

Elective Course Description

Course Name	Outdoor and Subsistence Skills
Course Number	TBD after Board approval
Length of Course	One Semester
Grade Level	7-8, 9-12
Credit Type	0.5 Elective Per Semester (for students in grades 9-12)
Grading Scale	A-F
Course Prerequisite	None
Course Summary	This course introduces students to general outdoor and subsistence skills. The focus is on the development of knowledge, and understanding the skills necessary to deal with the challenges presented with outdoor and subsistence activities in Southeast Alaska. Students will learn how to prepare for a camping trip, food and water needs, marine and land-based navigation and orientation, how to create shelters in a variety of seasons, basic maintenance and operation of commonly used modes of transportation, how to care for someone in an emergency situation, and careers relating to the outdoors.
Primary Materials	Camping and subsistence gear, navigation and orienteering devices, boats, PFDs, water filtration devices, First Aid kit, various print and video media

<p>Standards</p>	<p>History: D.2 Solve problems by using history to identify issues and problems... D.3 define a personal position on issues while understanding the historical aspects...</p> <p>Geography: A.1 Use maps and globes to locate places and regions... A.5 Evaluate the importance of the locations of human and physical features... B.4 discuss how and why groups and individuals identify with places... C.1 Analyze the operation of the Earth's physical systems... C.3 Recognize the concepts used in studying environments and recognize the diversity... E.2 Recognize and assess local, regional, and global patterns of resource use... E.4 Determine the influence of human perceptions on resource utilization... E.6 Evaluate the impact of physical hazards on human systems...</p> <p>Cultural Standards: B.2 Make effective use of the knowledge... B.4 Identify appropriate forms of technology and anticipate the consequences... D.6 Engage in a realistic self-assessment to identify strengths and needs and make appropriate decisions...</p>
<p>Assessment</p>	<p>Each student will:</p> <ul style="list-style-type: none"> Successfully rig, set and retrieve subsistence gear. Display competence in the use of various navigational and orienteering devices. Show understanding of the subsistence and personal-use fish and game regulations by use of written or oral assessments. Display understanding of basic first aid through practical hands-on activities. Display boat handling and safety by competently leaving the dock, docking, and observing safe practices without reminders. Display competence when shelter building and distress signaling through practical hands-on activities.

Activities

Week 1	Land navigation with map and compass, including using latitude and longitude to pinpoint a destination and navigate to it.
Week 2	Land navigation with GPS including setting waypoints, setting and following a route to a destination.
Week 3	Emergency Shelter Construction using cord, tarps, and edge tools
Week 4	Improvised Shelter Construction using only locally available materials
Week 5	Fire starting and distress signaling, safe practices including use of bow saw, hatchet, tinder Use of distress signals including use of flares, surveyors tape, and mirror Safe foraging including identifying safe species of plants, and accessing potable water
Week 6	Basic First Aid, signs and treatment of hypothermia, treatment of cold water drowning
Week 7	Boat navigation with map, compass and GPS
Week 8	Boat troubleshooting and maintenance; display competence in fuel lines, spark plug cleaning and replacement, oil level check, and oil change
Week 9	Setting and retrieving subsistence gear; crab traps, shrimp pots, halibut skate, gill net
Week 10	Continue setting and retrieving subsistence gear; crab traps, shrimp pots, halibut skate, gill net
Week 11	Identifying and navigating to land features; setting waypoints, planning and following a route.
Week 12	E-scouting, identifying and ground truthing hunting and trapping areas

Week 13	Day pack development; Each student will create a daypack that includes the "Ten Essentials: (first aid, water filtration, snacks, navigation, fire starting, shelter, edge tools, etc.
Week 14	Community Service; distributing fish and shellfish from subsistence activities, assisting elders with firewood, etc. . .
Week 15	Freshwater fishing gear and techniques; identifying productive water, making spring trout traps in creeks, effective rod and reel techniques
Week 16	Freshwater fishing gear and techniques continued