4 credits*	1, 2, 3 substitution, 4 substitution OR World Lng, AK Native Lng, Fine Arts, Cultural Heritage or CTE

Curriculum *Option B*

Science *3 credits*	1, 2, 3 substitution
Math *3 credits*	1, 2, 3 substitution
Language Arts *4 credits*	1, 2, 3, 4 substitution
Social Studies *4 credits*	1, 2, 3, 4 substitution OR CTE
Other *2 credits*	*From the* **SAME** *subject: World Language, Alaska Native Language, Fine Arts, Cultural Heritage, or CTE*

Curriculum *Option C*

Science *3 credits*	1, 2, 3 substitution
Math *3 credits*	1, 2, 3 substitution
Language Arts *4 credits*	1, 2, 3, 4 substitution
Social Studies *4 credits*	1, 2, 3, 4 substitution OR CTE
Other *2 credits*	*From* **ANY** *subjects: World Language, Alaska Native Language, Fine Arts, or Cultural Heritage*

NOTE: *Highlighted sections above reflect* **additional course substitutions** *within each Curriculum Option. For example, in Curriculum Option A, two (2) Science credits may be substituted with 2 credits/years of rigorous additional non-standard Science course(s).*

REQUIRED GPA -OR- TEST SCORE

	LEVEL 1	LEVEL 2	LEVEL 3
Maximum Award	UP TO **$7,000** PER YR	UP TO **$5,250** PER YR	UP TO **$3,500** PER YR
GPA	☐ 3.5 OR GREATER	☐ 3.0 OR GREATER	☐ 2.5 OR GREATER
-OR-	-OR-	-OR-	-OR-
Test Score	☐ ACT..... 25 ☐ SAT..... 1210 ☐ WorkKeys.. 18 PLATINUM (no score below 6)	☐ ACT..... 23 ☐ SAT..... 1130 ☐ WorkKeys.. 15 GOLD (no score below 5)	☐ ACT..... 21 ☐ SAT..... 1060 ☐ WorkKeys.. 12 SILVER (no score below 4)

NOTE: *Receive a qualifying score from* **one** *of the following tests: ACT, SAT, or WorkKeys*

Class of 2024 & Beyond

ALASKA PERFORMANCE SCHOLARSHIP CHECKLIST

To receive the APS and other forms of financial aid, students must complete the FAFSA (Free Application for Federal Student Aid) by **June 30th** of each year. ***Visit studentaid.gov***

APS QUALIFYING COURSES

- Only approved courses can be used to complete the required APS curriculum. Eligibility is determined based on courses with a letter grade reflected on your official high school transcript. Each requirement is for a complete unit of credit (can be 1 or more required APS course).
- The State Board of Education & Early Development has published the following approved standard courses. Any course matching the title of standard course with high school rigor can be used to meet APS curriculum requirements.
- Public School Districts may also approve additional courses. Each school district is responsible for providing students with a complete list of APS-qualifying courses.
- Private/Homeschool student APS eligibility is determined by the Department of Education & Early Development (DEED). Submit the *APS Eligibility Determination Application* found in the Private/Homeschool Students section of aps.alaska.gov. Any additional courses used to meet APS requirements must first be approved by DEED.

Please NOTE: ***Students in public school districts can select additional courses only from a* list of approved additional courses *provided by their district.***

WAYS TO ACCESS APPROVED COURSES

Several alternative sources to access approved APS courses are available (such as the University of Alaska or others). In most cases, a fee will be required to enroll in these courses. If you are considering using courses from outside of your school to qualify for the APS, ensure these courses are approved by your district and meet APS requirements.

SCIENCE
standard courses

- ☐ Physical Science
- ☐ Earth Science
- ☐ Biology
- ☐ Chemistry
- ☐ Physics
- ☐ Marine Biology
- ☐ Anatomy & Physiology

MATH
standard courses

- ☐ Algebra 1
- ☐ Algebra 2
- ☐ Geometry
- ☐ Trigonometry
- ☐ Pre-calculus
- ☐ Calculus
- ☐ Calculus 2
- ☐ Statistics

LANGUAGE ARTS
standard courses

- ☐ Composition
- ☐ American Literature
- ☐ World Literature
- ☐ Speech & Debate
- ☐ Advanced Composition
- ☐ Creative Writing
- ☐ British Literature

SOCIAL STUDIES
standard courses

- ☐ World History
- ☐ American History
- ☐ Geography
- ☐ American Government
- ☐ Civics
- ☐ Economics
- ☐ Alaska History
- ☐ Western Civilization
- ☐ Eastern Civilization
- ☐ Psychology
- ☐ Sociology



Review Our FAQ -

SEE FREQUENTLY ASKED QUESTIONS REGARDING APS FOR CLASS OF 2024 AND BEYOND AT:
aps.alaska.gov

Reminder -

Students must complete the FAFSA every year in order to receive the APS.

acpe.alaska.gov/alaskafafsacompletion

WHAT'S YOUR APS STATUS? | Check your award eligibility status and track disbursements from the Alaska Student Aid Portal (ASAP). Create account at acpe.alaska.gov/asap.

NORTH POLE HIGH SCHOOL

English Language Arts



GRADUATION REQUIREMENTS

English 9 - 1 Credit
English 10 - 1 Credit
American Literature - 0.5 Credits
Other Literature - .05 Credits
Writing Intensive - 0.5 Credits
English Elective - 0.5 Credits

Total English Language Arts Credits - 4.0

<u>APS Requirements</u>
Option A - 4.0 Credits
Option B - 4.0 Credits
Option C - 4.0 Credits



English Language Arts

English 9 (year-long)
EN212/213

- This yearlong course fulfills two semesters of the English 9 requirement. This course actively cultivates a growth mindset by encouraging learner reflection and ownership, offering choice, and supporting career-readiness.

English 9 Honors (year-long)
EN214/215
Prerequisite: Teacher Recommendation

- English 9 Honors is designed for advanced readers and writers. This class assumes more ability to read and write independently, more time in discussion rather than in supported reading, an increased reading pace, and a higher level of commitment and preparation in and out of class. This yearlong course fulfills two semesters of the English 9 requirement.

English 10 (year-long)
EN222/223
Prerequisite: English 9

- This is a year long, prerequisite course for all upper level English courses, and is a continuation of English 9. In this class, we use a variety of forms of literature to further develop reading, writing, speaking, and listening skills.

AP Seminar/English 10 Honors (year-long)
Course #: EN224P.1EN224P.2
Grade: 10
Prerequisite: none

- AP Seminar/English 10 Honors is designed for advanced readers and writers capable of in-depth analysis, and who have the interest and self-motivation to read and write independently. This class assumes more ability to read and write independently, more time in discussion rather than in supported reading, an increased reading pace, and a higher level of commitment and preparation in and out of class. The expectation of the level of discourse in this class is a heightened one. Therefore,learners have an increased level of accountability to their class community in terms of keeping up with reading and other assignments. This course continues the journey towards mature literacy. Learners will explore diverse literature and informational texts, including both visual and oral, to further develop reading, writing, speaking, listening, research, technological, and media literacy skills. They will write for a variety of audiences, write a research paper, and utilize tools to create error-free writing. Learners will also participate in class discussions, oral presentations, and group projects. This yearlong course fulfills two semesters of the English 10 requirement.

American Literature(1 Semester Required)

Native American Literature (1 semester)
EN285
Prerequisite: English 10

- This course focuses on Native American cultures and texts, with an emphasis on their role in the mosaic of all cultures that make up our world. Students will learn appreciation for their own and others' cultures through analysis of a wide range of texts and perspectives.

American Literature Shifting Dreams (1 semester)
EN323
Prerequisite: English 10

- American Literature: Shifting Dreams is an integrated, thematic course combines a survey of diverse American authors with composition, and allows learners to explore the changing understanding of the American dream. Prose, poetry, and drama written by American authors are used as vehicles for examining and improving writing skills. Formal literary analysis is required, as well as a variety of other writing experiences. This course fulfills the American Literature requirement. (A/N)

Other Literature (English Elective)

Holocaust Literature (1 semester)
EN202
Prerequisite: English 10

- Holocaust Literature is a thematic approach that challenges learners to pull lessons that connect our world today to the history of the Holocaust, teaching awareness and tolerance for other cultures internationally as well as within our own communities. In this literature based class, learners focus on individual stories and historic content that connect a variety of experiences, allowing learners to 'own' their study of the Holocaust.

Writing Intensive (1 Semester Required)

Creative Writing (1 semester)
EN268
Prerequisite: English 10

- Composition and Media Analysis analyzes various types of media through expository and argumentative writing. Learners research and study various types of media. Emphasis is on the implications of the social and economic aspects of the media, including advertising and propaganda.

Composition & Media (1 semester)
EN201
Prerequisite: English 10

- Composition and Media Analysis analyzes various types of media through expository and argumentative writing. Learners research and study various types of media. Emphasis is on the implications of the social and economic aspects of the media, including advertising and propaganda.

AP Language & Composition
EN260/261
Grades: 11-12
Prerequisite: English 10

- AP Language and Composition is a challenging course that provides an intensive experience in analyzing and applying rhetorical strategies and stylistic devices across the standard modes of discourse: narration, exposition, and argumentation. It focuses on effective writing and critical reading. It is designed to provide a learning opportunity for those learners capable of doing college level work, and the possibility of gaining advanced placement and/or credit in college English upon successful completion of the AP English Language and Composition Examination. The first semester of this course fulfills the writing intensive graduation requirement, and the second semester fulfills the English elective requirement.

English Electives (1 semester Required)

Speech & Debate
EN293
Prerequisite: at least 11th grade standing or teacher recommendation.

- In Speech & Debate, learners will embrace public speaking as performance, communication, and problem-solving. This introductory course will cover a variety of styles of public speaking and formal debate. Emphasis will be on argumentation, logical organization, research, working with others, and being a supportive audience member. Learners will become familiar with these styles through instruction, research, and practice.

Technical Drama (One Semester)
EN205
Grades: 9-12

- Technical Drama is designed to introduce learners to the technical aspects of performance: costuming, scenery, lighting, sound and stage design, stage management, house management, and publicity.

NORTH POLE HIGH SCHOOL

Mathematics



GRADUATION REQUIREMENTS

Algebra I - 1 Credit
Statistics - 0.5 Credits
Math Electives - 1.5

Total Math Credits - 3.0

APS Requirements
Option A - 4.0 Credits
Option B - 3.0 Credits
Option C - 3.0 Credits

Math

Algebra 1 (year-long)
MA201/202

- Those enrolled in this course can expect to learn solving equations, solving inequalities, basic functions, systems of equations, polynomials and factoring, and nonlinear functions. Algebra I is full of fundamental concepts that reappear in nearly every successive science and math course.

Algebra for Finance 1A
MA276
Prerequisite: Algebra I

- Algebra for Finance focuses on building applicable and vital skills for financial independence. This course will teach students algebra material while embedding it in real-life financial skills. In Algebra for Finance, students will master the following topics: expenses, banking, credit, loans (mortgage and automobile), basic employment, income taxes, independent living, basics of the stock market, business modeling, retirement planning, and budgeting.

Algebra II
MA204/205
Prerequisite: Algebra I & Geometry

- Algebra II builds upon previous learned ideas from Algebra I and Geometry. In this class, students will develop mathematical fluency by exploring the applications of advanced equations. As an advanced math class, this course will focus on getting students college ready. In Algebra II, students will master the following topics: linear functions and systems, quadratic functions, polynomials, radical functions, data and statistics, rational functions, exponential and logarithmic functions, and applications of trigonometric functions.

Computer Programming I & II
MA232/233
Prerequisite: Algebra I

- Students will create apps and improve upon them over the course of the school year as their skills and knowledge develop.

Geometry (year-long)
MA221/222
Prerequisite: Algebra I

- Explore Euclidean Geometry and proofs to gain a better understanding of space. Apply these skills through projects and see real world connections to construction and architecture. This course builds algebra skills and explores key ideas that will be utilized in Algebra II. The basics of trigonometric relationships and functions are explored in this course as well.

Geometry in Construction
MA320P/MA321P (year-long)
Prerequisite: Algebra I or teacher recommendation

- Contextualization of Geometry through using hands on skills in the woodshop, building projects. Students will learn all Geometry objectives, home building and maintenance, multi-step problem solving, about construction-related careers

Introduction to Statistics (One Semester)
MA292
Prerequisite: Algebra I

- This class teaches the basics of collecting, displaying, and analyzing data to help everyone make sense of the world we live in.

Math for the Trades and Tech Careers (year-long)
MA281/282
Prerequisite: Algebra I

- Course emphasizes applied mathematics topics that will promote success in industry specific occupations. Students interested in careers such as Carpentry, Electrician, Pipe Fitting, Surveying etc would be well suited for this class.

AP Pre-Calculus (year-long)
MA288P.1/289P.1
Prerequisite: Geometry & Algebra II

- In AP Pre-Calculus, students explore everyday situations using mathematical tools and lenses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. They will learn how to observe, explore, and build mathematical meaning from dynamic systems, an important practice for thriving in an ever-changing world.

  Please visit the College Board-AP Central website for more information (http://apcentral.collegeboard.com).

NORTH POLE HIGH SCHOOL

Science



GRADUATION REQUIREMENTS

Biological Science - 1.0 Credit
Physical Science - 1.0 Credit
Science Electives - 1.0 Credit

Total Science Credits 3.0

APS Requirements
Option A - 4.0 Credits
Option B - 3.0 Credits
Option C - 3.0 Credits



Science

Alaska Zoology Fish and Birds (One Semester)
SC051
Prerequisite: Biology

- From sharks to salmon & from seagulls to eagles! Looking at the vast animals of Alaska! Fish and Birds is a one-semester course that explores the major Alaskan fish and bird groups. The general anatomy, physiology, and behavioral patterns of the major fish and bird groups found in Alaska are discussed. The course also includes game laws/regulations and environmental issues including conservation.

Alaska Zoology Mammals (One Semester)
SC050
Prerequisite: Biology

- From Rodents to Whales! Looking at the vast animals of Alaska! Mammals is a one-semester course that explores the major Alaskan mammal groups. The general anatomy, physiology, and behavioral patterns of the major Alaskan mammal group are discussed. The course will also include game laws/regulations, and environmental issues including conservation.

Biology (year-long)
SC003/004
Prerequisite: Earth & Space Science **or** Teacher Recommendation

- Covering the basics of life through the study of the environment! Biology is a one-year course designed to meet the Biological Science requirement for graduation. The academic focus is to develop student reading, writing, processing, and organizational skills. The scientific focus is to improve science vocabulary, scientific observation, inquiry, experimentation, and analysis skills. Safety skills will be stressed each semester. The first semester will begin with the study of cells, cell structures and their functions, protein synthesis, genetics, and the study of heredity. Second semester will include evolution, characteristics of multicellular organisms with attention to organs and organ systems, and the diversity of organisms and ecology.

Biology Honors (year-long)
SC089/090
Prerequisite: Earth & Space Science **or** Teacher Recommendation

- Be a biologist and learn regular biology but at a deeper level. Choose this class to step up for a challenge which includes more inquiry and lab based activities. Students who chose this class are probably college bound. This is life science credit.

Chemistry (year-long)
SC022/023
Prerequisite: Algebra I & Biology

- Water Chemistry, Periodic Table, Radioactivity, Chemical Reactions, lots of Math! Chemistry is a one-year introductory general chemistry course, which builds a foundation for college-level chemistry, physics, and biology courses. Students learn about chemical reactions and the structure of matter in order to explain how and why substances react the way they do.

Laboratory work and laboratory reporting are an integral part of the course, helping students develop an understanding of the concepts as well as the process of science.

Environmental Science (year-long)
SC091/SC092
Prerequisite: Teacher Recommendation

- In Environmental Science students explore systems and the ways in which human systems affect and are affected by environmental systems. Students approach environmental issues by understanding ecological components and human perspectives. Students address bias and misunderstandings to develop their own opinions about environmental issues. This course focuses on climate change, natural resources, pollution, and energy, and uses all fields of sciences to help students form educated opinions and solutions based on evidence about current and future environmental problems facing society. Students will earn life science credit during semester one (1A) and physical science credit during semester two.

Forensics I (One Semester)
SC011
Prerequisite: Biology & Chemistry

- Begins in semester 1 with Crime Scene analysis, Time of Death, Blood Spatter, DNA evidence, Law enforcement presentations and ramps up to semester 2 including profiling, physical evidence, arson, and so much more. This is science elective credit.

Forensics II (one Semester)
SC013
Prerequisite: Forensics I

- Intended for the more serious forensic science students. They will build upon their forensic knowledge by investigating advanced forensic science techniques. Students will continue to apply the principles and techniques of science to analyzing crime scene evidence. Emphasis will be placed on both qualitative and quantitative engineering design, as well as aspects of the criminal justice system and the admissibility of evidence. Being familiar with human genetics and chemistry is preferred.

Physical Science (year-long)
SC009/010
9-12 grades

- Physical Science provides an introduction to the core concepts of physics and chemistry. Laboratory work is an integral part of the inquiry-based learning process, helping students develop an understanding of the concepts as well as the process of science. The first semester provides an introduction to the core concepts of chemistry (matter and its interactions) with little emphasis on mathematics. The second semester includes an exploration of mechanics (motion, forces, and energy), in addition to the development of important process skills.

Physics (year-long)
SC031/032
Prerequisite: Geometry & Algebra II

- Math involving; Motion, Forces, Energy, Momentum, Thermal Energy, Electricity, Magnetism, and Waves. Physics is an introductory general physics course with an emphasis on mathematics that will build a strong foundation for college-level courses in physics and other sciences. Students are expected to develop an understanding of forces and interactions, energy, and the applications of waves as they are used in information transfer. The first semester is an in-depth exploration of mechanics (motion, forces, energy, momentum). The second semester includes an in-depth exploration of thermal energy, electricity and magnetism, and wave applications in technology.

Marine Biology (One Semester)
SC042
Prerequisite: Biology

- Studying Earth's oceans, from the physical environment to all life found in the ocean. Marine Biology explores the adaptation of marine organisms, ecological concepts and physical processes that structure the marine environment. The course is a study of the environmental impacts of chemistry, geology and other abiotic conditions and the organisms that live in marine environments. The course also examines human interactions with marine ecosystems and the many careers associated with it. Special attention will be given to students' knowledge of Alaska's marine environment, its importance to indigenous people, local economies, food production, and career possibilities.

Wildlife Biology (year-long)
SC062P/063P
Prerequisite: Earth & Space Science or Teacher Recommendation

- Looking at Alaska Wildlife in order to understand biological concepts. Wildlife Biology is a place-based biology class, which will include Indigenous Ways of Knowing and current local environmental/conservation issues. This class will use the rich resources of Alaska and our local area to teach the concepts of biology through a practical knowledge lens. Wildlife Bio is a one-year course designed to meet the biological science requirement for graduation. Through the use of local writings and current events in conservation and environmental issues students will strengthen reading literacy and writing skills.

NORTH POLE HIGH SCHOOL

Social Studies



GRADUATION REQUIREMENTS

Alaska Studies - 0.5 Credits
World History - 1.0 Credit
US History - 1.0 Credit
US Government - 0.5 Credits
Economics - 0.5 Credits

Total Social Studies Credits 3.5

APS Requirements
Option A- 4.0 Credits
Option B - 4.0 Credits
Option C - 4.0 Credits

Social Studies

Alaska Studies (One Semester)
SS029

- In Alaska Studies, learners will become familiar with the historic, economic, political, geographic, and cultural influences on Alaska, and the ways these forces have shaped modern-day Alaskan society.

AP U.S. History (year-long)
SS016/017
Prerequisite: World History S1 & S2, 11th or 12th Grade, and teacher recommendation
Class Fee - AP Exam Fee

- AP U.S. History is designed for learners capable of college level work, follows the description put forward by the College Board, and prepares learners to take the Advanced Placement exam. Through extensive experience with document-based and free-response essay writing, learners will move beyond the basic skills of historical chronology and comprehension to develop historical analysis and interpretation skills, research capabilities, and issues-analysis and decision-making skills.

Economics and Financial Literacy (One Semester)
SS026
Prerequisite: US History 1 & 2

- In Economics and Financial Literacy learners will come to understand basic economic theory by evaluating choices made by businesses, individuals, and governments in their world, through the lens of economic thought while practicing real life skills like budgeting and job skills including job applications, resume building and taxes.

Psychology (One Semester)
SS041
Elective

- Psychology class will give you a chance to look at human behavior, personalities, social groups and interactions. We will learn how to manage and relieve stress, you will dive into social norms and how to conduct experiments.

Recent US History (year-long)
SS004/005
Prerequisite: World History

- Focusing on the people, cultures, issues, and events that shaped the United States from the Reconstruction to the present.

U.S. Government and Civics
SS023
Prerequisite: US History 1

- Focusing on the United States Government and Civics, learners become knowledgeable about the founding documents and philosophies that are the foundation of our representative democracy. We will explore the idea of a citizen's job and the application of the social contract.

U.S. Civil Rights Experience (One Semester)
SS004
10-11 grade
Prerequisite: World History

- In this one-semester course, learners will become familiar with the historical civil rights experiences of various marginalized groups, and the rights these groups gained over time. The learner will understand how the notions of equality under the law and popular sovereignty, articulated in the Declaration of Independence, have expanded throughout history by the actions of the legislative and judicial branches, as well as through grassroots civic engagement. The learner will explore the expansion or contraction of the rights of these various groups in areas such as housing, voting, marriage, property, access to public and private services, education, economics, criminal justice, etc. The learner will select one strand to explore throughout the semester, which may be different from what others in the class select. Below are some suggestions, but the list of strands is not limited to this selection.
  • Women
  • Indigenous Peoples
  • Latinos
  • African Americans
  • Disabled Persons
  • LGBTQ
  • Other marginalized groups
  *May be substituted for Recent US History S2

World Geography (One Semester)
SS030
9-10

- World Geography explores the world through various climate, cultural, economic, and political Structures
  *May be substituted for World History S1

World History (year-long)
SS001/002
10th Grade Year

- World History focuses on global developments, from the empires of the classical age and the emergence of the first global age to the rise of absolutism and revolutionary response of the early 19th century to the present . The learner will explore the influences of geography on humans, the creation of civilizations and empires, and the political systems that developed.

NORTH POLE HIGH SCHOOL

Physical Education & Health



GRADUATION REQUIREMENTS

Physical Education - 1.5 credits
Must take 1 semester of PE

- May use up to 4 PE Sorts waivers for a total of 1.0 credit

Health - 0.5 Credits

APS Requirements
Option A - 0 Credits
Option B - 0 Credits
Option C - 0 Credits



Health/PE

Fundamentals of PE (One Semester)
PE050 - Repeatable

- Fundamentals of PE is an all around PE class that is focused on introducing students to a wide range of activities. Team activities such as Volleyball or Soccer, Individual activities such as Pickleball and basic Physical Fitness activities in the Weight Room are examples of what will be done in this class.

Weight Training (One Semester)
PE064 - Repeatable
Prerequisite: Fundamentals of PE

- Weight Training is designed to promote development of muscular strength and endurance with the knowledge and awareness of safe practices for students who are goal oriented. Students will spend the majority of class following a weight training regimen but they can also expect a variety of activities designed to help them reach their physical goals.

Health (One Semester)
HL001

- Health focuses on the acquisition of accurate health information and the development of healthy attitudes and behavior patterns while exploring topics such as Nutrition, Communication/Relationships, Mental Health, Substance Abuse, and Reproduction/Sex Education.

NORTH POLE HIGH SCHOOL



Art
Elective Credits

GRADUATION REQUIREMENTS

Total Elective Credits - 7.0

<u>APS Requirements</u>
Option A - 0.5 Credits
Can be substituted for one standard course of Social Studies.
Option B - 2.0 Credits from same subject
Option C - 2.0 Credits from any subject



Art

Studio Art 1A
AR001
Beginning Art
Class Fee - $30.00

- A foundation for most other art courses. We will explore a broad variety of mediums- drawing, painting, ceramics, sculpture, jewelry and mixed media. This course stresses the use of the elements and principles of art, the study of artists, the improvement of creative thinking skills, and the process of learning to make informed judgments about art.

2D Art Beginning
AR020
Prerequisite: Studio Art
Class Fee - $30.00

- 2D Art explores a broad variety of 2D art methods: some drawing & painting, but mostly other 2D processes- printmaking, inking, mixed media, collage.

2D Art Intermediate
AR106
Prerequisite: Art I 2D
Class Fee - $30.00

- 2D Art explores a broad variety of 2D art methods: some drawing & painting, but mostly other 2D processes- printmaking, inking, mixed media, collage.

Ceramics Beginning 1A/1B
ART130/096
Prerequisite: Studio Art
Class Fee - $44.00

- Ceramics covers the fundamental skills, knowledge, attitudes, and techniques necessary to begin understanding ceramics. Students learn a variety of hand-building techniques (pinch pots, coils, slabs) while working with clay and may be introduced to the potter's wheel.

Painting 1A/1B
AR023/022
Prerequisite: Studio Art
Class Fee - $30.00

- Painting develops students' understanding of color theory and painting skills. Students explore a variety of painting media, approaches, techniques, surfaces, and technologies while creating: Value Studies, Mixing color, acrylic, watercolor, oil, still lifes, figure painting, etc.

Jewelry Beginning 1A
AR131
Prerequisite: Studio Art
Class Fee - $35.00

- Jewelry covers the skills, knowledge, attitudes, and technology necessary to begin to understand jewelry- making. Various jewelry-making processes are explored as students work with different materials and tools: beading, dreamcatchers, polymer clay, resin, fused glass, metalsmithing-sawing, piercing, soldering, wire work. Tools can be hazardous if used improperly; self-discipline is a must. A safety test must be passed before hazardous tools or materials may be used.

AP Art 2D (year-long)
Prerequisite: Teacher Recommendation
Class Fees - 2D - $40.00 + portfolio submission fee

- This is an intensive course aimed at students who want to refine and improve their art skills, and potentially study art as a career. Students will create a portfolio of work to demonstrate the artistic skills and ideas they have developed, refined, and applied over the course of the year to produce visual compositions.

NORTH POLE HIGH SCHOOL

Performing Arts

Elective Credits

GRADUATION REQUIREMENTS



Total Elective Credits - 7.0

<u>APS Requirements</u>

Option A- 0.5 Credits
Can be substituted for one standard course of Social Studies.

Option B - 2.0 Credits from the same subject

Option C - 2.0 Credits from any subject



Choirs

Concert Choir (year-long, audition)
MU016/017 - Repeatable
Prerequisite: Mixed Choir or Men's Choir
Class Fee - Uniform/Cleaning Fee

- *Concert Choir* is a performing vocal ensemble by audition only. This choir represents the school at various public functions and concerts. A limited amount of time is spent on study of vocal technique, music theory, and ear training. The majority of time is spent on concert literature. Concert participation is required as outlined in the course syllabus.

Show / Jazz Choir (year-long)
MU019 - Repeatable
Prerequisite: Mixed Choir or Men's Choir
Class Fee - Uniform/Cleaning Fee

- *Contemporary choir* is a performing vocal ensemble that gives students an opportunity to experience different styles of music literature and creative process unique to the show/contemporary medium. Movement and dance are an integral part of this course. Concert participation is required as outlined in the syllabus.

Mixed Choir (year-long)
MU001/002 - Repeatable
Class Fee - Uniform/Cleaning Fee

- *Mixed Choir* offers instruction in vocal technique and is open to all students. The development of correct posture and technique is stressed and there are opportunities for ensemble singing as students become ready. Concert participation is required as outlined in the course syllabus.

Treble Choir (year-long)
MU004/005 - Repeatable
Prerequisite: Mixed Choir or Men's Choir
Class Fee - Uniform/Cleaning Fee

- *Treble Choir* is a performing vocal ensemble of soprano and alto voices that represents the school at public functions and concerts. The development of correct posture and technique is stressed and there are opportunities for ensemble singing as students become ready. Concert participation is required
  as outlined in the course syllabus

Band

Concert Band (Year-long)
MU03/035 - Repeatable
Class Fee - $15.00
Prerequisite: 1 year experience or teacher recommendation

- Concert Band is designed for those students who are not ready for the advanced courses, but are past the beginning stage. The course will spend time on technical exercises, scales, etudes, solo,

and ensemble literature and appropriate level band literature. This group is a performance ensemble and represents its school at public functions, athletic events, and evening performances.

Symphonic Band (Year-long)
MU037/038 - Repeatable
Class Fee - $15.00
Prerequisite: Audition

- *Symphonic Band* is designed for the advanced band student. The class will spend time on scales, technical exercises, etudes, solo and ensemble literature, and appropriate level band literature. This group is a performance ensemble and represents its school at public functions, athletic activities, and evening performances. This is a progressive skills class, which may be repeated for credit

Jazz Band (Year-long)
MU042/043 - Repeatable
Class Fee - $15.00
Prerequisite: Audition or Teacher Recommendation

- Jazz Band is a performance ensemble elective designed for the advanced band student. This class gives students the opportunity to experience jazz music, its different styles, and unique creative process. Daily class time is spent on literature with a focus on technique, ensemble skills, and performance etiquette. Students will be required to also be in Symphonic Band, Concert Band, or Chamber Orchestra, unless they play an instrument not commonly found in those ensembles. There will be many opportunities to perform in concerts, at public functions, and to travel to regional and statewide music festivals. Recommended contact time for high school jazz band is 270 minutes per week. This is a progressive skills class, which may be repeated for credit. (R)

<u>Orchestra</u>

Chamber Orchestra (Year-long)
MU031/032 - Repeatable
Class Fee - $15.00
Prerequisite: Audition

- *Chamber Orchestra* is a performing group of string players and represents the school at public functions and concerts. Concert participation is required as outlined in the grading criteria. A limited amount of time is spent on study material. The bulk of the time is spent on concert orchestral literature. Recommended contact time for high school orchestra is at least four times each week during the school day.

Concert Orchestra (Year-long)
MU045/046 - Repeatable
Class Fee - $15.00
Prerequisite: None

- Concert Orchestra is designed for those students who are not ready for the advanced courses but are past the beginning stage. The course will spend time on technical exercises, as well as some orchestral literature in preparing the students for Chamber Orchestra. Recommended contact time for high school orchestra is at least four times each week during the school day.

NORTH POLE HIGH SCHOOL

World Languages Elective Credits

GRADUATION REQUIREMENTS



Total Elective Credits - 7.0

APS Requirements

Option A - 1.0 Credits
Can be substituted for one standard course of Social Studies.
Option B - 2.0 Credits from the same subject
Option C - 2.0 Credits from any subject



Upda

World Languages

Spanish I (year-long)
FL055/056
Class Fee - $20.00 + Dictionary

- Spanish I is an introductory course designed to lay the foundation for students to comprehend and communicate Spanish in everyday life. Students will acquire basic grammar, pronunciation, and comprehension skills while exploring a variety of Spanish cultural topics.

Spanish II(year-long)
FL058/059
Prerequisite: Spanish I
Class Fee - $20.00 + Dictionary

- Spanish II will more fully develop students' knowledge of grammar rules and pronunciation skills while exploring Spanish culture and history. Students will communicate in the target language on a daily basis as they enhance their understanding of additional Spanish speaking countries.

NORTH POLE HIGH SCHOOL

Career Technical Education

Elective Credits

GRADUATION REQUIREMENTS



Total Elective Credits - 7.0

<u>APS Requirements</u>
Option A -1. 0 Credits
Option B - 2.50 Credits from same subject
Option C - 2.50 Credits from any subject



Agriculture, Food, & Natural Resources

Intro to Agriculture (One Semester)
CTEAG200
Grades 9-12

- This class will provide students with the opportunity to analyze the importance of agricultural education in a real-world context, integrating CTE and Science content standards. Students will have the opportunity to develop their own supervised agricultural pathways, as well as compete in state and national FFA leadership and career proficiency events. Students will have the opportunity to interact with industry professionals in horticulture, vet science, and natural resource management, business and marketing, and climatology. Class time will be divided equally between the classroom and greenhouse.

Agriculture Animal Health & Veterinary Science
CTEAG202
Grades 10-12
Prerequisite: Intro to Ag, Medical Terminology 1B

- Animal Health & Veterinary Science focuses on the development of essential knowledge and technical skills required for entry into careers within the veterinary science and veterinary medicine fields. Students will engage in hands-on practice to learn to identify unhealthy animals, will learn about disease prevention and treatment, and will learn when to contact a veterinary professional about an unwell animal. By working on real-life case studies, they further enhance their critical thinking skills and gain a deeper understanding of the complex relationships in the animal healthcare industry. Additionally, the course emphasizes the importance of professional ethics, business management, decision-making, and interpersonal communication. Students will have opportunities for experiential learning and leadership through Supervised Agricultural Experience and FFA involvement, including participation in the Alaska FFA Veterinary Science CDE competition, which aims to enhance college and career readiness by offering students chances to build technical knowledge and showcase practical skills within the veterinary science field. (A)

Agriculture Food Processing, Safety and Marketing
CTEAG204
Grades 10-12
Prerequisite: Intro to AG, AG Plant Science

- Agriculture: Food Processing, Safety, and Marketing is designed to allow students to build content knowledge and technical skills about the food science industry. Students will explore areas such as food safety, food processing, product development, and marketing. Students will participate in problem-solving activities that simulate real-world scenarios. At the end of the semester students will complete a final project that includes developing and marketing an agricultural product. Students will receive food safety training certifications that can be utilized in future careers. Additionally, students will discover the links between their food science lessons and opportunities

for experiential learning and leadership through Supervised Agricultural Experience and FFA involvement. (A)

Automotive Technology

Small Engines 1A/1B
Class Fee - $25.00

- Small Engines 1A covers the principles of small gasoline and diesel engines, safe working habits, employability skills, and environmental concerns related to internal combustion.Small Engines 1B is a hands-on course emphasizing tools and equipment used in small engine diagnostics and repair, fuel systems, and electrical systems.

Basic Auto A (1 Semester)
Prerequisite: Small Engine
Class Fee - $25.00

- Basic Automotive Technology 1A is an introduction to light vehicle transportation. During the course, basic fundamentals about automotive systems and repair are covered for entry into the intermediate automotive course. In addition, alternative fuels, labor rates, technical service bulletins, NHSTA recalls, and career information are covered. This course concentrates on tasks covered in the ASE Education Foundation - Maintenance and Light Repair (MLR) Program.

Intermediate Auto Tech 1
CTEE1013P
Prerequisite: Basic Auto A
Class Fee - $25.00

- Intermediate Automotive Technology 1 is the first of two semesters of an intermediate level course designed for the student that is looking to expand their knowledge of brake systems as well as tires and wheels. This course concentrates on tasks covered in the ASE Education Foundation – Maintenance and Light Repair (MLR) Program and has a prerequisite completion of Basic Automotive Technology 1A or equivalent. (A)

Intermediate Auto Tech 2
CTEE1014P
Prerequisite: Intermediate Automotive Technology 1A
Class Fee - $25.00

- Intermediate Automotive Technology 2 is the second of two semesters of an intermediate level course designed for the student that is looking to expand their knowledge of automotive steering & suspension systems, manual drive train & axles, and automatic transmissions & transaxles. This course concentrates on tasks covered in the ASE Education Foundation – Maintenance and Light Repair (MLR) Program standards and has a prerequisite of Intermediate Automotive Technology 1A or equivalent. (A)

Advanced Auto (2 Periods, 2 Semester)
Prerequisite: Basic Automotive
Class Fee - $25.00

- Advanced Auto 1-Advanced Automotive Technology I is the first of two semesters of an advanced course designed for the student that is serious about pursuing a career in the automotive field. The content is rigorous and covers Electrical and Electrical Systems, HVAC, and Hybrid and Fuel Cell Vehicles. These higher-level task allocations are set forth by ASE Education Foundation, and adheres to the Maintenance and Light Repair (MLR) program standards and has a prerequisite completion of Intermediate Automotive Technology or equivalent. Upon successful completion of this course, the student will have entry-level technician skills that may allow them to find employment in the automotive trade or continue their education at the post-secondary level.

Welding Technology

Metalworking
CTEC4011/4022
Class Fee - $25.00

- This course is similar to Woodworking, except students work metal. Students will fabricate metal projects using cutting, bending, and assembly tools, and perform welding processes. This is a hands-on building class, with a focus on using tools safely. Students will develop patterns, layout sheet metal projects, cut, bend, and assemble them.

Welding 1A/1B
CTEC501/5022
Prerequisite: Metalworking
Class Fee - $35.00

- The course covers beginning welding and cutting techniques. Students will observe, learn, and perform: Shielded Metal Arc Welding, Gas Metal Arc Welding, Plasma and Flame-Cutting. Students fabricate several projects using these welding and cutting tools. There is emphasis on safe use of hand and power tools.
  Metalworking is the prerequisite.

Culinary Arts

Culinary Art 1A/1B
CTEI103/104
Class Fee - $30.00

- 1A: Culinary Arts 1A is designed for students who are interested in learning how to cook at home. The course will include the study of simple food preparation techniques in a professional environment (e.g.,baking, roasting, sautéing, stir-fry, pastries, salads).

- 1B:Culinary Arts 1B is designed for students who are interested in expanding basic cooking skills learned in Culinary Arts 1A. The course is offered at a higher level with a vision for food with an international flair.

Baking, Breads, and Pastries
CTEI110
Prerequisite: Culinary Arts
Class Fee - $30.00

- Go further into baking concepts than the beginning classes of 1A/1B or even ProStart. The science of baking is covered in detail and students will also learn the core skills required to craft creative adaptations of traditional recipes.

ProStart 1A/1B
CTEI106/109
Prerequisite: Culinary Arts
Class Fee - $30.00

- In ProStart 1A, students will learn the fundamental skills needed to begin a career in the food service industry. This course is an introduction to the foodservice industry, so students will explore topics such as an overview of what is in the foodservice industry, workplace safety, kitchen equipment and soups/sauces.

ProStart 2A/2B
CTEI107/108
Prerequisite: Culinary Arts
Class Fee - $30.00

- In ProStart 2A, students will continue to learn and practice the fundamental skills needed to begin a career in the food service industry exploring topics such as purchasing and inventory, food preparation (e.g., meat, poultry, seafood, stocks sauces), accounting, tourism, retail, and communication.

Health Sciences

First Aid/CPR & Health Careers Exploration
CTEK136
Class Fee - $25.00

- First Aid/CPR & Health Careers Exploration provides an overview of a wide variety of health career related jobs that are essential to the healthcare field. The course emphasizes basic first aid, CPR and AED use. Students will explore various health careers such as sports medicine, firefighting, dispatch and police, veterinary medicine, dental, psychology, optometry, chiropractic, massage therapy, nursing, medicine and forensics. This course will stress personal and interdisciplinary cooperation required to meet patient needs throughout all levels of healthcare. Upon satisfactory completion of the course, the student will be issued first aid and CPR/AED cards.

Intro to Exercise Sci & Sports Med 1A & 1B
CTEK110/111
Prerequisite: Intro to Healthcare & Human Anatomy
Class Fee - $25.00

- Introduction to Exercise Science & Sports Medicine 1A and 1B is a two-semester course designed to teach students components of sports medicine, including the exploration of therapeutic careers. Students will be able to understand and apply medical terminology and abbreviations, identify the anatomy and physiology of the human body, injury prevention, the healing process, rehabilitation techniques, therapeutic modalities, nutrition, and sports psychology.

Intro to Healthcare Occupations
CTEK135
Class Fee - $25.00

- In Introduction to Healthcare Occupations students explore a variety of health related careers and a basic overview of the following areas: roles and responsibilities of health care workers, job and educational opportunities, medical terminology, medical math, legal and ethical issues, confidentiality, personal safety and infection control, problem solving, basic medical skills, and anatomy and physiology related to emergency care.

Medical Terminology 1A/1B
CTEK102/103
Prerequisite: Intro to Healthcare

- Medical Terminology 1A introduces the building blocks of medical terminology, including word parts (combining forms, prefixes, and suffixes), how medical terms are formed, anatomical positions and planes, and correct pronunciation of medical terms and how medical terminology applies to human anatomy, physiology, and pathology. Content will be presented by body systems focusing on word construction, common diseases and conditions, surgical procedures,therapeutic treatments, medical record practice, case studies, and careers.

- Medical Terminology 1B reviews the building blocks of medical terminology, including word parts (combining forms, prefixes, and suffixes), how medical terms are formed, anatomical positions and planes, and correct pronunciation of medical terms and how medical terminology applies to human anatomy, physiology, and pathology. Content continues where Medical Terminology 1A ended on body systems with focus on word construction, common diseases and conditions, surgical procedures, therapeutic treatments, medical record practice, case studies, and careers.

Nutrition in Healthcare
CTEK1044
Class Fee - $10.00

- Nutrition in Health Care is an introduction to the scientific principles of nutrition and their relationship to the life cycle. This course will focus on the importance nutrition plays in personal health, and how to objectively evaluate nutritional intake using scientifically sound resources. Students will analyze their own diets, the basic chemistry of nutrients, digestion and assimilation of food, and the relationship of diet to health and/or chronic disease. Coursework will emphasize teamwork, appreciation of cultural diversity, food safety, healthy snack choices, and meal planning in order to take control of the student's diet and health, as well as provide a foundation for a career in healthcare.

ARCHITECTURE & CONSTRUCTION

Building Trades 1A
CTEC3011
Prerequisite: Algebra I (may be concurrently enrolled)

- Building Trades 1A is designed to introduce students to basic construction craft skills and industry expectations. Shop safety concepts will be emphasized along with the introduction and use of common hand and power tools. There will also be an emphasis on promoting employability skills such as critical thinking/problem-solving, communication skills, and teamwork. These skills will be reinforced through hands-on experiences.

Building Trades 1B
CTEC3022
Prerequisite: Building Trades 1A

- Building Trades 1B is a continuation of Building Trades 1A. This course is designed to introduce students to basic construction craft skills and industry expectations. Shop safety concepts will be emphasized along with the introduction and use of common hand and power tools. There will also be an emphasis on promoting employability skills such as critical thinking/problem-solving, communication skills, and teamwork. These skills will be reinforced through hands-on experiences involving more complex individual and group projects. (A)

NORTH POLE HIGH SCHOOL

Air Force JROTC

Elective Credits

GRADUATION REQUIREMENTS



Total Elective Credits - 7.0

<u>APS Requirements</u>
Option A - 0 Credits
Option B - 0 Credits
Option C - 0 Credits



Air Force JROTC (All ROTC Classes are year long)

AF JROTC Aviation History (Year-long)
MS270/271
1st year cadets
Class Fee - $20.00

- This course focuses on the development of flight throughout the centuries. It starts with ancient civilizations and flight, then progresses through time to future developments in aerospace, with an introduction into cyber technologies. This course tells the story of why we are so proud of our Air Force heritage, laying the foundation for future Air Force JROTC aerospace science courses.

AF JROTC Drill & Ceremony (S1 only)
MS282 - Repeatable
9-12
Student will receive .5 PE credit per semester
Class Fee - $20.00

- The course concentrates on the elements of military drill, and describes individual and group precision movements, procedures for saluting, drill, ceremonies, reviews, parades, and development of the command voice. Cadets are provided detailed instruction on ceremonial performances and protocol for civilian and military events and have the opportunity to personally learn drill.

AF JROTC Honors Senior Project (Year-long)
MS288/289
Seniors only
Class Fee - $20.00

- This course is a capstone/honors project designed for cadets to demonstrate essential skills through reading, writing, speaking, production, and/or performance. Skills in analysis, logic, and creativity will be showcased through successful completion of this project. The Honors Project is primarily targeted for senior cadets.

AF JROTC Management Cadet Corps (Year-long)
MS280/281
(for 11th & 12th Graders)
Full fills .50 PE credit per semester
Class Fee - $20.00

- This hands-on experience affords cadets the opportunity to put theories of previous leadership courses into practice. Cadets in this course are responsible for the planning, organizing, coordinating, directing, controlling, and decision-making for our cadet corps activities. They will put into practice their communication, decision-making, personal interaction, managerial, and organizational skills.

AF JROTC Global & Cultural Studies (year-long)
MS274/275
9-12
Class Fee $20.00
Full fills .50 PE credits per semester

- Introduces students to the world's cultures through the study of world affairs, regional studies, and cultural awareness. The course delves into history, geography, religions, languages, culture, political systems, economics, social issues, environmental concerns, and human rights. It looks at major events and significant figures that have shaped each region. Throughout the course, there are readings, video segments, hands-on activities, other optional activities, technology enrichment, and assessments to guide in the reinforcement of the materials.