INTERIOR-ALEUTIANS MASTER PLAN

University of Alaska Fairbanks

2006

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INTERIOR-ALEUTIANS CAMPUS MASTER PLAN University of Alaska Fairbanks

2006

Planning Team: University of Alaska Interior-Aleutians Campus Design Alaska Inc





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Dean's Message

The College of Rural and Community Development (CRCD) is one of the eight major academic units of the University of Alaska Fairbanks (UAF). The college serves a culturally diverse and geographically scattered student body through the services of five rural campuses and the Fairbanks based Tanana Valley Campus. The Chukchi Campus in Kotzebue serves the upper northwest area of the state, the Bristol Bay campus located in Dillingham serves the southwestern area, the Interior-Aleutians campus serves the Interior and the Aleutians, the Kuskokwim campus in Bethel is the hub of the southwest Delta and finally, the Northwest Campus serves Nome and the outlying communities in the Bering Straits region of Alaska.

CRCD houses the statewide Cooperative Extension Service, Center for Distance Education, Department of Alaska Native & Rural Development, Developmental Education Department, statewide Early Childhood Education program, Rural Student Services and Rural Alaska Honors Institute. The CRCD service area covers two-thirds of Alaska and serves 160 communities.

The CRCD campuses provide general education at the certificate and associate degree levels, vocational technical education, developmental courses, baccalaureate and a master's degree in Rural Development and many noncredit outreach publications, workshops and seminars through the Cooperative Extension Service.

As CRCD approaches its 20 year anniversary of the University of Alaska community college system restructure, we face the challenge of renewing the rural campus physical environments. To address these challenges, the University of Alaska Fairbanks, Facilities Services, Division of Design and Construction contracted with Alaskan design consultant firms to develop conceptual Master Plans for each rural campus.

After a year of collaborative planning activity involving campus faculty, staff and community leaders and councils, the College of Rural and Community Development Executive Dean is proud to endorse the rural campus Master Plans. The development of these new plans was an ambitious undertaking that demanded much time, effort and creativity on the part of many people.

The primary purpose of the Campus Master Plans is to define a framework of opportunities within which the campuses, university, city, and state leaders can make future decisions on upgrading

existing systems and accommodating new facilities, thus creating an exciting and inviting campus environment.

The Campus Master Plans address the challenges and opportunities before us, including a rising demand for more sophisticated and technologically enriched academic facilities, a need to address the growing deferred maintenance backlog, and the need for collaborative planning. CRCD is not alone in addressing these challenges.

Ongoing fiscal challenges, however, limit unilateral options. The Campus Master Plans identify the importance of strengthening existing partnerships as well as building new relationships with alumni, donors, private developers, neighborhoods, and city, state and federal policy-makers. The Campus Master Plans are the first steps in comprehensively identifying future development opportunities. Implementation will require further campus and community investigation and discussion.

It is our hope that the Campus Master Plans will serve as a beacon in guiding physical development opportunities into the next century.

CRCD campuses continue to make lasting differences in the communities they serve. In 2005 the community campuses combined had over 300 graduates, the majority of which were in high demand job areas. We continue to build key partnerships with school districts, health corporations, tribal, municipal and local governments. It is through these partnerships that we are able to offer quality training and community workshops that result in a better quality of life for our communities.

With higher education in the United States undergoing significant transformations, new ways of receiving and disseminating information, innovative teaching techniques, and state-of-the-art initiatives require new facilities and environments. These campus Master Plans directly address these issues and post secondary education for our students.

UNIVERSITY OF ALASKA FAIRBANKS, INTERIOR-ALEUTIANS CAMPUS MISSION STATEMENT

MISSION

The Mission of the Interior-Aleutians Campus is to integrate lifelong educational opportunities with rural Alaskan and Alaska Native communities, cultures, and ways of life.

VISION

The Interior-Aleutians Campus will build on its uniqueness:

- To offer rural students educational opportunities through our decentralized structure of six rural education centers.
- To foster educational programs, which maintain cultural integrity while addressing community educational needs.
- To serve as an educational bridge for the people of Alaska.

CORE VALUES

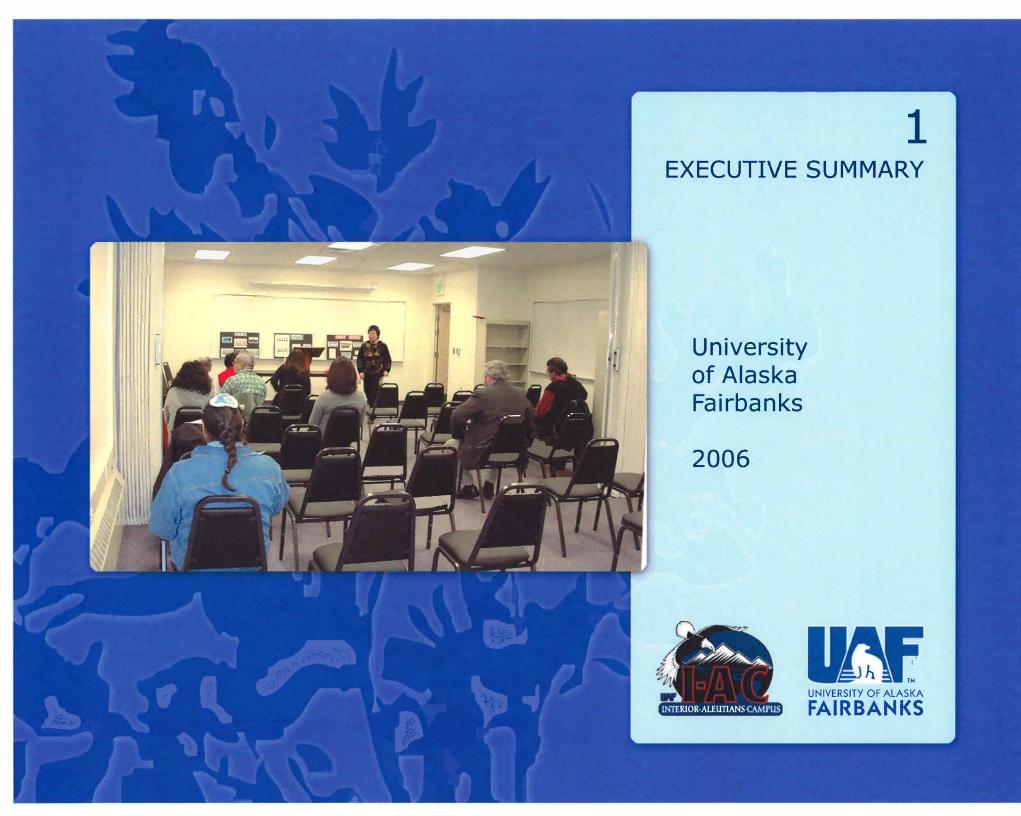
The Interior-Aleutians Campus will give individuals the best opportunity for success by:

- Providing higher education to rural and Alaska Natives who want to study without leaving their traditional lifestyle.
- Creating and nurturing an environment that celebrates Alaska Native culture and rural lifestyles in all their diversity.
- Developing and delivering educational programs in a rapidly changing technological world while maintaining the cultural integrity of Alaska Native cultures.
- Integrating comprehensive local college opportunities and facilitating dynamic growth in rural and Native communities.

CAMPUS GOALS

- 1. Strengthen the Interior-Aleutians student's learning experience through a strong student services program.
- 2. Apply excellence in teaching and research to advance the aspirations of rural Alaskans and the Alaska Native people through a cohort of permanent faculty representing the areas of math, construction trades, and tribal management.
- 3. Merge resources with methods of delivery through improved IT and connectivity.
- 4. Create a tradition of education for future generations through the development of a permanent income program to support workforce training.
- 5. Achieve and sustain the intellectual, human, financial, and physical resources of the Interior-Aleutians campus through a Master Plan that addresses the physical infrastructure needs at I-AC's Aleutians and McGrath Rural Centers.

- Clara Johnson, Director, UAF Interior-Aleutians Campus, "Draft Compact Plan" (Feb. 2002)



1. Executive Summary

BACKGROUND

The UAF Interior-Aleutian Campus Master Plan describes the academic and physical needs of its satellite campuses in Fort Yukon, Galena, McGrath, Nenana, Tok, and Unalaska, and will serve as a guide for the growth and improvement of these campuses.

The Interior-Aleutian Campus serves Alaska's Interior region as well as the Aleutians, a total area of over 200,000 square miles. It is the largest rural campus in the UAF system. Within its boundaries are 11 school districts, several state government services areas, and three regional Native corporations. The Alaska Native populations served by the Campus are culturally and linguistically very diverse.

An important part of IAC growth at each campus location has been partnering with local schools and community organizations. These ties to local institutions not only allow sharing of teaching facilities - they are also a resource base for teachers and for developing community-based programs that will incorporate UAF course studies and provide needed and desired vocational skills appropriate to each community.

STRUCTURE OF THE IAC CAMPUS

An IAC Council of Elders, six area residents from each of the service areas with a satellite campus, acts as an advisory board. Each Rural Center has a Coordinator, who is supervised by the IAC Director. Coordinators meet twice annually at the IAC center in Fairbanks, plus monthly by teleconference. They are responsible for instruction, recruiting and advising students. A total of 58 Interior and Aleutian towns and villages with a total population of approximately 27,000 are served by the IAC Campus.

As of fall of 2004, students enrolled in IAC's programs were over 62% Alaska Native, and older than most undergraduate students: only 25% were under 25, and the average age was 36. More than half of UAF's students are typically under 25, also the average student age.

Yukon-Koyukuk Center in Galena

Tok Center

Yukon Flats Center in Ft. Yukon

Nenana Center

Aleutian/Pribilof Center in Unalaska McGrath Center

Harper Building in Fairbanks

Interior-Aleutians Campus

Troth Yeddha' means wild potato hill and is the name of the hill where the UAF sits. Troth Yeddha' was an important meeting place for the Athabascan people of this area.

EDUCATIONAL PROGRAMS

All IAC Campuses offer instruction and courses offered by UAF's Center for Distance Education (CDE). They also offer the following programs, which are focused on rural needs in each community:

Impact on IAC Master Plan

- Rural Human Services Program
- Early Childhood Education Program
- Tribal Management Program
- Construction Trades Technology Program
- Veterinary Sciences Program (pilot)
- Educator Para-Professional Program

INITIATIVES

The UAF Interior-Aleutian Campus has developed five Initiatives to advance their Goals. They are:

		impact on the master than
1.	Student Retention in Rural Alaska	Expandable Rural Center Facilities
2.	Excellence in Teaching in Rural Alaska: Math, Construction Trades and Tribal Management Faculty at IAC	Faculty Offices at Rural Centers Workshop Facilities Housing for Visiting Faculty & Students from Villages
3.	Technology Access & Distance Education	Electronic Infrastructure & Providers
4.	Work Force Training Scholarships for Rural Students	N/A
5.	Community Campus New Facilities	Show Expansion -Existing Facilities (Ft.Yukon, Galena, Tok) New Facilities- McGrath, Unalaska Facility Needs - Nenana

DELIVERY

IAC's educational delivery model is two fold: on-site at the Rural Centers, partnering with local K-12 or alternative educational facilities, and off-site by distance education: audioconference/teleconference/correspondence to communities served by the Centers.

Telecommunications improvements are key to development of a master plan for educational delivery within IAC's service areas.

ENROLLMENT: A MEASURE OF SUCCESS

The number of students and credit hours enrolled in UAF's Interior-Aleutian Campus has climbed and dropped over the past five years, but the number of admissions and the number of graduates have gradually increased, indicating strong program growth plus increasing community interest. The graph below shows the progress of credit hour and headcount totals from 2002 to 2006.

Interior- Aleutians Campus



DELIVERY MODELS

1. Distance Learning Facilities

A typical distance delivery class might be as small as 3-4 students, or as large as 15-20 students. Due to the prohibitive costs of flying instructors to smaller communities, the courses have to be delivered over phone lines. Therefore a number of small, subdividable classrooms that can deliver these courses would be the most cost effective use of classroom space in a new facility.

A typical IAC Campus distance delivery classroom would have a high band-width Internet connection, good acoustical separation from adjacent spaces, and security for the computer and communications equipment housed in the classroom. At the other end of the connection, the village or town would need to provide an appropriate room for the class, with appropriate matching equipment. Ideally, a class could be conducted in the Campus classroom, and simultaneously conducted in the village classroom, thus enlarging the number of students taking the class, and not just involving a Campus instructor in a central location teaching a long distance away from the students in the village.

Videoconferenced classes are preferable to audioconferenced classes, due to the closer connection between the instructor and students, less reliance on the quality of voice connections, and better question-and-answer capability.

2. Classroom and Instructional Spaces

Because computer-based instruction requires the setup and maintenance of groups of laptops or similar computer equipment, there is a tendency for classrooms with computers to become "computer labs" vs. more traditional classrooms with tables or chairs and an informal learning environment. UAF's Level 1 Classrooms are typically equipped with teaching boards, power/data, projection equipment, and furniture. They are therefore set up for on-site classroom teaching with electronic aids.

Level 2 Classrooms incorporate a "smart cart" for video projection, and a TV with VCR and DVD, and slide projector, for increased audiovisual use of the classroom. Level 3 Classrooms have a "smart podium" for the instructor, a flat screen TV, sound system, multiple projection screens, and video/audio connections. They are designed for large classes of students and multiple audiovideo program components. Level 4 Classrooms, besides the above features, have capability for audio, video, and computer conferencing. This is the level appropriate for rural campus classrooms, because it is designed for distance delivery methods of instruction. Fewer audiovisual equipment items will be needed as long as they are appropriate for the type of course and the receiving equipment at the students' end of the connection.

The worst case for distance delivery instruction is the use of existing offices for student distance learning, with their constant interruptions and poor acoustic separation. Using a speakerphone to discuss materials is often difficult due to poor phone connections. Conducting a class or test by speakerphone also completely disrupts any other activities in the area.

Rooms designed for distance delivery should be appropriately designed, and acoustical separation at the walls and ceiling. At the same time, the classrooms at each end need to have upholstered seating and table space for reference materials, appropriate lighting for computer screens as well as reading materials, windows for views or visual relief, and have a comfortable temperatures and humidity levels, with controls available to the room's occupants.

All spaces designed for UAF rural campuses should follow UAF's Design Standards to ensure appropriate learning environments. Materials and systems should match those in UAF's main campuses where possible, for ease of maintenance.



IAC CAMPUS MASTER PLANS:

The basic needs of rural IAC centers are similar: a core of administrative offices and small classrooms designed for distance delivery and classroom instruction, similar in size to UAF's Type A classroom, for up to 15 students, and furnished with tables and chairs. As the centers grow, Type B classrooms, from 16-30 students, can be added, or a pair of Type A classrooms could be provided initially, with a dividing partition so they could be opened up to form a Type B classroom. Two classrooms would be a minimum requirement for a center.

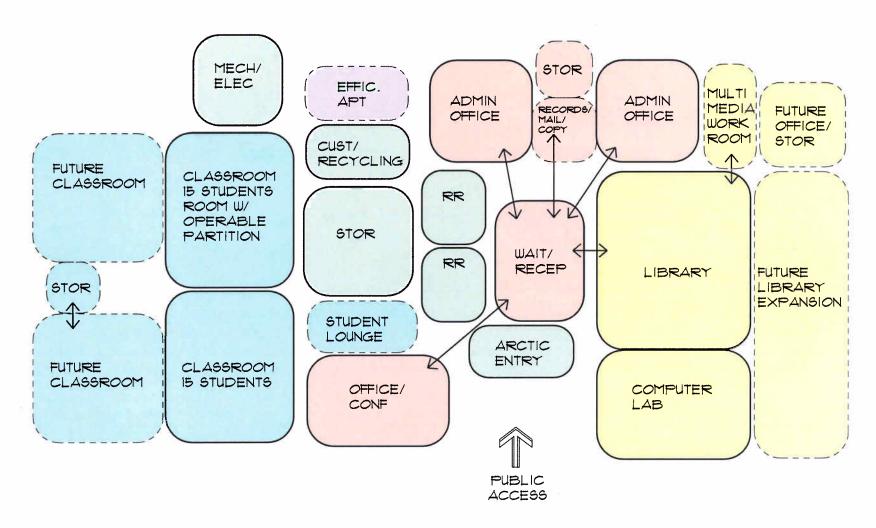
In addition to these basic program areas, support rooms such as a reception area, student lounge, storage room, and custodial room will be needed. These would be supplemented by restrooms sized for the building area and use, and mechanical/electrical equipment rooms.

One special space requested at all the rural centers, due to their location, is a small efficiency apartment for visiting staff, who travel to the centers to present classes or workshops. There are few to no hotels in some communities, and in other locations, like Unalaska, the hotels are very expensive, and generally full on a seasonal basis.

Where partnerships have not been established with local libraries or schools, with reference libraries, the rural centers will need to provide reading & reference materials for students, plus access to the Internet on computers at the centers. Study areas with these materials and computers will enable students to study and do assignments at the centers, away from the distractions of home or work.

SUMMARY OF SPACE REQUIREMENTS FOR RURAL UAF-IAC CENTERS

RURAL CENTER	LOCATION	EXISTING AREA	REQUIRED AREA	COMMENTS
Aleutians/Pribilof Center	Unalaska	700 SF	5172 SF	Future: Apt., Classrooms, Library
McGrath Center	McGrath	1100 SF	5172 SF	Future: Apt., Classrooms
Nenana Center	Fairbanks	0 SF	3616 SF	Future: Apt., Classrooms, Library
				Shop/Science Classroom
Tok Center	Tok	4005 SF	6858 SF	Future: Library/Reference Room,
		900 SF		Science Lab
Yukon Flats Center	Fort Yukon	5326 SF	5326 SF	1
				10-Student Housing Unit,
				Child Care Lab
Yukon-Koyukuk Center	Galena	1262 SF	1262 SF*	1
				Room, Student Lounge, Reception
				Area,
				Storage Room, Apt.
			(* starter facility)	



CONCEPT FLOOR PLAN

SPACE STANDARD REFERENCES

The following space standards were used in identifying rural center space needs and developing prototypical concept floor plans for IAC's rural centers:

For Classrooms:

University of Alaska Fairbanks Design Standards, November 2004 Appendix A - Classroom Design Elements

For Staff Offices, Labs, Shops, or other Program Areas:

"Space Planning for Institutions of Higher Education", Council of Educational Facility Planners (CEFPI), 2006.

For Definitions of (Net) Assignable Areas:

"Postsecondary Education Facilities - Inventory and Classification Manual," July, 1992.



2

MASTER PLANNING PROCESS

University of Alaska Fairbanks

2006





2. Master Planning Process

PLANNING PROCESS & PARTICIPANTS

Initial Meetings

The University of Alaska Fairbanks, Facilities Services, Division of Design and Construction, contracted with Design Alaska in June, 2005, to prepare Master Plans for all six of its rural Interior-Aleutian Campus sites. Work on the project commenced in February, 2006, after the mission, vision and goals for the IAC Campuses were determined by Clara Johnson, IAC Campus Director, working with Dean Bernice Joseph of UAF's College of Rural Alaska.

Janet Matheson AIA, of Design Alaska, met with IAC Director Clara Johnson, UAF-DDC Project Manager Jenny Campbell, Lou Brown of IAC, and Jerah Chadwick, Aleutians/Pribilof Campus Coordinator, on Feb. 15, 2006, to discuss facility needs at the Unalaska Center. We also reviewed general facility needs at each IAC campus. On March 8, 2006, Janet met again with Clara Johnson, Jenny Campbell, and Lou Brown, Shannon Erhart, & Holly Royce of IAC to discuss the scope of work and existing conditions at each campus site. Course offerings, schedules, and facility ownership were also discussed. All planning meetings were held at IAC's Harper Building in Fairbanks.

The rural campuses are all housed in rented or leased facilities, except for the Nenana campus, which is operated from Fairbanks. IAC's headquarters facility, the Harper Building, is located on Geist Road on the University of Alaska Fairbanks campus.

Program Structure

Programs offered at all six campuses are presented using the following methods, used throughout the College of Rural and Community Development:

- Distance Education Courses:
 - Audio Conference
 - May include Internet, Email, Blackboard, Horizon Live
- Independent Learning Courses (Center for Distance Education CDE):
 - Correspondence
 - May have Internet/Blackboard Delivery
- Community Campus Courses:

Held at Campus locations
Tutoring included + meetings with instructors
Workshops may be 1-2 weeks

Site Visits

A schedule of site visits was established, for Design Alaska to conduct facilities assessments on existing facilities and interview staff on their program and facility needs. Site visits were performed on:

*	March 31, 2006	Galena Center	Janet Matheson, Mark Frame - DAk Clara Johnson - IAC)
*	May 1-2, 2006	Aleutian/Pribilof Center	Janet Matheson - DAk Jenny Campbell - UAF-DDC Clara Johnson - IAC
*	May 15, 2006	Tok Center	Janet Matheson, Mark Frame - DAk Patty Green - IAC

Facilities assessment reports were prepared for each center and submitted to UAF-DDC and the Interior-Aleutian Campus. Information from the reports is incorporated in this report.

COMMUNITY INPUT

All of the existing IAC campus facilities are rented or leased from other agencies or school districts, and many share space with other community groups. Partnering with local organizations, especially other educational institutions, to lease or share facility space is an important cornerstone to UAF's educational mission in rural Alaska. Their partners at this time are:

FOR ALL CAMPUSES: AIEF

Alaska Humanities Forum Alaska Student Loan Program

APIA/EAT

Council of Athabascan Tribal Governments

IMSG Systems Group

Interior Regional Housing Association - Construction Trades Program

National Science Foundation

PELL Grant

State of Alaska Dept. of Health & Social Services

Tanana Chiefs Conference (TCC)

UA Scholars Program

UAF Cooperative Extension Service

UAF Departments of Anthropology, Education & Psychology

UAF Employee Waiver

UAF Senior Citizens Waiver U.S. Department of Agriculture U.S. Department of Education

U.S. Department of Housing & Urban Development - Partners in Progress

U.S. Fish & Wildlife Service

AT EACH CAMPUS:

Aleutians/Pribilof Center: (Unalaska, Alaska)

Aleutians East School District

APIA/EAT

City of Unalaska

City of Unalaska Public Library

City of Unalaska Public Safety Department

Museum of the Aleutians Ounalashka Corporation Pribilof School District Qagan Tayagungin Tribe

Qawalangin Tribe

Unalaska City School District

McGrath Center: (McGrath, Alaska)

Anvik Tribal Council Grayling Tribal Council High School of the Pacific Holy Cross Tribal Council Iditarod Area School District Kuspuk School District

McGrath Native Village Council

McGrath School

MTNT

Nenana Center: (Nenana, Alaska) Doyon & Doyon Limited Denali Borough School District Nenana City School District

Northern Lights Badger Lions

Tanana Tribal Health

Upper Tanana Alcohol Program

Yukon Flats Center:

City of Fort Yukon

(Fort Yukon, Alaska)

EDA

Gwichyaa Gwich'in Tribal Government IC Transit & Vocational Technology Offices

Yukon Flats School District

Yukon-Koyukuk Center:

(Galena, Alaska)

AIEF

Evansville Tribe Galena City Schools

Galena International Learning Academy (GILA)

Gana-A-Yoo Koyukuk Tribe Nulato Tribe

Parents as Teachers (City Schools)

U.S. Air Force

Yukon Koyukuk School District

Tok Center: (Tok, Alaska)

Adult Learning Programs of Alaska (ALPA)

AHTNA

Alaska Building Science Network Alaska Gateway School District Alaska Native Language Center

Americore

Cheeshna Tribal Council

City of Cordova

Delta Mine Training Center

Eagle School

Eagle Tribal Council

Fairbanks Native Association

Faith Chapel

IDEA Correspondence Program

Mentasta Tribal Council

Mt Sanford Tribal Consortium

Northway School

Northway Tribal Council

Project Success

State of Alaska Legislative Information Office (LIO)

State of Alaska Department of Natural Resources

State of Colorado

Tanacross Tribal Council

Tok Area Counseling Center

Tok Area Emergency Medical Services (EMS)

Tok Choral Society

Tok Clinic

Tok Lions Club

Upper Tanana Alcohol Program

Upper Tanana Development Corporation

Veterans of Foreign Wars (VFW)

KEY ISSUES AND PLANNING GOALS

Following the site visits, the academic and facility needs of each campus were assessed, and concept plans prepared for each campus, showing how these needs could be met by renovation, expansion, or new construction. Existing and conceptual development plans are included in Chapter 3 through 8 of this report for each IAC Campus.

Key issues in the planning process were:

EXISTING FACILITIES

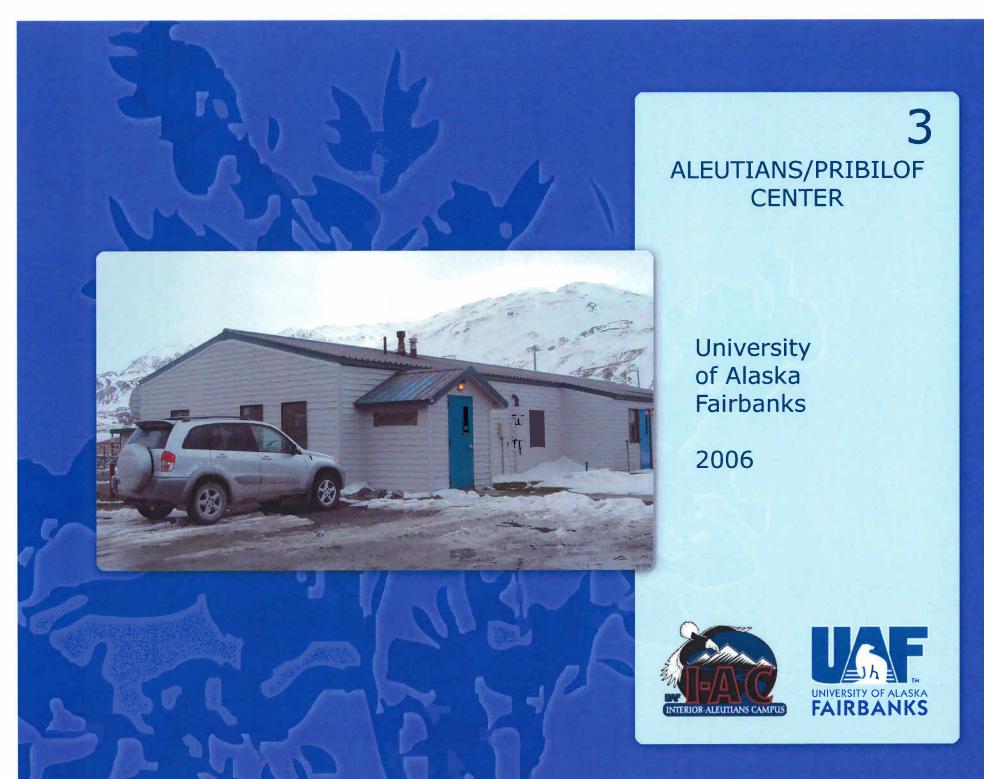
- Existing size, materials, age, and current use
- Infrastructure: utilities services
- Site development and use
- Problems: program-related, maintenance
- Alternative planning concepts, including expansion/renovation

NEW FACILITIES

- Available Sites: Land and building use
- Community Access & Use Partnerships
- Design Criteria
- Phasing
- Cost

The planning goal for each campus was to achieve a short and long term conceptual development plan, that would address all of the Interior-Aleutian Campus Goals. Each plan presents a solution to the physical infrastructure needs of that campus.

Finally, we are presenting a prototypical Rural Center design concept, which can provide a "starter facility" for communities needing a new UAF-IAC facility in their region. It can also be used to upgrade or expand existing facilities, bringing all of IAC's rural campuses to the same level of educational delivery capability.



Aleutians/Pribilof Center

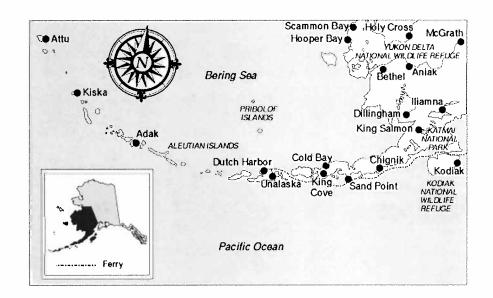
INTRODUCTION TO THE CAMPUS

STUDENT PROFILE

Students at the Aleutians/Pribilof Center are 25% to 30% Alaska Native, similar to the overall population, 15% Asian/Pacific Islander and Hispanic, and 55% Caucasian. The average student is female, over the age of 35, and returning to college after her children are in school. In addition, increasing numbers of students are taking courses bridging from high school to college, and are therefore younger, from 17 to 22 years of age. There are influxes of students who are commercial fishermen, and take classes between fishing seasons.

The Center serves 12 island communities outside Unalaska/Dutch Harbor, with populations ranging from under 100 to 950. The total population served by the center is approximately 8,000. All access to these communities is by air or boat.

- Adak
- Akutan
- Atka
- Cold Bay
- False Pass
- King Cove
- Nikolski
- Sand Point
- Squaw Harbor
- St. George
- St. Paul
- Unga



OVERVIEW: ACADEMIC, RESEARCH & PUBLIC SERVICE PROGRAMS

Academic Programs

Available programs offered at the Aleutians/Pribilof Center include certificate, AA, AAS and BA degrees offered via distance education by UAF, and access to the UAS BA in Business Administration and Master of Public Administration, through a partnership with Telalaska. The Center also provides local classes in Aleut culture and language, local history, work force development (welding, computers, early childhood education), often partnering with regional agencies. Regular UAF curriculum courses are available as well as community interest classes, offered with local instructors.

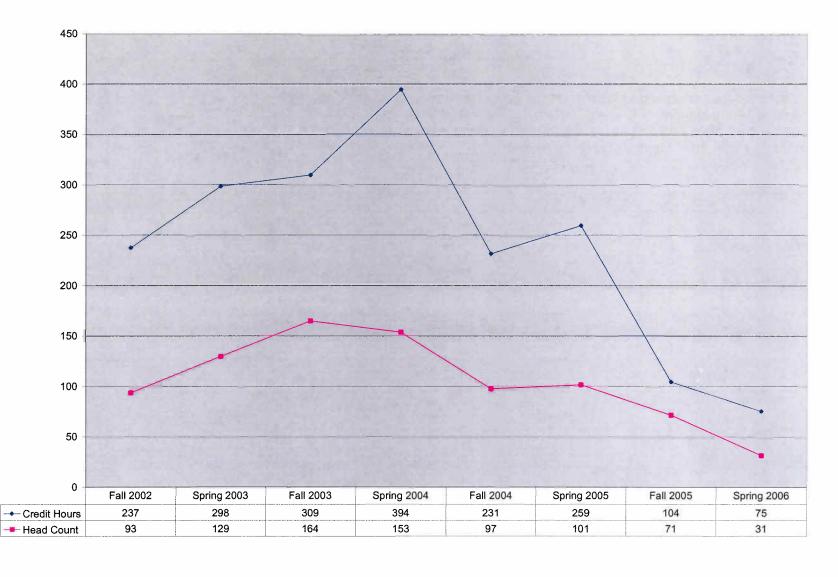
The Aleutians/Pribilof Center has two staff members, a coordinator and administrative assistant. The coordinator, Jerah Chadwick, is an instructor for English courses. The administrative assistant, Shawn Dickson, is an Anthropology graduate, who participates in the organization of archaeological activities in the region.

The Aleutians/Pribilof Center already produces one-third of IAC's student head count. Enrollment is cyclical, and dependent on demographic growth in the community as well as fishing and transportation industry employment. In the spring of 2004, enrollment reached an all-time high of nearly 400 credit hours, with 153 students. It has recently declined, due to fluctuations in the fishing industry and rising energy costs.





Aleutians-Pribilof Center



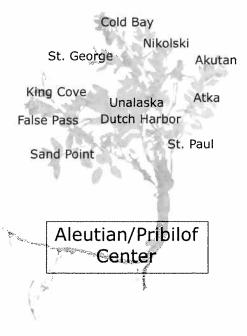
The Center has approximately 700 square feet of space, leased from the Unalaska City School District. It has an arctic entry, reception area, two offices, small restroom, and access to the mechanical room serving the building, which is the jr.-sr. high school's woodworking shop.

Research/Public Service Programs

UAF has a Marine Advisory Agent, Reid Brewer, in Unalaska, whose office and lab are located in a small building adjacent to the city school, and donated at no cost by the school district. Mr. Brewer is an assistant professor with the UAF Alaska Sea Grant Program. He provides information to the public, gives lectures at the Museum of the Aleutians, writes educational articles for the local newspaper, teaches fishing safety, tidal ecology and diving classes, does marine life dissections at the school, and does shellfish testing for marine contaminants.

The Aleutians/Pribilof Center staff organize many public interest programs, in conjunction with community groups such as the Museum of the Aleutians, City Library boards, and the local fishing industry. These have included: Anthropology Excavations, Aleut Bentwood Hatmaking, Aleut Kayak Making, Aleut Medicinal Plant Uses, Aleut Basketry, Stone Tool Making, Lifesaving, Life Guard Training, Med Tech classes (EMS courses), and Commercial Vessel Masters Licensing.

Serving the communities of:



DEVELOPMENT OF THE CAMPUS

Planning History

The Aleutians/Pribilof Center in Unalaska was started in 1979 as one of five Rural Education Centers. Originally there were five centers in this region: King Cove, Sand Point, Cold Bay, St. Paul, and Unalaska. There was also another center in Adak, administered through the UAA military program, but it is now closed, and the Unalaska Center services the Atka and Adak communities. In 1987, all the regional centers except for Unalaska were closed. Transportation at that time was to all outlying Aleutian and Pribilof communities through Unalaska. Now they have air transportation directly from Anchorage at increased costs. For example, for Unalaska staff to reach Sand Point or St. Paul, the next largest cities, the airfare cost is over \$1,500 to reach either community. This cost does not cover per diem, car rental, or the incremental costs of frequent weather delays.

Development of the Campus

The Center's existing facilities are located in a 2,385 SF woodshop next to the City School, constructed in 1972. Approximately 700 SF is leased from the School District, and has been remodeled to provide space for UAF's office operations. The Center uses two academic classrooms, a computer lab, a science classroom, and the School's home economics classroom next door for evening and weekend UAF classes, at no charge. Resource materials, PCs and Internet access (slow) are available at the Center for student use, but are crowded into halls and service areas, and there is little space to use them. UAF Cooperative Extension publications are also made available to the public at the Center.

UAF's Interior Aleutians Campus has a Council of Advisors that meets regularly to develop and update programs and planning documents for each region. At its April, 2005 meeting, the Council was advised of the unhealthy working conditions in the Aleutians/Pribilof Center, with dust and fumes entering its offices spaces from the woodshop next door. The Council passed the following Resolution 05-04:

"It is hereby resolved that all IAC facilities serving the six Rural Centers must be of adequate size and have adequate resources to serve student needs and ensure a healthy environment for students and staff."

A new facility for the Aleutians/Pribilof Center has become the best solution to the current problems with overcrowding and air pollution in the existing Center. In its present location, the Center is part of the City School complex, with no opportunities for expansion, without displacing the woodshop.

In 2001, IAC's Facilities Report identified the need for a larger facility, and estimated its probable cost at \$500,000. In 2004, the College of Rural Alaska's "Service at the Point of Need Report" included the need for a new Community Learning Center in Unalaska.

In June, 2005, IAC submitted a FY06-11 Capital Request to the College of Rural Alaska describing needs for its central Harper Building and Rural Centers. The Aleutians/Pribilof Center requested a new building, and suggested partnering with the Unalaska Museum of the Aleutians to share a student learning center and classrooms. Drawbacks to this proposal are that the Museum's location is located at driving, not walking distance, from the downtown population of Unalaska and City School facilities. Also, the Museum does not own the site on which it is located.

At this time, the Center is looking for more desirable building sites in the downtown site, and defining its needs for a new facility. This report includes a new facility concept plan and proposed site, which could be acquired or leased at very low cost from the City of Unalaska.



EXISTING CONDITIONS

PHYSICAL CONDITIONS OF THE CAMPUS

Campus Building

The Center's current location is in the south end of the Unalaska Jr.Sr. High School's woodshop building, located adjacent to the school, at the corner of King Street & Mission Avenue. Mission Avenue runs parallel to Broadway Avenue, along the rear of the school complex, but the Center's windows look north towards Iliuliuk Bay, past a screen of residential buildings. The building is therefore exposed to strong winds, rain and snow off the harbor. A small vestibule protects the entrance, and parking is adjacent to the building, off Mission Avenue. Two Conex storage buildings, used by the woodshop operations, are placed next to the building on the King Street side.

The exterior of the building is clad with metal siding on the walls and a standing seam metal roof, both in relatively good condition. A satellite dish is attached to one sidewall, below the roof eaves. The exterior door to the arctic entry needs refinishing, and the hinges are rusted, as is the entry roofing. Concrete sidewalks connect the UAF facility and the adjacent wood shop to the secondary school next door. There is a small "University of Alaska" sign identifying the facility, facing Mission Avenue.

The Center's small suite of two offices, reception area, and restroom with adjacent mechanical room are rented from the School District, which includes the utility costs and provides janitorial services. The rented space is approximately 700 sq.ft., but actual programmatic areas (reception and offices) only total 585 SF.

Although these areas are used for teaching, audioconferences, research and study, as well as reception, registration and office uses, they are extremely crowded and lack adequate storage space. Industrial uses in the adjacent workshop introduce paint and glue fumes, as well as fine wood dust filtering the UAF space. Despite rerouting of air vents, and





installation of air cleaners, this problem remains unsolved, requiring the use of windows for ventilation regardless of weather conditions outside.

Another major deficiency in Center operations is the very low speed dialup Internet service from the local provider, as slow as 33 baud. This precludes videoconferencing of classes, and use of "Illuminate Live" or similar distance education programs offered at other UAF rural centers with better Internet service.

The woodshop building is a one storey wood frame building, with insulated stud walls, concrete slab on grade, and exposed glulam roof beams in the wood shop portion. The interior walls and ceilings on the UAF side have painted gypsum board finishes, in good condition. Fluorescent light fixtures are surface mounted. The floor finish throughout the UAF space is carpet, except in the restroom and mechanical room. Operable double hung windows are provided in each office and in the reception area. Doors, hardware, and light fixtures are in good condition.

Since the existing facility lacks any storage rooms, the arctic entry, hall and offices are overflowing with book storage, and a small frig & microwave are stored in the restroom. The reception area serves double duty as a student work/test area, as well as public reception & registration area. The offices are also used for small classes and audioconferencing when necessary.

Although the neighboring woodshop was not in operation during our visit, the combined HVAC system does not provide clean, usable air for the UAF offices. The heating system does keep the facility at a comfortable temperature for the center's staff. The operable windows in each of the three major rooms can be opened to provide temporary cooling or fresh air.





Deficiencies of the existing space, prioritized in order of need, are:

- 1. Insufficient areas for teaching, visiting staff office, student study or resource use (library), computer lab, or materials storage.
- 2. Air pollution from the adjacent woodshop.
- 3. No occupancy separation appears to exist between the two uses in the building (code violation).
- 4. Telecommunications capability is inadequate for the Center's programmatic needs.
- 5. Limited parking next to the building for public visits or student class use.
- 6. Repairs to the exterior finishes, doors and hardware should be made by the School District as part of their routine maintenance schedule.

Since renovation of the existing building to correct these deficiencies will not be possible due to the restricted size, location, and use of the building, which is also owned by the School District and not UAF, an alternate or new facility meeting the Center's needs should be sought in the downtown area of the community.

TRENDS & ISSUES IN SPACE PLANNING

Academic Program Trends

Since the Aleutians/Pribilof Center is currently able to use existing City School classrooms and labs for undergraduate course offerings for 15-30 students, their most critical need is to adequately service the growing need for distance delivery courses, both within the Unalaska/Dutch Harbor area and to other remote locations in the Aleutian and Pribilof Islands.

At the present time, IAC's major educational programs, geared specifically to rural and Alaska Native residents, are not all offered at the Aleutians/Pribilof Center.

<u>Program</u> <u>Curre</u>	ntly Available	Not Yet Available
Associate of Arts	X	
(writing, math, social science,		
humanities)		
Behavioral Health	X	
Construction Trades		X
Educator: Para-Professional	X	
Hutlee (Math Focus Project)	X	
Information Technology Specialist	X	
Rural Human Services	X	
Tribal Management	X	
Veterinary Technician		X

Because of the Center's current location next to the City School woodshop, the facilities for the Construction Trades program are available. Instruction would have to be provided by IAC/UAF. The Veterinary Sciences program is currently being piloted in Interior Alaska communities; the demand for this program would have to be reassessed prior to implementation.

Anticipated Facilities Needs

The Aleutians/Pribilof Campus' present space is only suitable for limited office use: distributing public information on UAF programs; registering students for evening or weekend classes; and interviewing new or ongoing students for counseling or course discussion purposes. The Campus needs classroom spaces, particularly for its distance delivery courses to outlying communities. Audioconferencing, teleconferencing (when adequate Internet access is available) and internet software-based courses all need to be conducted from the Campus electronically.

As the Campus grows, it is anticipated that more staff offices and small classrooms would be needed. Flexibility of use by partitioning larger spaces will be desireable, as space needs change with the addition or change in educational programs. Directions for expansion need to be identified in a new facility.

Other facilities, especially if partnered with another organization, such as student housing, should be incorporated. Planning for an efficiency apartment with small kitchen, possibly next to a staff/student lounge, would provide overnight or extended stay space for visiting faculty or staff, to eliminate costly hotel bills that would drive up the cost of courses or workshops.

PLANNING OPPORTUNITIES

At this time, a number of sites suitable for a new Aleutians/Pribilof Campus facility are available in the downtown area of Unalaska. Two of these sites are owned by the City of Unalaska, and zoned Public/Quasi-Public, which would be suitable for a post-secondary educational use.

Site #1 - Location: at the corner of Broadway Avenue & King Street

Present Use: Ballfield (now used for soccer).

Existing Structures: Masonry restroom/concessions facility.

Size: 49,600 SF (1.14 acres)

Expansion: possible to the north (outfield - 1.56 acres, owned by the Methodist Church) and/or south (pond - 0.85 acres, privately owned).

Views: north to Iliuluk Bay, past the Methodist parsonage, or

south, across Broadway Avenue, to Unalaska Lake. Utilities: City water, sewer, phone and power - underground.

Other: Used as a City snow dump in the winter.





Site #2 - Location: west of the City School, on Broadway Avenue.

Present Use: parking, with playground to the north.

Existing Structures: Playground equipment.

Size: 77,798 SF (1.786 acres)

Expansion: none. Is currently shared parking for school, church, and

community center.

Views: north to Iliuluk Bay.

Utilities: City water, sewer, phone and power - criss-cross the site,

underground.

Other: Shared parking very scarce in this area. Footprint outside the

buried utilities would be small.

Site #1 is the best site, due to its existing recreational use and ownership, plus possibilities for expansion or shared use with adjacent owners. It is located east of the City School, only one block from the Aleutians/Pribilof Campus' current location. Construction of a new facility on the site would allow the Campus to vacate the School's woodshop, offering that program expansion room.

U.S. Fish & Wildlife Service has identified the adjacent pond as a wildlife habitat, so it may need to be preserved, and could serve as a program site for the Campus. The field north of Site #1 could be co-developed with the Methodist Church as a recreational area for the residential areas to the north, west and east of the field, as well as parking for the Campus.

The City of Unalaska owns Site #1, so arrangements could be made for UAF to purchase or enter a long term lease for the property. There is an existing sidewalk along Broadway Avenue on its north side, to bring pedestrian traffic to Site #1. Buried utilities are available on-site, along King Street. Acquisition of Site #1 and construction of a new facility would provide a new image for UAF's Aleutians/Pribilof Center in an appropriate area of Unalaska. Office space for UAF's Marine Advisory Program could also be made available in a new facility, only a short walk from the MAP's existing lab quarters, on the other side of the City School complex.



A NEW CAMPUS PLAN

The Aleutians/Pribilof Center offers academic programs and community service instruction to the City of Unalaska, Port of Dutch Harbor, and the surrounding villages of the region. Their existing facility has grave deficiencies in lack of adequate distance delivery space, no meeting space, no student services space, crowded office space, and environmental hazards caused by the adjacent woodshop use.

The Center needs a facility which can accommodate program growth and change, provide adequate parking, and most important, provide telecommunications that meets the requirements of UAF's system-wide Level 4 classroom function. The facility needs to withstand the severe weather of Unalaska's climate, and be sited to welcome area residents to an accessible, attractive, functional educational environment at all times of the academic calendar.

SUMMARY OF REQUIRED SPACES FOR A NEW FACILITY

SPACE TYPE	AREA (SF)	SERVICES	EQUIPMENT	COMMENTS
Coordinator's Office	155	Internet Local Area Network (LAN)	Desk, Chair, File Cabinets. PC, Printer	Book Storage- 100 LF
Admin.Asst. Office	155	Internet LAN	Desk, Chair, File Cabinets, PC, Printer	Ref. Storage - 60 LF
UAF Staff Office	155	Internet LAN	Desk, Chair, PC, Printer	For traveling instructors. Ref. Storage - 60 LF
Classrooms (2): Type A 15 student capacity	750	Internet LAN, WAN Level 4 Technology for 2-way interactive communication, audio/ video/ computer conferencing Sink/Counter/ Cabinets	Tables, Chairs, Overhead Projector, Lectern, Smart Podium, 42" Flat Screen TV, Speaker Phones, Digital/ Video Cameras	Combine into one large classroom for 30 students via folding partition. Each classroom to be further subdividable into 2 smaller rooms.
Computer Lab - 35-40 student capacity	525	Internet LAN, WAN Level 4 Technology	Tables, Chairs, PCs, Printers, Scanners	Classroom/Lab
Library/Ref. Room - 35 student capacity	1050	Internet LAN, WAN	4-6 Carrells, Reading Chairs, Book Stacks, 4-5 Reading Tables, Circ./Ref. PCs	Study Area
Total: Program Areas	2790	1177		
Student Lounge	300	Internet LAN Sink/Counter/ Cabinets	3-4 PCs, Tables, Chairs	Work Area
Reception Area	300	Internet Coffee Station	Desk, Chairs, Small Tables, Registration PC	Incl. CES Publication Area
Storage Room(s)	200		Shelving	
Mailing/Copying	120		Copier	
Custodial/Recycling	150	Service Sink	Shelving Recyclable Containers	
Total: Support Areas	1070			
Restrooms	300			
Mech./Elect.	150			
Total: Service Area	450			
Total: All Areas	4310			
Circulation (20% x 4310 SF)	862			
TOTAL AREA	5172	Sining Nigiting Chaff Annahanah		

Future Areas to be Added:

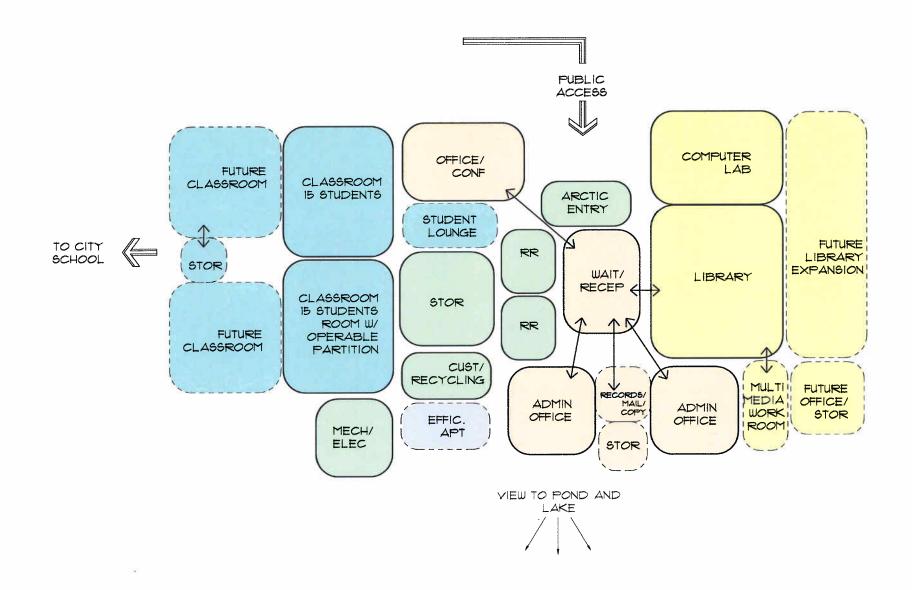
Efficiency Visiting Staff Apartment Classrooms

Library Expansion & Special Rooms

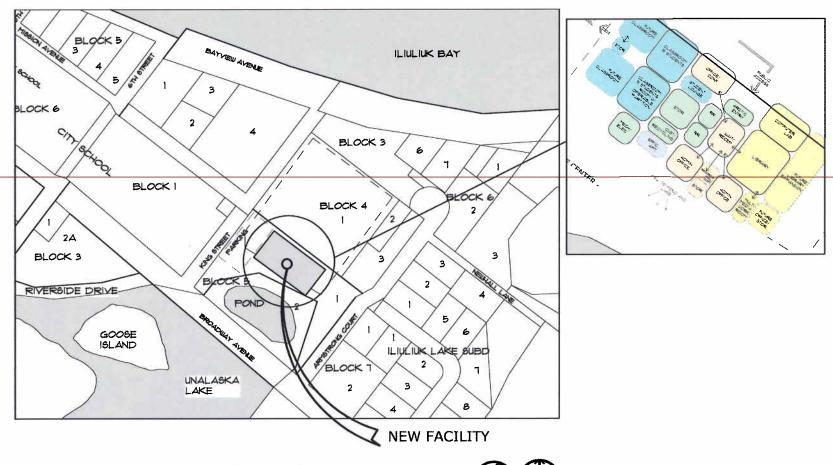
400 SF

375 SF ea.

As required

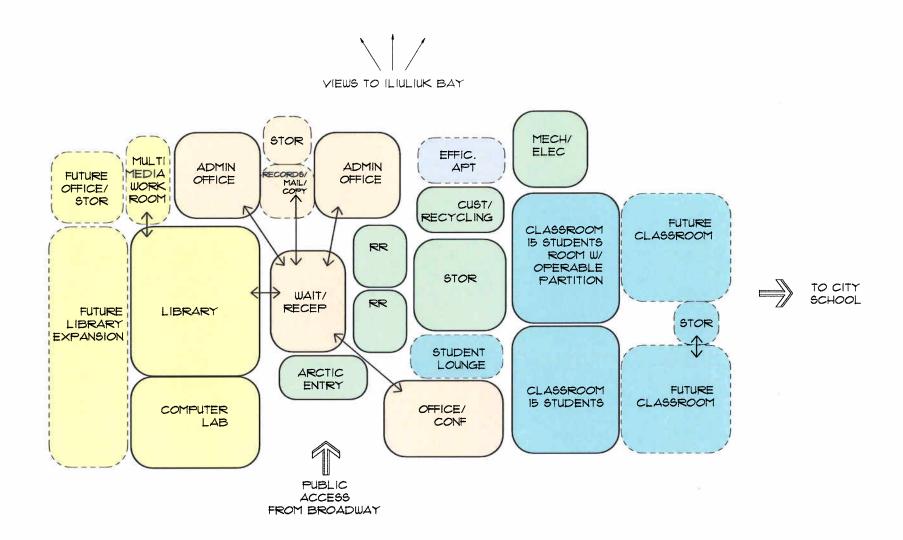


ALEUTIANS/PRIBILOF CENTER - CONCEPT FLOOR PLAN - SITE #1

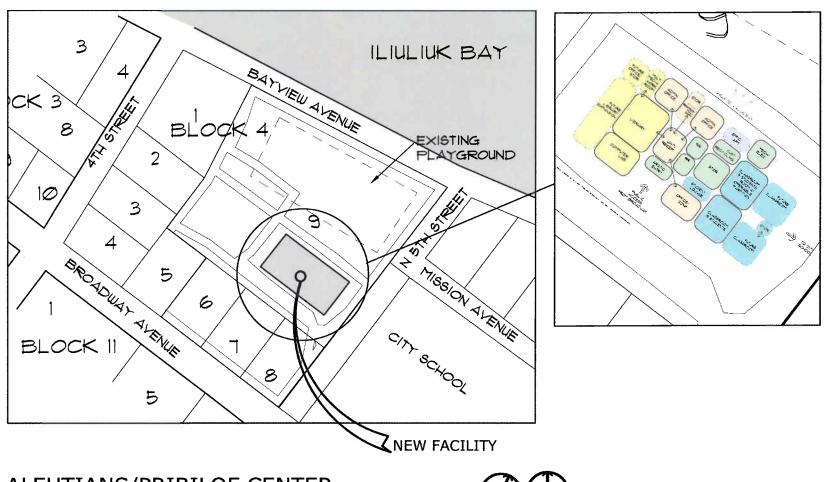


ALEUTIANS/PRIBILOF CENTER - SITE #1 PLAN



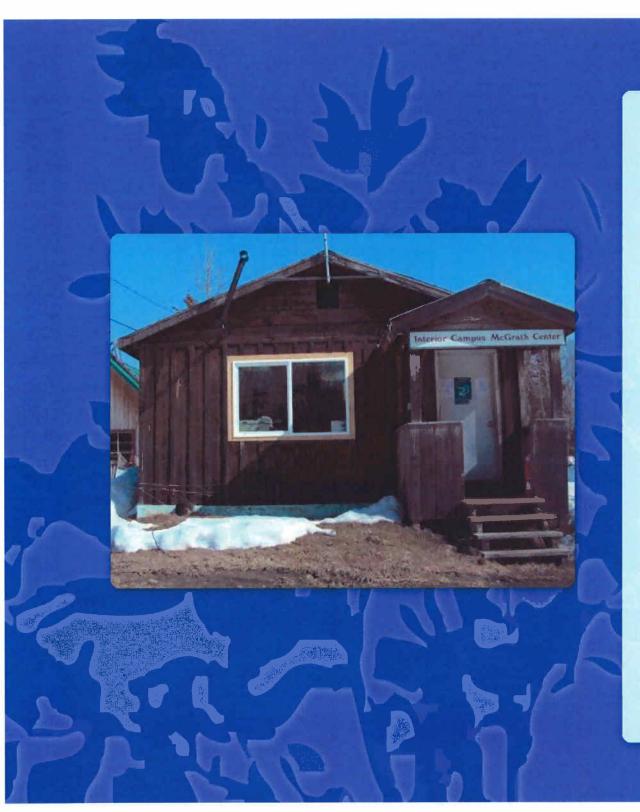


ALEUTIANS/PRIBILOF CENTER - CONCEPT FLOOR PLAN - SITE #2



ALEUTIANS/PRIBILOF CENTER - SITE #2 PLAN





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MCGRATH CENTER

University of Alaska Fairbanks

2006





McGrath Center

INTRODUCTION TO THE CAMPUS

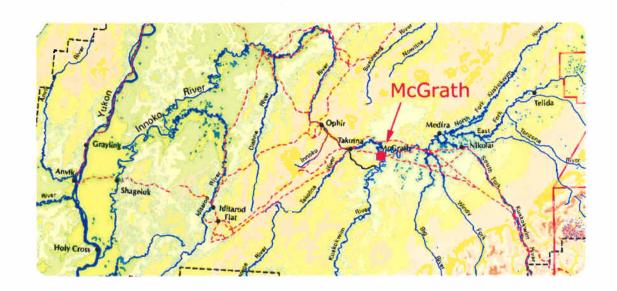
STUDENT PROFILE

The McGrath Center serves a population that is 66% Alaska Native, mostly Athabascan, who speak four of the eleven Athabascan languages. Most residents are seasonally employed, except for government or school employees, and take vocational as well as college classes.

The Center serves 10 villages in the service area. McGrath is located on the Kuskokwim River, just south of the Takotna River, and is accessible by plane or boat. The town is subject to flooding from the Kuskokwim River. The region is split by a mountain range with four of the northern villages on the Yukon River side of the range. The town of McGrath has a population of 367, and the surrounding villages in its region vary from 20-531 people.

Villages served are:

- Anvik
- Grayling
- Holy Cross
- Lake Minchumina
- Lime Village
- Medfra
- Nikolai
- Shageluk
- Takotna
- Telida



OVERVIEW: ACADEMIC, RESEARCH & PUBLIC SERVICE PROGRAMS

Academic Programs

The McGrath Center offers these IAC programs: certificate, AA, AAS and BA degrees via distance education from UAF. The most popular programs at the Center are the following:

- Tribal Management
- Behavioral Health
- Rural Human Services
- Construction Trades
- Veterinary Technician
- Information Technology Specialist

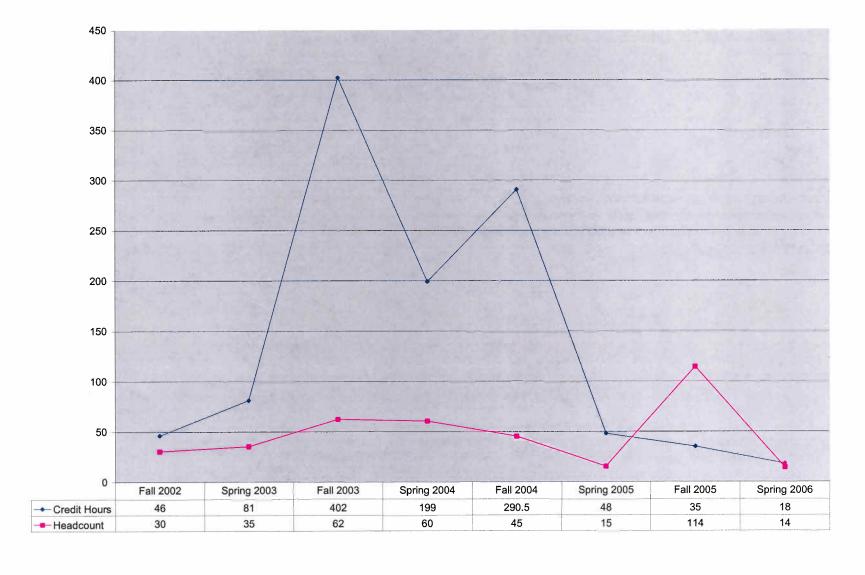
Vocational training courses that have been requested include: mining training, aviation mechanics, small engine mechanics, fire science, and flagging for runway construction. Local community interest courses that have been requested include: digital photography, library science, and local ecology or biology. Community interest courses already offered are:

- Traditional Arts/Crafts
- Culinary Arts/Hospitality: Baking
- Culinary Arts/Hospitality: Sanitation
- Computer Applications: Photoshop, MS Publisher, Excel, Word
- Basic Photography

The McGrath Center currently has two staff members, a coordinator, Mike Baumgartner, and an administrator, Shannon Magnuson. There are also local McGrath residents, particularly elders, who could be available to provide instruction in community interest courses.

McGrath's student headcount has traditionally spiked in the fall semester, and dropped in the spring semester, partly due to seasonal employment and spring dog mushing activities, among other factors. There is a strong interest in vocational training workshops, especially in construction trades and the vet tech program. Native arts and language programs are offered at the McGrath Center and outlying villages according to community interest and demand.

McGrath Center



The existing McGrath Center is housed in the City's former community center. It has two offices, two small classrooms, a restroom, reception area, and separate cold storage unit. Classes are also held at the McGrath School at no extra charge, and students can use the joint School/Community Library.

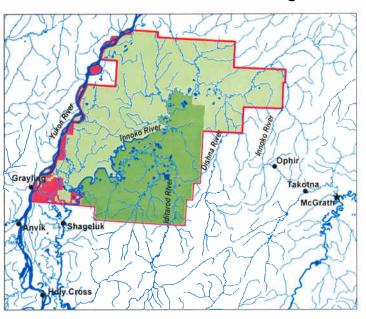
Research/Public Service Programs

Opportunities exist locally for shared programs with the Innoko National Wildlife Refuge, located west of McGrath. Staff for the refuge are located both in McGrath and in Galena. They have educational programs coordinated with Iditarod School district staff, including an annual Science Camp at Round Maintain southwest of McGrath. Elders from local villages are invited to participate in the camp annually.

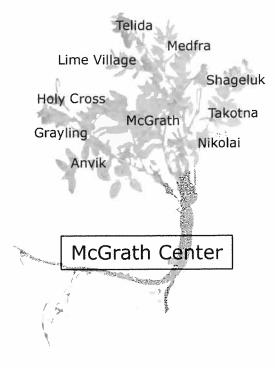
The UAF McGrath Center and Tochak Historical Society have partnered with IASD and other local groups to construct a renovation to the McGrath Museum. The project was approved in 2001, the site and construction documents finalized in 2003, and construction started in July of 2004. The new wing to the museum will contain a display area for artifacts as well as local photo, document and interview collections. Oral histories of residents in the McGrath region are being collected for use at the museum. The Center's close working relationship with the Museum offers continuing opportunities for educational courses related to the Museum's ongoing programs and community support.

The Center is planning to partner with the McGrath Native Village Council to cosponsor classes such as the current Wellness program. A large meeting room/classroom would be needed. Other joint activities for the Center with the Council include potlucks, meetings, gatherings, and open houses. Vocational training classes are also co-sponsored with the Village Council.

Innoko National Wildlife Refuge



Serving the communities of:



DEVELOPMENT OF THE CAMPUS

Planning History

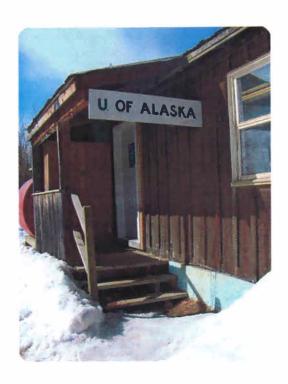
The McGrath Center is currently located in the old community center building. It was constructed in 1942 by the military when the airstrip and FAA communications complex were built to support the Lend-Lease program between the U.S. and Russia. It is a single story wood frame structure, with several small outbuildings, located in the downtown area close to the McGrath City School and Village Camai Center. The building is served by village utility systems with water, sewer, and power.

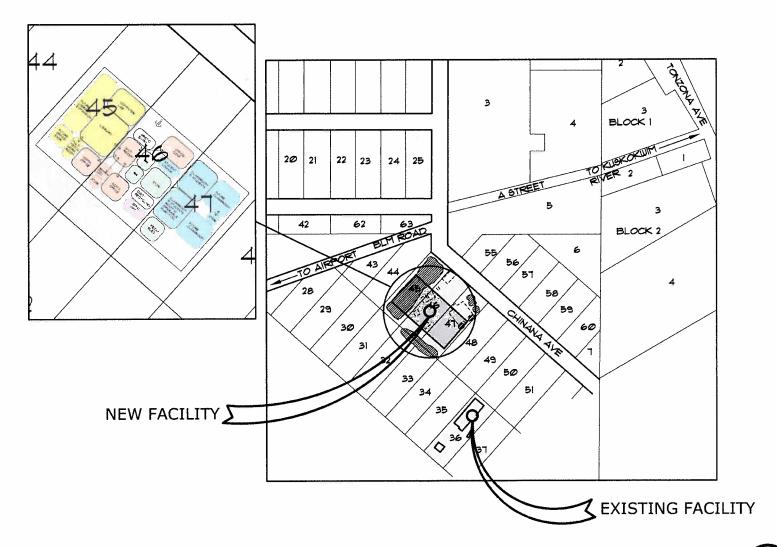
Development of the Campus

The current facility is a 1,100 SF wood frame building, elevated above the surrounding lot, and accessed by two wood stairs. The interior rooms are currently used for registration, audioconferencing, and small classes. Larger classes are held in the City School. The Center has two administrative offices, one combined with a reception area, and a unisex restroom. There are two classrooms, one equipped with bookshelving for the Center's library of reference materials.

Although the Center's location is ideal, its condition is deteriorated, due to its age and lack of renovation. The City of McGrath, which owns the building, has indicated it would prefer to demolish it rather than renovate. The needs of the McGrath Center would therefore be best met by the construction of a new facility on a site owned by UAF.

At this time, IAC has identified a suitable site with three city lots on city utilities, near their existing Center. This report includes a new facility concept plan placed on this proposed site, which could be acquired or leased from the present owner.





MCGRATH CENTER SITE PLAN

EXISTING CONDITIONS

PHYSICAL CONDITIONS OF THE CAMPUS

Campus Building

The McGrath Center is located in downtown McGrath, about two short blocks from the Kuskokwim River to the northeast. The building's main entrance is on the south, with an arctic entry and open porch. There is a second exit/entrance on the east side, with the building's fuel oil tank next to it. Both building entrances have identifying signage. On the gable roof are a satellite dish and TV antenna.

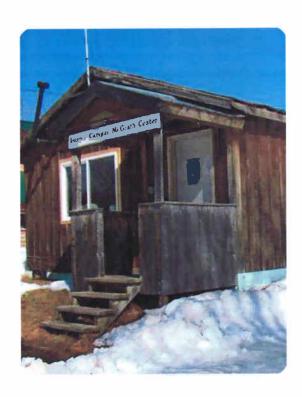
The exterior cladding is board siding, with board-and-batten trim on all four walls. All wall surfaces need restaining or repainting. The building's crawl space has been closed in, with exposed rigid insulation added onto most of its outside length; this material should be covered to protect it from deterioration. The gable roof is covered with rusting metal roofing. The roof fascia boards and other building trim are in need of repainting. The attic gables have vent openings,

At the front entrance, steps and stringers make up a stair, but have no handrails in need of repainting. At the side entrance, there are two handrails on one side at the stairs. Neither set of stairs meets current building code requirements and there is no accessible ramp entrance to the facility.

The building's exterior windows are mainly casement style, several with new unpainted wood trim on the exterior and no trim on the exterior. There are some older wooden double hung units present at well. Two windows have been boarded over on the west side of the building.

(Since a field visit was not made to the McGrath Center, we were not able to assess the condition of the building's structure or service systems.)

Interior finishes within the building are typically painted gypsum board or plywood walls and painted gypsum board ceilings, except for suspended acoustic tile ceilings in the classrooms, which show water staining from roof leaks above. The flooring is carpet, except for the restroom, which has sheet



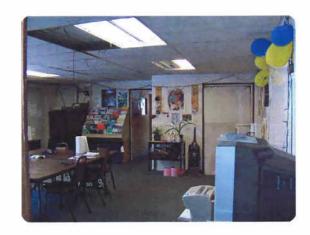
vinyl flooring, but no base or wainscot at the fixtures. The restroom does not appear to be handicapped accessible.

Current deferred maintenance items include the following:

- 1. Old electrical wiring, inadequate for current use. Exposed communications wiring runs across the walls and ceilings in all rooms.
- 2. Acoustical ceiling tiles are broken, discolored, warped, and displaced.
- 3. Old fluorescent light fixtures have cracked and broken plastic covers, and are not secured in the ceiling.
- 4. Missing interior trim at the walls and windows.
- 5. Unfinished and unpainted newer partitioned areas.
- 6. Old stained carpet.
- 7. Sewer system backs up (possibly related to building's location at end of line).
- 8. Inadequate lighting in the hall.
- 9. Old phone system needs replacement.
- 10. Old forced-air furnace inadequate to heat all areas of the building evenly.
- 11. Plumbing problems.
- 12. Limited telecommunications ability: cannot run an audioconferenced class without disconnecting the FAX.

A complete renovation of this old building will be required to repair all of these deficiencies. An examination of the facility may also reveal numerous code deficiencies that need to be corrected. Since the building is owned by the City of McGrath, and size and condition of its existing areas limit the programs that can be offered there, an alternate or new facility that meets the McGrath Center's needs should be located or constructed within the downtown area of the community.





TRENDS & ISSUES IN SPACE PLANNING

Academic Program Trends

The McGrath Center offers courses in their facility in McGrath and also by audioconference, correspondence, or bringing in instructors for local courses in surrounding villages. Native arts and language and industry related or vocational training courses are popular choices for residents in this region. Since the Center is able to utilize McGrath School classrooms for larger class sizes, their primary focus at the Center is providing distance delivery courses and promoting workshops for their outlying communities.

Besides Associate of Arts programs, the whole range of IAC programs are available to McGrath communities, including the popular Construction Trades workshops and Veterinary Technician pilot program. McGrath is a dog mushing community, located on the Iditarod Trail, and its residents are dependent on subsistence hunting and fishing for their livelihood or as major food sources.

There is a strong local interest in the history and culture of Native Alaskans in the McGrath area. The McGrath Center, together with the Tochak Historical Society and Museum, is supporting this interest with related UAF courses and workshops.

Anticipated Facilities Needs

The McGrath Center needs a large meeting room/classroom, to accommodate large groups. This room would require a sink and cabinets, for use at potlucks or other community activities in the evenings or weekends, or for use in culinary arts classes.

The Center has two small classrooms, used for audioconferenced classes. There is demonstrated need for at least 4-5 classroom areas for up to 4 students and their materials, for classes with small but regular enrollments, that require acoustical privacy for the class sessions.

The Center needs a computer lab to offer technology courses on computer software or applications, and also library science classes. Computers for the lab would require high speed Internet connections, current top of the line technology, web cams, and digital photography editing software installed on them. Wireless Internet is desired for students with Internet cards, so they can use their own laptops, but access the Internet at the Center. Passwords can be provided for student use.

At least one computer should be made available for community use, with appropriate screening/blocking to prevent chat room use or surfing of inappropriate websites. Firewall software would be required to protect the Center's computers during Internet use.

The Center could use a shop and science areas with plumbing and basins provided in the teaching area. The shop would be used for Mechanics Aviation and Small Engine Repair, Construction Trades classes, and woodworking or similar classes. A Flagging course for runway construction is planned but needs a suitable location. A science lab classroom is needed with tables for vet technician courses, biology and chemistry courses. It could also be used for training for Physicians' Assistants at the local clinic. There is strong local interest in McGrath in local flora and fauna, so biology and ecology courses can be offered to meet this need.

The Center also could use a small reading room or study area, with comfortable furniture. It could be used as a location for native arts courses, taught by local elders, as well as an area for meetings or study. It could be furnished with local artwork, with finishes in the Athabascan style. An example of a course that could be offered in this setting would be mukluk making, presented jointly with JOM via a MNVC grant.

An important addition to the Center would be a small efficiency apartment, with bathroom/shower, where visiting faculty could stay overnight. This would save on room/board costs for instructors. The Center would be responsible for its maintenance and use.

Other facility needs not addressed by the current facility:

- 1. Staff kitchen for coffee/lunches/refreshment preparation. Right now the only sink in the facility is in the restroom.
- 2. A handicapped accessible ramp entrance to the building.
- 3. Covered vestibules with roof and walls, for protection of the entrances from the weather.
- 4. Ample electrical outlets in each program area, with outlets installed at least every four feet along all walls.
- 5. New phone system, with state of the art technology, suited to an educational center and designed for audioconferencing.
- 6. Communications system that provides for teleconferencing.
- 7. Copier with network connections to computers in the Center, with scanning and FAX options.
- 8. Storage areas for supplies.
- 9. Bookcases and display areas.
- 10. Markerboards in all classrooms.
- 11. Tackboards/bulletin boards for posting scholarship information, tutoring info, course offerings, degree flyers, cooperative extension pamphlets, and general information on the Center.
- 12. More windows to light the building in all seasons.
- 13. Restrooms designed for an educational facility, that are also children friendly, with a child changing area (wall mounted), and handicapped accessible.
- 14. Energy efficient hot water and heating systems for the building.

Because McGrath serves a number of villages with individual school facilities, the classrooms in the McGrath Center should be capable of both audioconferencing and teleconferencing, and built to UAF Level 4 classroom standards. Seating, table

space, lighting for computer screens and reading materials, windows, and comfortable temperature and humidity levels will be required at both "ends" of the connection. Acoustical privacy will be needed to avoid distractions in the classrooms, and the audiovisual communications systems should be state of the art, high speed, and set up correctly by UAF technicians to ensure easy, on-site use.

The McGrath facility should grow in number of classrooms and additional program spaces as regular course offerings are added, and its enrollments increase. Community-based courses like Construction Trades can also be used for facility expansion projects, like the current grant-funded Tochak Museum expansion in McGrath.

PLANNING OPPORTUNITIES

A site for a new McGrath Center facility has been identified, close to the existing site, but consisting of three City lots rather than one. The existing site, the old community center, is located on Lot 36, a rectangular parcel $50' \times 150'$ which is 7,500 SF (0.17 acre). The building and a separate cold storage building share the existing site, leaving little room for parking, which is mainly out on the street in front. There is no landscaping.

The new site is Lots 45-47, directly northwest and two lots to the west of the existing Center. Since all lots in this area of McGrath are the same size, the total area of the new site is 22,500 SF (0.52 acre). This site will allow a larger facility with more on-site parking. Currently, there is a large log cabin and five small sheds on the property, as well as several large existing spruce and birch trees. The existing structures would have to be evaluated for renovation potential vs. replacement, if a new facility is built on this property.

The existing cabin on the new site is already served by City utilities: water, sewer, and power, extended from the street in front of the lots. Access is directly off the existing street to the northeast. There are residences on both sides of the new site, similar to the existing Center's site.





A NEW CAMPUS PLAN

The McGrath Center is currently located in an old community center building leased from the City of McGrath. The configuration of the building limits the courses which can be offered there. The age of the building and lack of periodic maintenance has left it in poor condition, requiring a complete renovation if it continues to be used as a UAF rural center. A new facility would provide the most cost-effective solution to UAF-IAC's facility needs in the community and region.

The McGrath Center needs a facility which can accommodate program growth and change, provide adequate parking for staff and students, and most important, provide telecommunications that meet the requirements of UAF's system-wide Level 4 classroom functions. The facility should be residential in scale, and be constructed to statewide energy efficiency standards to withstand McGrath's cold winters. It should provide a welcoming, community-oriented location for the community's higher education needs.

SUMMARY OF REQUIRED SPACES FOR A NEW FACILITY

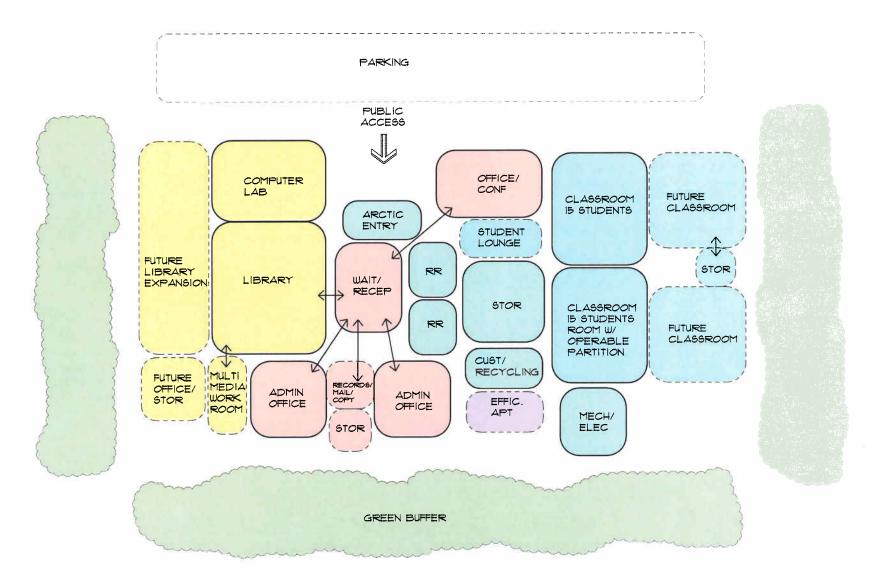
SPACE TYPE	AREA (SF)	SERVICES	EQUIPMENT	COMMENTS
Coordinator's Office	155	Internet, Local Area Network (LAN)	Desk, Chair, File Cabinets, PC, Printer	Book Storage - 100 LF
Admin. Asst. Office	155	Internet, LAN	Desk, Chair, File Cabinets, PC, Printer, FAX, Scanner	Ref. Storage - 60 LF
UAF Staff Office	155	Internet, LAN	Desk, Chair, PC, Printer	For traveling instructors. Ref. Storage - 60 LF
Classrooms (2): Type A 15 student capacity	750	Internet, LAN, WAN Level 4 Technology for 2-way interactive communication, audio/ video/computer conferencing. Sink/Counter/Cabinets	Tables, Chairs, Overhead Projector, Lectern, Smart Podium, 42" Flat Screen TV, Speaker Phones, Digital/Video Cameras	Combine into one large Classroom for 30 Students via folding partition; subdivide each into 2 smaller rooms.
Computer Lab 40 student capacity	525	Internet, LAN, WAN Level 4 Technology	Tables, Chairs, PCs, Printers, Scanners	Classroom/Lab Evening access by students/community.
Library/Ref. Room 16 student capacity	525	Internet, LAN, WAN	4-6 Carrells, Reading Chairs, Book Stacks, 4-5 Reading Tables, Circ./Ref. PCs, Printer, Scanner	Study Area
Shop/Science Classroom	525	Internet, LAN, WAN Sinks/Counters/Cabinets Portable Fume Hood Equipment Exhausts	Tables, Stools, Demo Station, Materials Storage Cabinets/ Shelving	
Total Program Areas:	2790			
Staff/Student Lounge & Kitchen	300	Internet, LAN, Sink/Counter/ Cabinets	3-4 PCs, Tables, Chairs	Work Area/Possible Community Classes
Reception Area	300	Internet, LAN, Coffee Station	Desk, Chairs, Small Tables, Registration PC	Incl. CES Publication Area
Storage Room(s)	200		Shelving	
Mailing/Copying	120		Copier	
Custodial/Recycling	150	Service Sink	Shelving, Recyclable Containers	
Total: Support Areas	1070			
Restrooms	300		Child Changing Station	
Mech./Elect.	150			
Total: Service Areas	450			
Total: All Areas	4310			
Circulation (20% x 4310)	862			
TOTAL AREA	5172			

Future Areas to be Added.

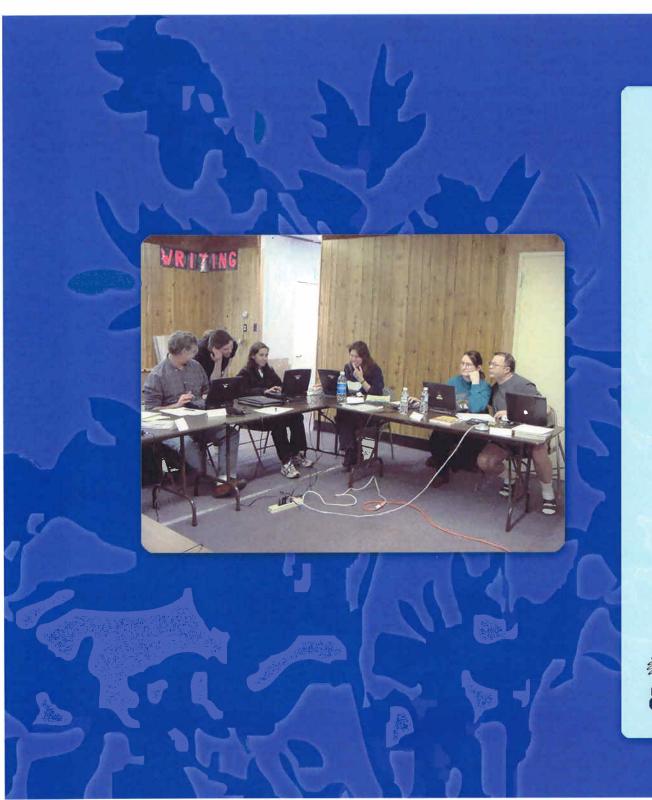
Efficiency Visiting Staff Apartment

400 SF 375 SF ea.

Classrooms



MCGRATH CENTER - CONCEPT FLOOR PLAN



NENANA CENTER

University of Alaska Fairbanks

2006





Nenana Center

INTRODUCTION TO THE CAMPUS

STUDENT PROFILE

The Nenana Center serves a region of over 11,000 square miles, including "Railbelt" communities along the Alaska Railroad between Fairbanks and Denali Park, as well as communities along the Tanana and Yukon Rivers. The Center is located in a portion of IAC's Harper Building in Fairbanks, and organizes courses and workshops in the communities within its region from its administrative offices there.

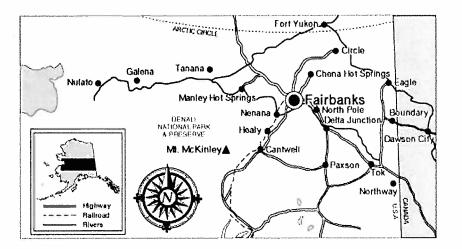
Ideally, the Nenana Center would be located in Nenana, but at this time, IAC has not located a suitable site for a facility. Contacts have been made with the Nenana City School District and City of Nenana to initiate plans for a shared facility that would benefit both parties. Nenana now has a vocational boarding school, the Nenana Student Living Center, as well as an Americorps Tribal Civilian Community Corps (TCCC) program. The Nenana City School District also runs CyberLynx, a statewide K-12 correspondence program for Alaskan home schooled students.



The Nenana Center has a strong bridging program for high school students proceeding with academic or vocational post-secondary education. Continuation and strengthening of this program would be greatly accelerated by establishing a facility in the region's most geographically central community, Nenana.

The Nenana Center serves the following communities, which are accessible by road, except as noted:

- Anderson
- Cantwell
- Clear Air Force Base
- Denali/Denali Park
- Healy
- Lake Minchumina (by air only)
- Livengood
- Manley Hot Springs
- Minto
- Nenana
- Rampart (by air or boat only)
- Tanana (by air or boat only)



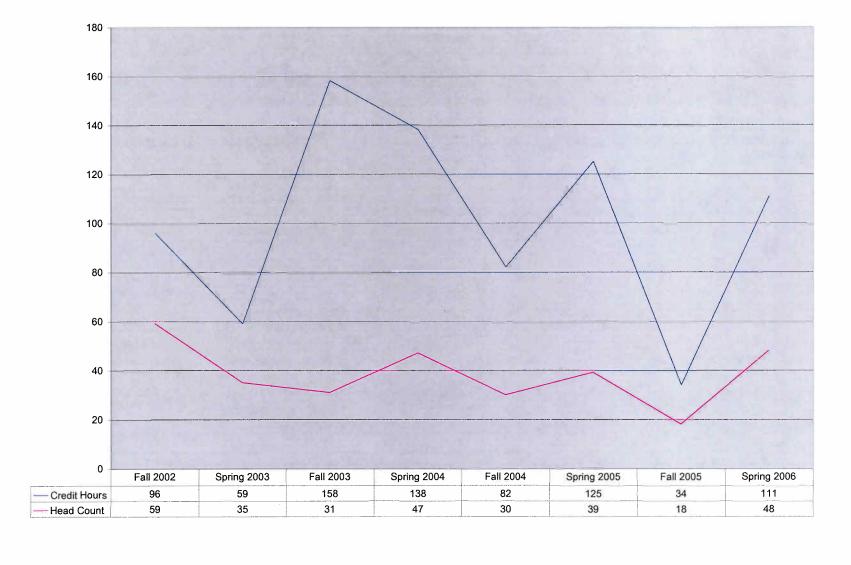
OVERVIEW: ACADEMIC, RESEARCH & PUBLIC SERVICE PROGRAMS

The Nenana Center offers these IAC programs: Certificates, AA, AAS and BA degrees, via distance education -- audioconferencing and correspondence -- from UAF. There is strong local interest in Alaska Native language classes. Classes are also set up locally in the communities of the region, when there are groups of interested students that request them. The high school bridging program concentrates on improving basic learning skills in core curriculum subjects for high school graduates going on to higher education classes. In addition, the Center provides student services information on financial aid and placement testing.

The Nenana Center has a coordinator, Annette Frieburger, based in IAC's Harper Building on the UAF campus in Fairbanks. Its administrative offices consist of one 100 sf office, a 34 sf partitioned area, and 58 sf storage room.

The student headcount for the Nenana Center has varied with the workshops offered and with the numbers of students enrolled in short-term (two year or less) programs, with their quick graduation rates. Many students in Nenana or the railbelt area proceed directly to UAF for their post-secondary degree programs, although this can be cost-prohibitive, and difficult for students leaving a close-knit small community for an urban campus. Establishment of a Center in Nenana would allow rural students from the Railbelt and river communities to remain in at home but still take higher education courses compatible with their regular work hours.

Nenana Center



Serving the communities of:

Lake Minchumina
Rampart
Anderson

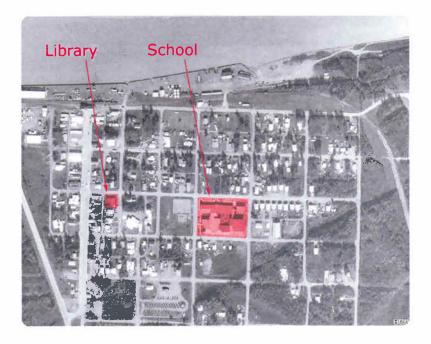
Cantwell
Clear
Nenana
Denali Park
Tanana
Healy

Nenana Center

DEVELOPMENT OF THE CAMPUS

The Nenana Campus needs to acquire a facility that will serve its basic needs, which are similar to those of the other rural IAC campuses. This facility may be leased or rented space, from a local group or municipality - for example, the City of Nenana or Nenana City School District, or a new facility could be constructed on an available site in Nenana.

If larger classrooms, science labs and vocational shops are shared initially with the City School, then a reception area, 2-3 offices, a small computer lab, and 2-4 small audioconferencing rooms would provide a starter facility. Because Nenana is only an hour's drive from Fairbanks, and students can commute to UAF, the majority of its students attending classes at a Nenana Center would be employed in outlying communities, and therefore taking courses in the evenings or on weekends to further their education. Audioconferencing and teleconferencing of UAF courses are therefore an essential component of this facility.



PLANNING OPPORTUNITIES

Another focus of a Nenana Center might be on the educational needs at Clear Air Force Base. Rather than attempt a two hour drive into Fairbanks for classes, Air Force employees or family members could take classes by audio/teleconference through the Nenana Campus, or drive to a Nenana Center, a shorter commuting distance. Tutoring or open labs with inperson instruction could also be provided to students on the Railbelt or Alaska Highway on a regular basis.

Community interest courses could be offered at a Nenana facility, if there were on-site staff there to contact local groups, and investigate possibilities for workshops, clinics, or special classes. Classes with strong local interest could be offered annually, with more information added each year.

A Nenana facility could also serve as an information center for other UAF programs: the Cooperative Extension Service & 4H Program, for example. Offices, information display, and meeting room space would be required to add these programs into the Center.



A NEW CAMPUS PLAN

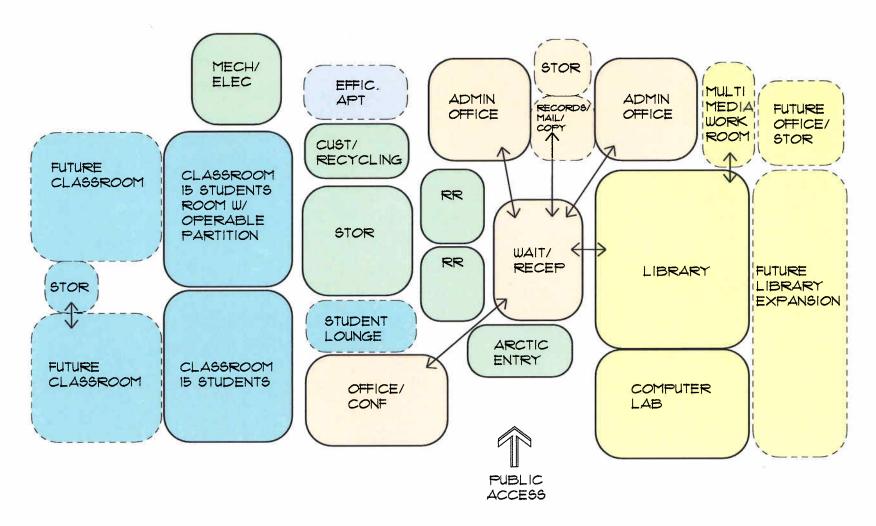
A new facility for Nenana would be a central source for higher education information for students of all ages up and down the Railbelt area and the rivers. Students are already coming to Nenana for high school, and integrated high school/college courses could be offered through a Nenana Center in that community. Strong UAF Level 4 audioconference and teleconference links would be established to outlying communities where classes could be held.

An initial Nenana Center facility would house the following spaces:

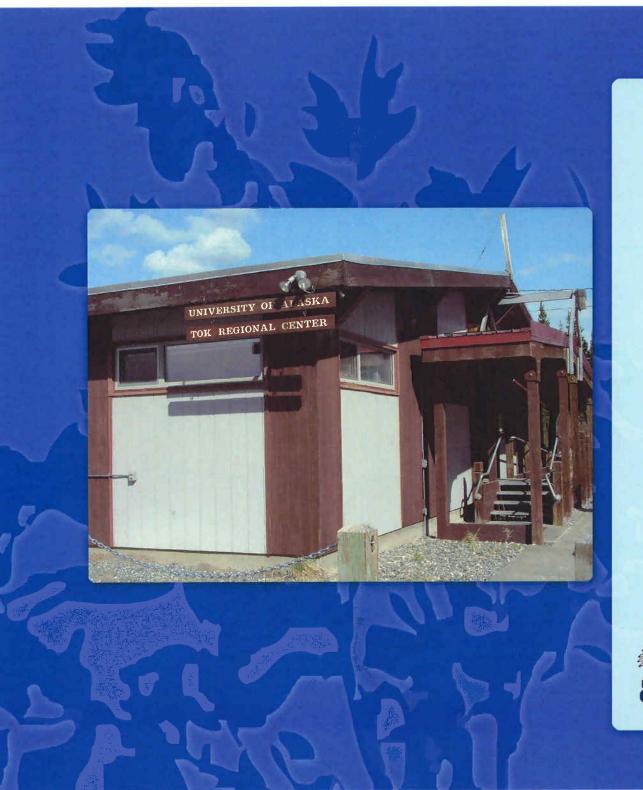
SUMMARY OF REQUIRED SPACES FOR A NEW FACILITY

SPACE TYPE	AREA (SF)	SERVICES	EQUIPMENT	COMMENTS
Coordinator's Office	155	Internet, LAN	Desk, Chair, File Cabinets, PC, Printer	Book Storage- 100 LF
Admin.Asst. Office	155	Internet, LAN	Desk, Chair, File Cabinets, PC, Printer, FAX, Scanner	Ref. Storage - 60 LF
UAF Staff Office	155	Internet, LAN	Desk, Chair, PC, Printer	For traveling instructors. Ref. Storage - 60 LF
Classrooms (2): Type A 15 student capacity	750	Internet, LAN, WAN Level 4 Technology for 2-way interactive communication, audio/ video/computer conferencing Sink/Counter/Cabinets	Tables, Chairs, Overhead Projector, Lectern, Smart Podium, 42" Flat Screen TV, Speaker Phones, Digital/Video Cameras	Combine into one large classroom for 30 students via folding partition; subdivide each into 2 smaller rooms.
Computer Lab: 20 student capacity	400	Internet, LAN, WAN Level 4 Technology	Tables, Chairs, PCs, Printers, Scanners	Classroom/Lab Evening access by students/community.
Total: Program Areas	1615			
Staff/Student Lounge & Kitchen	300	Internet, LAN, Sink/Counter/ Cabinets	3-4 PCs, Tables, Chairs	Work Area/Possible Community Classes
Reception Area	300	Internet, LAN, Coffee Station	Desk, Chairs, Small Tables, Registration PC, Copier	Incl. CES Publications Area
Storage Room(s)	200		Shelving	
Custodial	150	Service Sink	Shelving	
Total: Support Areas	950			
Restrooms	300			
Mech./Elect.	150			
Total: Service Areas	450			
Circulation	603			
(20% x 3015)				
TOTAL AREA	3616			

Future Areas to be Added: Efficiency Visiting Staff Apartment 400 SF
Classrooms 375 SF
Library/Reference Room (Study Area) 525 SF
Shop/Science Classroom 525 SF



NENANA CENTER -CONCEPT FLOOR PLAN



6

TOK CENTER

University of Alaska Fairbanks

2006





Tok Center

INTRODUCTION TO THE CAMPUS

STUDENT PROFILE

The Tok Center serves a 30,000 sq.mile area and population of about 2,300, living in small towns, Native villages, and widely scattered homesteads. The current population in Tok is 19% Native or part Native. Tok is known as the "Sled Dog Capital of Alaska," and is located 200 miles southeast of Fairbanks, at the junction of the Alaska Highway and the Tok Cutoff to the Glenn Highway. It is a transportation, business, service and government center for the area.

The Center, as the only provider of post-secondary educational and vocational training opportunities in the area, hosts classes (on-site, on-line, correspondence, and audioconference), local business/agency training, and workshops each semester. The local Adult Learning Program office is also located in the Tok Center.

The Center serves the the following villages in the Upper Tanana area, which are accessible by road:

- Dot Lake
- Dry Creek
- Eagle
- Chicken
- Boundary
- Alcan Border
- Northway
- Tetlin
- Tanacross

It also serves students in the following communities:

- Chistochina
- Gakona
- Mentasta
- Healy Lake
- Delta Junction



OVERVIEW: ACADEMIC, RESEARCH & PUBLIC SERVICE PROGRAMS

Academic Programs

The Tok Center offers all IAC programs: Certificate, AA, AAS and BA degrees offered via distance education by UAF. Many students are taking language arts or communications classes. In 2006, the Construction Trades program had 9 graduates. A pilot program in Veterinary Technician Science is being attended by local students, held at the local vet clinic. Professional development courses are also offered for the school district. The Adult Learning program at the Center tests for the GED program (high school graduation).

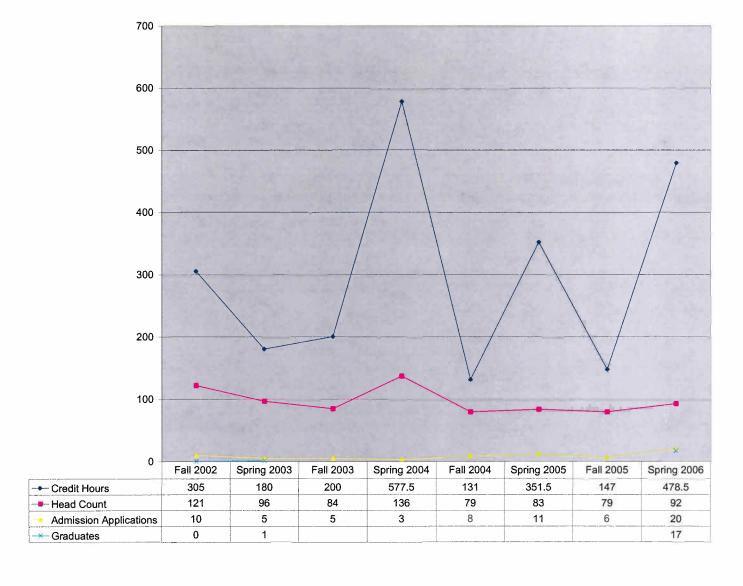
The Tok Center has two staff members, coordinator Crystal Wilson and administrative assistant Bridgit Merritt.). Classes are scheduled in the afternoons and evenings in the Center's classrooms, and carpentry classes are currently held in the Center's van garage. The Center's computer lab is open for student work, and is used for local courses in Computer Science. A traveling computer lab, utilizing laptops, is used for courses in the villages, which can be accessed by either road or air.

Enrollment at the Tok Center has varied with semester offerings. Vocational workshops have increased spring enrollments, which are typically lower than in the fall.





Tok Center

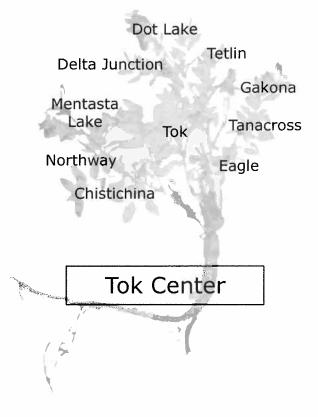


The Tok Center currently has 4,407 sq.ft. of space, leased from the State Dept. of Public Safety. Other agencies located in the building are: the State Legislative Information Office, Adult Learning Programs of Alaska, and Tok Area Counseling Center. The building is provided with arctic entries, restrooms, and utility rooms. The Tok Center areas include: an administrative suite, with reception area, coordinator's office, copy room, kitchen, and restroom; four classrooms, two with separate small group rooms, and one used as a student lounge; a computer lab, an efficiency apartment for traveling faculty; laundry room; and storage room. If larger classes, with over 25 students, the Center arranges to rent other spaces in the community. The Center also has a separate 841 sq.ft. garage, which is used to store the Center's van but also for vocational classes.

Research & Public Service Programs

The Tok Center provides space for display and distribution of UAF's Cooperative Extension publications, as well as UAF programs and courses. These racks are located in the Center's reception area. The Center participates actively in many local programs, sharing the facility with local groups as part of their partnership program. Local art and music classes are held at the Center. Community interest courses are provided in Dot Lake, Eagle, Northway, Tanacross, Tetlin, and Tok, on topics requested by the communities.

Serving the communities of:



DEVELOPMENT OF THE CAMPUS

Planning History

The Tok Center building was originally built as Alaska State Trooper housing in the mid-1960s. It was renovated to serve as a college facility when the University of Alaska was granted a 50-year lease by the State of Alaska in 1988. In 1990, a new boiler and heating system were installed. In 1991, a handicapped accessible ramp was added at the building's main entrance. In 1997, a new garage was built to house the Tok Center van, and provide space for vocational or art classes. In 2000, the wiring was upgraded to accommodate the computer lab. UAF has performed major maintenance work on the building's sewer system, well, heating system controls, phone system, light fixtures, computer systems, and telecommunication network. They are also doing minor renovations to remove unnecessary plumbing fixtures or closets that are left from the building's previous layout as a double loaded corridor with apartments on each side.

Development of the Campus

Needed improvements to the existing facility have been defined by the staff, and the majority are deferred maintenance items: reroofing, replacement of exterior and interior finishes, and window repairs. Better use of the Center's spaces could be made if they were reconfigured to remove old bathrooms, kitchens, and closets entirely, and consolidate needed fixtures in one location. UAF maintenance personnel have covered old bathtubs with plywood and erected shelving in the tub spaces, but left the fixtures in place.

If a full renovation of the Center's academic spaces is planned, ownership of the property and building should be transferred from the State of Alaska to UAF. Like most buildings in Tok, the facility has its own on-site well and septic system, and is connected to community phone and power systems.

The Center's gravel parking lot is spacious and provided with headbolt heaters for staff. A row of inoperable headbolt heaters, for public use, should be repaired or removed. Sign lighting and refinishing needs to be accomplished to present a better image of this UAF facility to the public.





EXISTING CONDITIONS

PHYSICAL CONDITIONS OF THE CAMPUS



Campus Building

The Tok Center is located on West First Street, north of the Alaska Highway, near the center of town, which is the junction of the Alaska Highway with the Tok Cutoff to the Glenn Highway. The building has a wooded setting, on-site water and sewer facilities, a spacious graveled parking lot at the front and sidewalks around four sides of the building, connecting to the parking lot. There is a detached garage for van parking. Both front and rear entrances to the Center have arctic entries and sheltering porches. The front entrance is handicapped accessible, and a small accessible washroom is provided off the main corridor.



Garage

The garage is a recent wood-framed, gable roofed 30' x 30' structure, with concrete slab on grade. Its overhead door should be adjusted to close tightly. A service sink has been disconnected, and needs to be put back in service, with a sedimentation trap added. The garage is covered with T-1-11 plywood siding, and has metal roofing. The single man door has an elevated threshold, but the interior of the garage is accessible through the overhead door. Perimeter insulation flashing is incomplete, and does not cover exposed insulation. The garage has a separate above-ground oil tank and electrical service.

EXTERIOR

The exterior finish on the building is vertical channel plywood panels, with wood trim at panel joints and around doors and windows. There are wood fascia boards at the roof eaves, with metal cap flashings covering their top surfaces. The entire exterior needs refinishing, particularly the fascias and window trim, except at the sheltered door entries, where the finishes are in better condition. The shallow pitch roof is covered with roofing felts; there is no permanent roofing on the building. The building's concrete foundation is exposed below the exterior siding, but insulated on the interior.

Windows are triple insulated vinyl units (Alaska Windows), but there is air leakage around them, causing drafty cold conditions in the building. The hollow metal exterior doors also need refinishing and have hardware of mixed ages and finishes. The mechanical room door does not latch, and is held open with wire; it needs appropriate hardware and adjustment for a proper fit. The two exterior stairs are not accessible, and the railings do not meet current building codes, but they are in serviceable condition, although they require refinishing.

Note: the two concrete slabs at the base of the handicapped ramp have a smooth finish, and become wet or icy due to dripping from the canopy above. They have been furnished with rubber ramps, but still represent a slipping hazard, and should be refinished.







INTERIOR

The interior of the building reflects its past history as a state trooper housing unit, with individual apartments on either side of a central corridor, and main exit doors at each end. Navigation within the building is aided by room signs in the main corridor, suspended from the ceiling. The typical interior finish throughout the interior is gypsum board walls, carpeted floors of various ages, and exposed wood decking in the larger rooms on each side of the corridor. Exposed glulam beams run north-south down the length of the building, one on each side of the building, which support the roof structure together with the main corridor and exterior sidewalls.



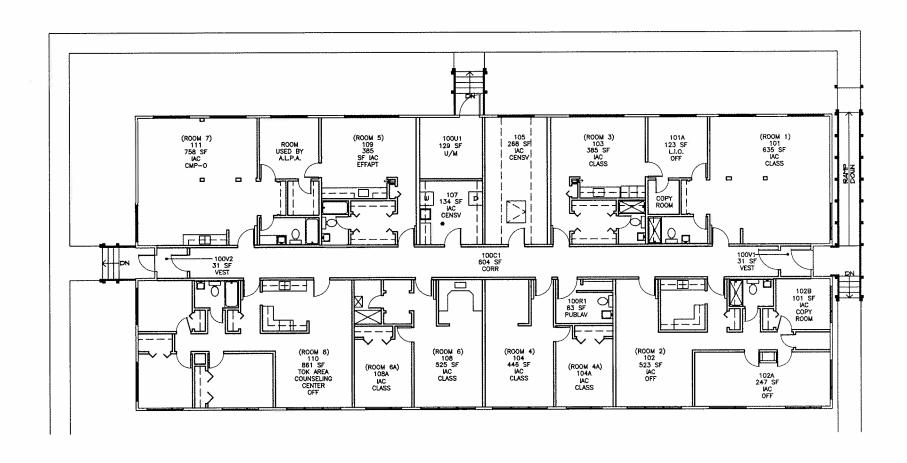




There are currently three other agencies in the building:

- Tok Area Counseling Center, with a suite of offices (861 SF) at the far end of the building from the main entrance:
- Adult Learning Program of Alaska (115 SF), a single office located off Computer Lab 7, also at the far end of the building;
- Legislative Information Office (123 SF), with copy room, located near the main entrance, off Classroom 1.

The remainder of the interior space has a UAF-IAC administrative suite, student lounge/classroom, two small classrooms with small group room to the side, one large classroom, one computer lab, an efficiency apartment, and service areas (restrooms, storage rooms/closets, laundry, mechanical room).





The Tok Center's current total program space is as follows:

Room No.	Room Name		<u>Area</u>
101 102	Classroom 1 IAC Administrative Offices Director's Office (Conf. Boom	247 SI	635 SF 523 SF
102A 102B 103	Director's Office/Conf. Room Copy Room Classroom 3	247 31	101 SF 385 SF
104	Student Lounge/Classroom 4 w/ Small Group Rm. 104A Classroom 6 w/Small Group Rm. 108A		446 SF 525 SF
109 111	Efficiency Apartment w/Bathroom Computer Lab Total Program Area	=	385 SF 758 SF 4005 SF

The interior finishes in the building vary in condition and age. In general, the carpeting requires replacement. Areas of the walls and ceilings which have received recent renovation should be repainted. The vinyl floor coverings in service areas are in generally good condition, except where cabinets or fixtures have been removed, and no matching flooring has been installed yet. New shelving installed over former tub locations (tubs are still in place under plywood covers) is unfinished. Painted concrete floors need refinishing.

The Tok Center's current deferred maintenance deficiencies, prioritized in order of need, are:

- 1. Deteriorating finishes: exterior & interior finishes need to be repainted.
- Code deficiencies:
 - a. Occupancy separations of 1 hour required at storage room and laundry room.
 - b. Stair railings at mechanical room and rear exit do not comply with current codes.
 - c. Mechanical room exterior door does not latch.
 - d. No drinking fountain provided.
 - e. Corridor doors do not meet ADAAG access requirements.
 - f. Accessible restroom: paper towel dispenser handle does not comply with ADA requirements. No lavatory piping protection provided.
 - g. No crawl space ventilation provided.
 - h. Provide code compliant well pump power, controls and heat tape connections.

- i. Provide GFCI outlets in kitchens and restrooms (if renovation of these areas planned).
- 3. Repair exterior windows: remove and reframe, replace existing units and caulk weathertight. Provide new trim on exterior and interior (some pieces are missing).
- 4. New permanent roofing, appropriate to the building's shallow roof slope, with flashings and gutters to direct rain/snow away from entrances. Roof structure loading capacity should be verified.
- 5. Replace interior carpeting where worn and at end of useful life, including walk off mats in vestibules. Repair/replace slippery concrete landings at handicapped ramp.
- 6. Rewire phone and lighting systems so they are not co-joined, and add circuits for equipment as needed.
- 7. Repair exterior sign and provide lighting. Disconnect or repair street row of headbolt heater outlets. Repair exterior convenience outlets on building Repair/replace exterior security lights w/motion detectors. Reinstall telephone wiring at one entry point to exterior (now run under roof soffits outside). Identify crawl space wiring at electrical panels.
- 8. Repair leaking sinks. Reconnect garage sink and heat trace.
- 9. Provide appropriate controls which are more accessible for exterior hose bibbs, and repair leaking units.
- 10. Install building security alarm system.
- 11. Remove unused insulated water tank in mechanical room.
- 12. Repair main power connections on roof, spliced with split-bolt connectors not covered with tape, to prevent hazard to electricians.
- 13. Ant extermination adjacent to the building, together with landscape completion, to prevent damage to wooden exterior finishes and posts. Landscaping would include improvement of existing lawn; plant shrubs; replace gravel areas between building and sidewalks; replace cracked sidewalk panels; refinish posts.

Correction of deferred maintenance deficiencies, as well as an efficient reconfiguration of existing rooms, will provide the Tok Center with a more usable facility and extend the facility's life. An overall building renovation project would consider all these issues, and provide a single solution to the Center's current facility needs.

TRENDS AND ISSUES IN SPACE PLANNING

Academic Program Trends

The Tok Center offers all of IAC's programs and services, together with a community-based spectrum of locally taught courses. Outreach courses and workshops are offered in Dot Lake, Eagle, Northway, Tanacross and Tetlin. Programs available include:

- Distance Education college credit courses through UAF's CDE
- Credit & Non-Credit courses geared to community interest
- Developmental classes: local and distance delivery
- Early Childhood Education for rural communities
- Microcomputer Technician training
- Rural Human Services provider training
- Statewide Teleconference links
- High School to College Bridging courses
- School to Work classes
- Financial Aid & Advising
- Partnerships with local schools, businesses, and tribal groups.

The Center currently has DSL wireless capability, and uses "Illuminate Alive" programming. They are set up for audioconferencing, but not videoconferencing at this time. They have a traveling computer lab, which uses laptops, for local courses or presentations in surrounding village communities.

Anticipated Facilities Needs

Assuming that deferred maintenance needs are taken care of by UAF, the Tok Center has requested reconfiguration of its existing spaces to serve its students more efficiently. Classrooms 1, 4, and 6 have adjacent smaller rooms which could be combined with the larger main classroom for larger classes, or closed via folding partitions if the smaller area is needed for study or small audioconferences. There are storage shelving (closet) areas and restrooms adjacent to Classrooms 1,4, 6 and 7 that could be used for classroom support or combined with adjacent spaces for larger rooms. If reconfiguration is desired, a central pair of restroom facilities providing water closets, urinals, lavatories, and a drinking fountain would centralize plumbing needs. There are also six remaining kitchen facilities in the building; these could be reduced to two counter/sink/microwave areas (staff & student) for IAC use, with one kitchen area remaining for the efficiency apartment. If the Counseling Center remains in the facility, their kitchen could also be reduced to a simpler counter/sink/microwave configuration.

Another solution to general, book, and classroom storage would be exterior storage sheds for cold storage purposes. The garage is presently being used for overflow storage. Program and library materials need to be retained closer to their classroom locations. If an expansion is planned for the building, it should incorporate general purpose storage. Individual classroom storage areas would be useful if they could be built in with the renovation.

A reference library and study area would be useful to students and staff. However, the Tok Public Library is also available for use to community residents. A display area for Cooperative Extension and UAF publications needs to be retained in the Center. It is currently located in the IAC reception area.

Completion of the garage as a combination van parking area and shop instructional space should be planned, as funds become available. The garage's ventilation system, appropriate plumbing fixtures and counters will need to be installed for demonstration and project work areas. Storage of shop materials may require an adjacent storage unit on a temporary basis.

Expansion of the Center's telecommunications systems will be necessary to provide teleconference capability, which will greatly improve the quality of programs offered to remote locations. The classrooms should meet UAF Level 4 standards, and be maintained by UAF technicians to ensure easy, on-site use by staff and students.

The Tok Center's "hand-in-hand" community-based programs are already growing steadily, and new IAC pilot programs are accepted with enthusiasm. Reconfiguring the facility for its best use of space, and addressing its maintenance needs as an older facility will ensure that classes and numbers of graduates will expand into the future.

PLANNING OPPORTUNITIES

Analysis of Existing Conditions

The Tok Center facility is currently leased from the State of Alaska Department of Public Safety. The University of Alaska Fairbanks should assume ownership of the facility, if ongoing renovations or expansion are planned to improve the facility's capabilities as a rural center for UAF-IAC.

The existing site is Block 4, Lot 1, US Survey No. 2931, North Addition Tok Townsite, Alaska, a parcel of 4.873 acres. There is adequate room on the site for expansion, if desired. A large parking lot has been cleared and graveled in front of the Center; its outline is marked on both sides with wood posts and steel chains. Two rows of headbolt heater outlets have been installed; the row next to the road is currently inoperable. The van garage, located behind the Center, can be accessed by driving to the end of the parking lot and around the main building on a gravel road.

Both the on-site well and septic system have been recently upgraded, and are serviceable.

Opportunities for Campus Change

RENOVATION

The Center's existing program spaces could be more efficiently utilized by the following renovations:

1. <u>Restrooms</u>: Consolidate restrooms into one central bank of restrooms, providing accessible stalls, fixtures, and doors. There is currently a unisex accessible restroom with one water closet and one lavatory. The building's occupant load based on current uses is 140 (70 men, 70 women). Total staff is estimated at 9 persons (2 - UAF-IAC, 1-LIO, 1-ALPA, 5 - Couns.Ctr.).



Per the 2003 UPC, Chapter 4, Table 4-1, for post-secondary schools, B occupancy, the required fixture counts would be as follows:

	Water Closets		Urinals		Lavatories		Drinking Fountains	
Students:	Men:	1:40 = 2	Men: 1:3	5 = 2	Men:	1:40 = 2	1:150 = 1	
(131 = 65M,66W)	Women:	1:30 = 3			Women:	1:40 = 2		
Staff:	Men:	1:15 = 1	Men: 1:5	0 = 1	Men:	1:40 = 1	(included above)	
(est. 9)	Women:	1:15 =1			Women:	1:40 = 1		
Total Required:	Men:	3	Men:	3	Men:	3	1	
•	Women:	<u>4</u>			Women:	<u>3</u>		
		7				6		
Total Provided:		7		0		7	0	
(Unisex)								

Therefore, there is currently an adequate plumbing fixture count, except for the absence of urinals, but a drinking fountain needs to be added in the facility.

2. <u>Storage:</u> If the interior of the building is reconfigured, areas for general and book storage need to be provided. The existing caged storage area, Rm. 105, is not configured to store program materials or other related equipment. At present, other classrooms are full of these materials, as is half of the garage.



3. Classrooms: There are restrooms, kitchens and closets attached to the IAC's Offices, Classrooms 1, 3, 4, 6 and 7. These areas could be reconfigured as classroom space, and restrooms and storage rooms consolidated. The reconfiguration would result in more usable spaces, with fewer plumbing runs. Shelving could be added for classroom storage purposes where needed. UAF's maintenance department has already started removing fixtures that are not needed, but the work is incomplete, and does not address wall demolition. Structural columns supporting the glulam beams will need to be retained or new framing added if they are removed. Many columns are hidden in walls and their locations will have to be verified.

The Center's classrooms are used for audioconferencing and local courses. To be used for teleconferencing, UAF Level 4 telecommunications wiring and equipment will be required. Temporary partitioning of the classrooms for smaller classes or study purposes is desireable. This could be accomplished by removing the existing full-height walls and installing movable partitions.





A NEW CAMPUS PLAN

The Tok Center is currently housed in a 40 year old building originally renovated in 1988 for its present use. It is long overdue for a major renovation to refresh its exterior and interior finishes, modernize its service systems, and make its site attractive for students and visitors, who also visit the other agencies in the building: the Tok Counseling Center, State Legislative Information Office, Adult Learning Programs of Alaska, or pick up information from UAF's Cooperative Extension Service. If UAF acquires the building and site from the State of Alaska, it would need to decide if these agencies should remain in the facility, if they should be located in a different area of the facility, or if IAC's programs require use of all areas of the facility and the agencies would have to relocate elsewhere. However, renovation of the facility, even if the agencies remain in their existing locations, would allow increased class sizes and more flexibility to deliver existing UAF-IAC programs to Tok and its surrounding villages.

Since the building is an old wood frame structure, its exterior envelope should also be evaluated for compliance with UAF's design standards and statewide energy efficiency standards. Sustainable design should be considered in all envelope and system renovations. Most important, it should continue to act as a community focus for higher education and community development, just as it does now.

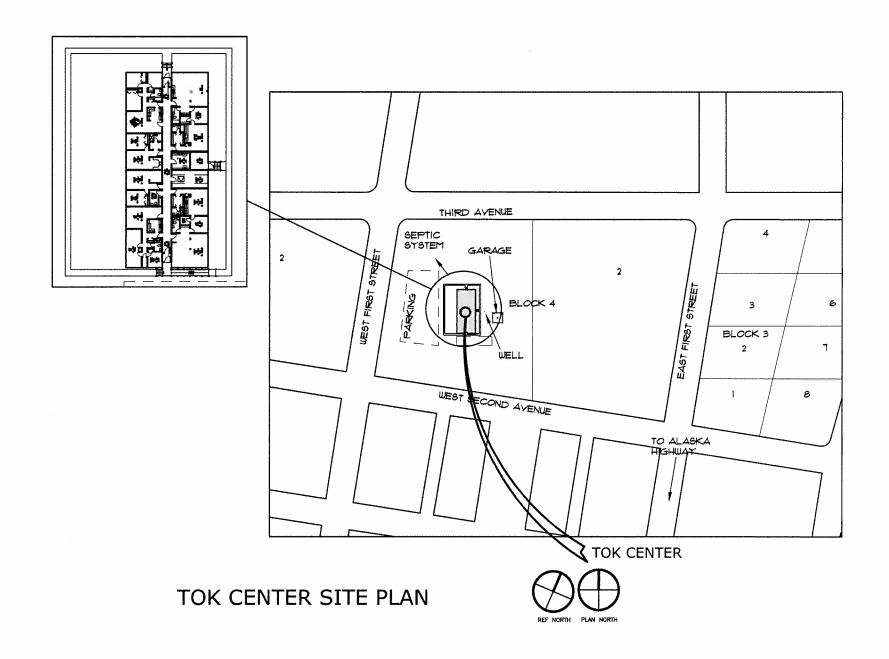
SUMMARY OF RENOVATED SPACES

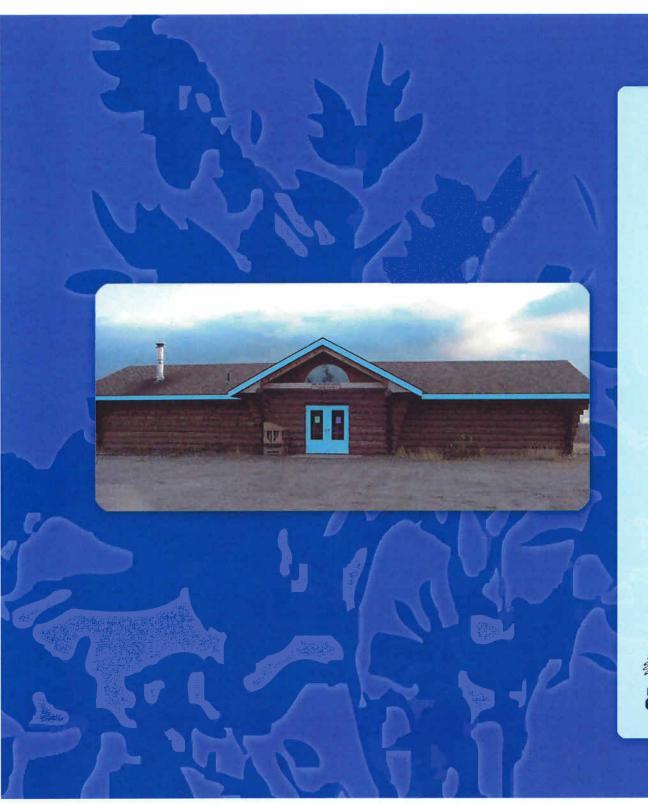
SPACE TYPE	AREA (SF)	SERVICES	EQUIPMENT	COMMENTS	
Main Building:					
Coordinator's Office/ Conference Room	247	Internet, LAN	Desk, Chair, File Cabinets, PC, Printer	Book Storage- 100 LF	
Admin. Asst. Office	200	Internet, LAN	Desk, Chair, File Cabinets, PC, Printer, FAX, Scanner, Copier (in alcove)	Part of Exist. IAC Office Ref. Storage - 60 LF	
UAF Staff Office	101	Internet, LAN	Desk, Chair, PC, Printer	Existing Admin.Copy Rm. for traveling instructors. Ref. Storage = 60 LF	
SPACE TYPE	AREA (SF)	SERVICES	EQUIPMENT	COMMENTS	
Classrooms (4) Type A/B 15-30 student capacity	635 385 446 525	Internet, LAN, WAN Level 4 Technology for 2-way interactive Communication, audio/video/ computer conferencing. Sink/Counter/Cabinets	Tables, Chairs, Overhead Projector, Lectern, Smart Podium, 42" Flat Screen TV, Speaker Phones, Digital/Video Cameras	Existing classrooms 1,3,4,6 reconfigured.	
Computer Lab Type C 40 student capacity	758	Internet, LAN, WAN Level 4 Technology	Tables, Chairs, PCs, Printers, Scanners	Existing classroom 7 reconfigured.	
Garage:					
Shop/Science Classroom	841	Service Sink (existing) Sink/Counters/Cabinets Shop Equipment (welders) Kiln, Exhaust Systems	Tables & Stools Storage Cabinets (existing)	Assumes van outside.	
Total Program Areas:	4138				
Efficiency Apartment	385	Kitchen & Bathroom (existing)	Bed/Sleeper Couch, Chairs, Side Tables, Dresser	Reuse existing furnishings.	
Staff/Student Lounge/ Kitchen	300	Internet, LAN, Sink/Counter/ Cabinets	3-4 PCs, Tables, Chairs	Currently using classroom 3 (alternate use).	
Reception Area	323	Internet, LAN, Coffee Station	Desk, Chairs, Small Tables Registration PC	Incl. CES Publications Area	
Storage Room(s)	200		Shelving		
Custodial/Recycling	134	Service Sink	Washer/Dryer, Shelving	Renovate existing Laundry Room for this use.	
Total Support Areas:	1342				
Restrooms	300		Child Changing Station		
Mech./Elect.	150				
Total: Service Areas:	450				
Total: All Areas (Main Building & Garage)	5930				
Total: Main Building	5089				
Circulation (20% x 5089)	1018				
TOTAL AREA: Main Building	6017				
TOTAL AREA: Garage (Existing)	841				

Future Areas to be Added:

Library/Reference Room (16 student capacity)

525 SF





YUKON FLATS CENTER

University of Alaska Fairbanks

2006





Yukon Flats Center

INTRODUCTION TO THE CAMPUS

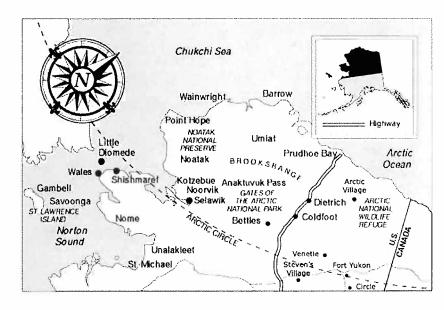
STUDENT PROFILE

The Yukon Flats Center serves a regional population of approximately 1,320, which is 86% Alaskan Native, predominantly Gwich'in Athabascan. The median age of the student population is 32, many with small children. In Fort Yukon, where the Center is located, many local residents are employed by city, state, federal agencies, or the native corporation, Doyon Ltd. Others are seasonally employed. All the communities in the region are dependent on subsistence hunting and fishing.

The Center serves 9 villages, located along the Yukon River or its tributaries near Fort Yukon: Chandalar River, Birch Creek, and Black River. Fort Yukon, like other villages or towns along the Yukon River, is subject to spring flooding, but recently received federal funding which constructed a protective levee to shelter the town from ice floes or high water during spring breakup. Fort Yukon is the largest community in the region, with 570 people in 2005. Village populations can range from less than 100 to 200. The villages in this region are accessible only by air, except for Circle & Central, which have a road connection to Fairbanks.

Communities served by the Yukon Flats Center are:

- Arctic Village
- Beaver
- Birch Creek
- Central/Circle Hot Springs
- Chalkyitsik
- Circle
- Fort Yukon
- Stevens Village
- Venetie



OVERVIEW: ACADEMIC, RESEARCH & PUBLIC SERVICE PROGRAMS

Academic Programs

The Yukon Flats Center offers IAC certificate, associate and baccalaureate programs via a combination of distance delivery and local courses. Two popular training programs offered by the Center are:

- Early Childhood Education Program: Prepares students to work at child care centers, family care centers, Head Start, nurseries, preschools, child welfare service agencies, and public schools. This program was piloted in the Yukon-Koyukuk region. A certificate is currently offered in early childhood development, in partnership with the Council of Athabascan Tribal Governments through their Young Athabascans program.
- Rural Human Services Program, especially the Community Health Practitioner Program. Prepares village-based counselors who will work in the areas of crisis intervention, suicide prevention, community development, mental health counseling, substance abuse, interpersonal violence, grief and healing.

Programs which are planned for the Center, now that its addition has been completed, include: microcomputer support, small engine mechanics, tribal organization and management, and community interest classes.

The Council of Athabascan Tribal Governments sponsors a Yukon Flats Vocational and Technical Education program. In this program, students take courses in Fort Yukon for one to two week periods twice a semester. The Center's new addition was funded by U.S. EDA (Economic Development Agency) in order to develop the Center as a regional training center for adults.

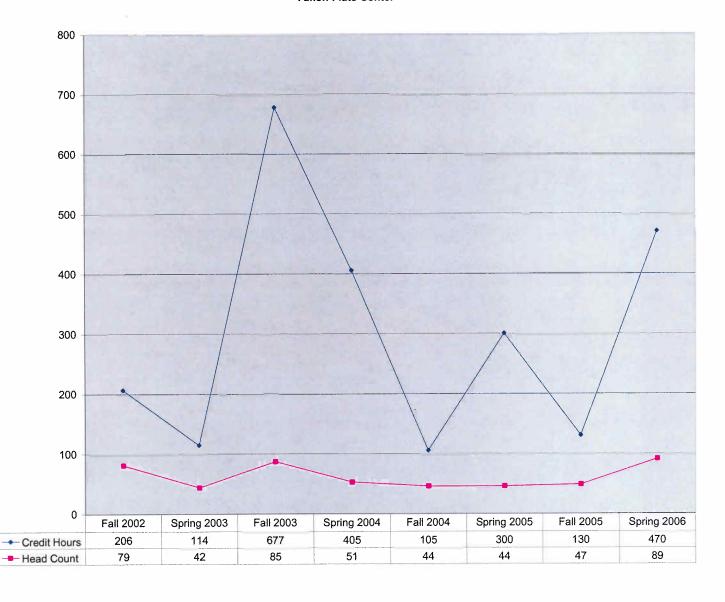
The Yukon Flats Center has two staff members, coordinator Jennifer Carroll and administrative assistant Vera Englishoe. Part-time facilitators are also brought in as needed. The staff coordinate and plan educational programs, courses, and training for their region, with the help of community members and organizations. Students are assisted in selecting and registering for audioconferenced courses. The staff also help coordinate ongoing IAC training programs, particularly in the vocational area.

Enrollment at the Center varies with semester, and with course and workshop offerings.





Yukon Flats Center



Research/Public Service Programs

The Yukon Flats Center works as a partner each community's tribal and/or city government, village corporation and regional association to develop and present training programs that will benefit each individual community. In order to let area residents know what programs are available through UAF-IAC, the Center staff distributes catalogs and flyers, makes contact with tribal leaders, attends tribal meetings, and travels when possible to surrounding villages. The Center is the primary adult vocational training facility for its region. Maintaining continuity and growth in vocational programs is an important focus. Assisting in planning for economic development in each community is another opportunity to stimulate interest in academic and vocational education, that will allow area residents to learn skills at home that will take advantage of local employment opportunities.

When the Center is not being used for academic programs, it is available to community organizations, government agencies, and private groups to hold meetings, conferences or other activities. In the summer, it can be used as a cultural center for tourist groups.



Serving the communities of:

Arctic Village

Beaver

Birch Creek

Chalkyitsik

Central/Circle Hot Springs

Venetie

Fort Yukon

Circle

Stevens Village

Yukon Flats Center

DEVELOPMENT OF THE CAMPUS

Planning History

The Yukon Flats Center's original building was built in 1980. It is a single story log structure of 3,000 sq.ft., with expansive front porch. The roof gables, including the front porch roof, are supported by braced cross beams. Above the front doors is a handsome stained glass arched window, showing a fish wheel on the Yukon River. The building has three small classrooms - one with a library area and one with a kitchen, a reception area, offices, and a built-in garage.

The new addition, completed in 2005 and financed by an EDA grant, is an academic wing, with two classrooms, computer lab, storage room, and separate entrance. An accessible interior ramp links the original building with the addition, which has been built at a higher elevation.



Development of the Campus

The original building was constructed with concrete perimeter foundations, interior all weather wood post and pad foundations, and a crawl space for utilities piping. Finish grade was banked up against the building. Interior foundations, and mechanical/electrical systems were repaired and updated in a 1999 renovation. The building is now on the City utilities system.

When the original building was constructed, a gravel parking area was created in and access road were created in front of the building. At that time, the site sloped off in the rear, and was typically wet and swampy.



In 2005, when the building addition was built onto the west side of the original building, additional parking was created on the east side, including an accessible parking stall. An accessible entrance was created between the original and new parts of the building, at grade, for wheelchair access into the addition. The original building was already at grade and accessible. New utility connections to City utilities were made on the west side of the site, including installation of a new below-grade sewage holding tank.

The Yukon Flats Center is planning to construct or install a housing facility for students or staff coming into Fort Yukon to attend classes or workshops. The proposed location will be in the southeast corner of the property, away from traffic entering from First Avenue into the parking lot, but close to the new classroom addition.

EXISTING CONDITIONS

Physical Conditions of the Campus

Campus Building

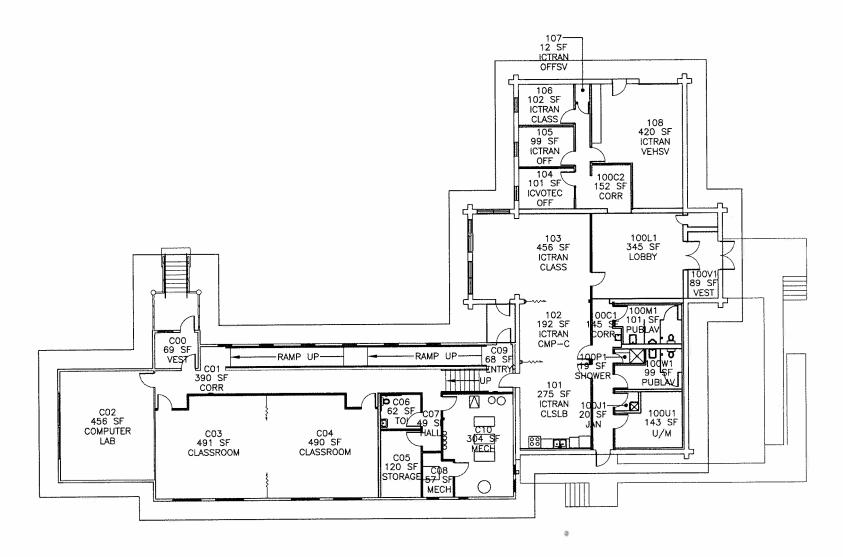
The Yukon Flats Center is located in "old" Fort Yukon, about one short block from the Yukon River. Flooding and ground water in the area have resulted in a high water table, requiring repairs in the last ten years to the original 1980 structure's crawl space framing, ventilation, buried septic system, and damaged finishes. With the completion of the new building addition and building repairs by UAF Maintenance, the facility is ready for expanded program operations. The remaining maintenance problem at the facility is roof repairs to the original building to alleviate roof leaks.

(Since a field visit was not made to the Yukon Flats Center, we were not able to assess the condition of the original building, its finishes or service systems.)

The new addition, completed and open for classes, has roomy, well designed, comfortable spaces suitable for large or small classes or workshops, and an interior connecting hall to the original building.







YUKON FLATS CENTER - FLOOR PLAN



TRENDS & ISSUES IN SPACE PLANNING

Academic Program Trends

The Yukon Flats Center programs have been developed to meet local work force needs, and develop place-based education for rural high job opportunities, for older students in rural settings in Alaska. As noted previously, the very successful Rural Early Childhood Program and Community Health Practitioner Program are based at the Center, and offered in surrounding villages. Vocational training programs have also been offered. Tribal management is a program requested and very much in demand in smaller communities on the Yukon River.

The Center's facilities need to be equipped to offer distance delivery education via audioconference and teleconference methods to classes in remote villages. At the same time, their classrooms need to serve local class needs in Fort Yukon and regional workshops, where students will come upriver or downriver to attend them.

The new computer lab needs high speed Internet connections, current top of the line technology in computers and software, web cams, and digital photography editing software. Wireless Internet needs to be provided for students with Internet cards, so they can use their own equipment, if they have it, but access the Internet at the Center, using student passwords. Students without computers will need to use the lab for study and research purposes.

Anticipated Facilities Needs

The Yukon Flats Center will need to renovate its older building to reflect current and future program needs. One important renovation planned for the facility is conversion of the existing van garage to a shop and science classroom. This will require raising its floor level to match the other rooms in the original building. At the same time, a separate structure will be needed to house the van.

As part of the EDA grant project, a 10-student housing unit is planned, to be located behind the Yukon Flats Center complex. It would include a kitchen, bathrooms, bedrooms and living areas for the students. Additional students or instructors would be housed in Fort Yukon at privately owned lodging facilities.

Another demonstrated need for the adult students taking classes at the Center is a child care area. The Center's early childhood education program would fit in with this need, making it a program area as well as a support area for students with small children. A small outdoor playground area as well as indoor day care space would be needed, similar in scope to the facilities provided at the Hutchison Career Center in Fairbanks, where the children's parents are taking vocational training classes.

Renovation needs for the original building, to refresh its finishes and equipment to meet modern classroom needs, will be assessed as UAF as the Center's programs expand, and the addition classrooms are brought into use.

PLANNING OPPORTUNITIES

The Yukon Flats Center is located on Lot 7, Block 9, of Bhomer Homestead Subdivision, U.S. Survey 2122, Fairbanks Recording District, in Fort Yukon, off First Avenue, and one short block from the Yukon River. The University of Alaska owns the property and the building, which was originally constructed in 1980 as the Fort Yukon Rural Education Center. The site is a large oblong parcel of 66,889 sq.ft. (1.54 acres).

The site of the Yukon Flats Center will be fully utilized when the planned student housing unit is added to the complex, completing its development as an academic and vocational training center for its region. Expansion of the site by acquisition of neighboring property is another option, if additional building modules for a child care center or the housing unit are desired, to separate them from the existing center's traffic and noise.

Further site development, particularly regrading and drainage, of the existing site, will help alleviate the chronic flooding problems that the Center has experienced.

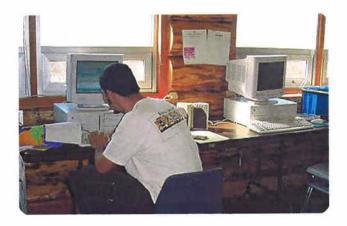
As additional programs are developed with community resources and partner organizations, the program areas within the Center can be reconfigured to suit these programs. The current classrooms, three in the original building and two in the new addition, can be expanded or contracted with folding partitions, as class sizes change. The new computer lab will also provide a quiet study and research area for students.



A NEW CAMPUS PLAN

The Yukon Flats Center, now a fully developed regional academic and vocational training center, is located in a University owned log cabin complex in Fort Yukon. Its new addition gives it modern, up to date classrooms sized and equipped for UAF-IAC's current programs. Its older classroom areas will need renovation and refinishing to modernize them for continuing use as regional distance education or local classrooms.

Following is a summary of the Center's present program areas and future space needs for a completed Yukon Flats Center educational facility:



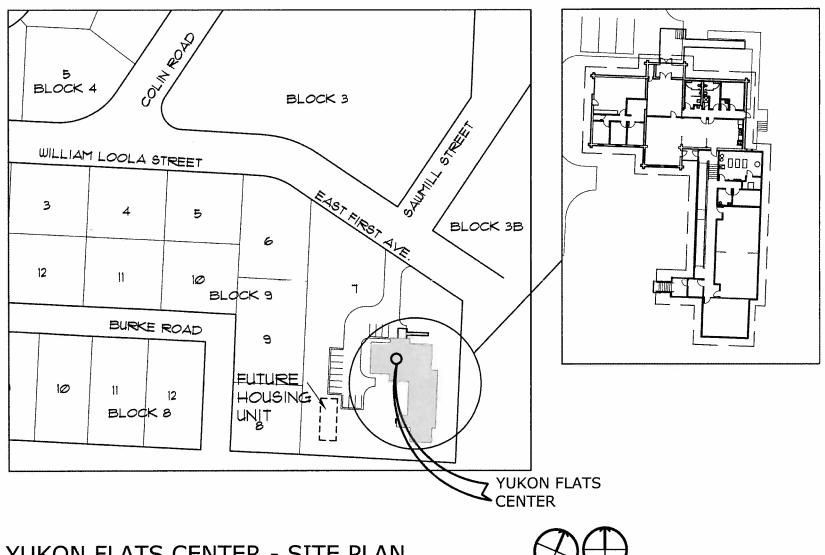
SUMMARY OF EXISTING SPACES

SPACE TYPE	NET AREA (SF)	SERVICES	EQUIPMENT	COMMENTS
Original Building:				
Classrooms:				
101	275	w/Kitchen	Frig/Sink/Range/Counter/Cabinets	
102	192			
103	. 456			
Offices:				
104	101			
105	99			
106	102			
Total Program Areas:	1225			
Reception/Lobby 100L1	345			
Storage Closet 107	12			
Garage 108	420			
Total Support Area:	777			
Restrooms/Shower	219			
Utility/Mechanical	143			
Custodial	20			
Total Service Area:	382			
Circulation	386			
TOTAL AREA: Original	2770			
Addition:	<u> </u>			
Computer Lab C02	456			94
Classrooms:	450			
Classicoms.	491			
C03	490			
Total Program Areas:	1437			
Storage C05	120			
Total Support Area:	120			
Restroom C06	62			
Mech. Rms. C08,C10	361			
Total Service Areas:	423			
Circulation	576			
TOTAL AREA: Addition	2556			
TOTAL Program Areas	2662			
TOTAL Support Areas	897			
TOTAL Service Areas	805			
TOTAL Circulation	962			
TOTAL Net Area in Facility	5326			

Future Areas to be Added:

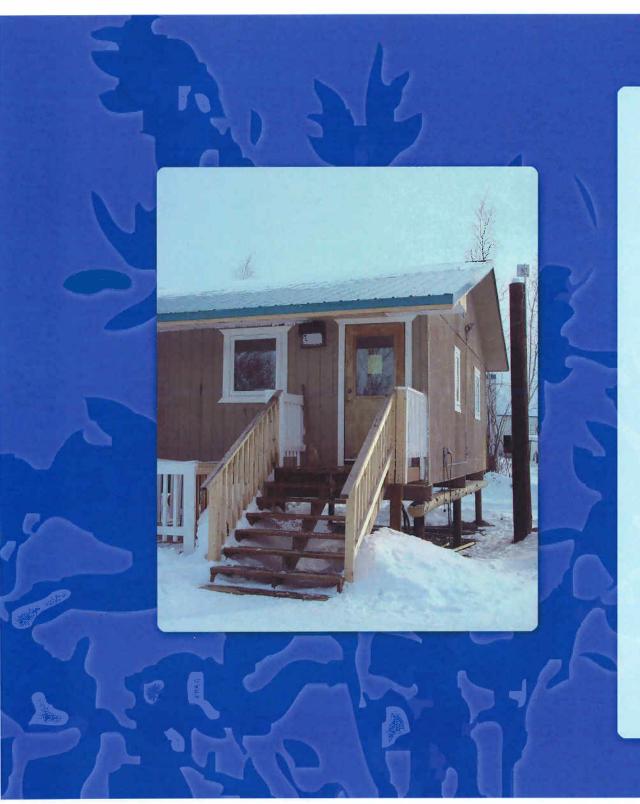
Shop/Science Classroom (convert Garage - 420 SF) 10-Student Housing Unit Child Care Lab

1,500 SF 600 SF + playground



YUKON FLATS CENTER - SITE PLAN





8

YUKON-KOYUKUK CENTER

University of Alaska Fairbanks

2006





Yukon-Koyukuk Center

INTRODUCTION TO THE CAMPUS

STUDENT PROFILE

Students at the Yukon-Koyukuk Center, located in Galena, come from nine communities along the Yukon and Koyukuk Rivers. Approximately 73% of the population in the area is Alaska Native, mostly Koyukon Athabascan. Non-Native people living in the area are both long and short-term residents, working in mining, local transportation, commerce, government or educational institutions. Many were originally employed at the Air Force base, which is currently inactive, but used for training purposes. Currently at least 31 residents hold commercial fishing permits.

The original townsite of Galena is located next to the river, with the air field to the north of it. Because of major flooding from the Yukon River, a new community site was developed in 1971 about 1-1/2 miles to the east, at Alexander Lake. New buildings located there include: City of Galena offices, the health clinic, schools, washeteria, stores, and more than 150 homes.

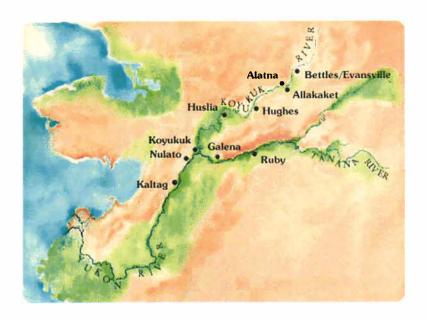
Galena has a well established public school system, dating from the mid-1920s. The Galena City School District runs the local K-12 program, as well as IDEA, Interior Distance Education of Alaska, a statewide home schooling program. Also available in the Galena School District are the programs offered by GILA, the Galena Interior Learning Academy, a public boarding vocational high school located on the Air Force base, which offers post-secondary adult vocational training in addition to its high school courses.

Because of the wide variety of high school educational options, the Yukon-Koyukuk Center offers evening classes and workshops based on UAF-IAC's distance education program, as well as community interest classes.

The Center serves an area of 60,000 square miles, where the communities are only accessible by air or by boat. In winter, they can be reached by snowmachine over the frozen rivers. Commercial barge deliveries are available in the summer to river communities.

Communities in the Yukon-Koyukuk Center's region are:

- Allakaket
- Alatna
- Bettles/Evansville
- Galena
- Hughes
- Huslia
- Kaltag
- Koyukuk
- Nulato
- Ruby



OVERVIEW: ACADEMIC, RESEARCH & PUBLIC SERVICE PROGRAMS

Academic Programs

All of UAF-IAC's programs are available at the Yukon-Koyukuk Center: Certificate, AA, AAS and BA degrees via UAF's distance education program. The most popular programs at present are:

- Rural Human Services Two-year course of studies for village-based providers.
- Educator Para-Professional Program Certificate or AAS Degree for public school paraprofessionals.
- Rural Development Applied Field Based Programs eg Construction Trades Program.
- Alaska Native Languages Included in UAF-IAC Distance Delivery programs.

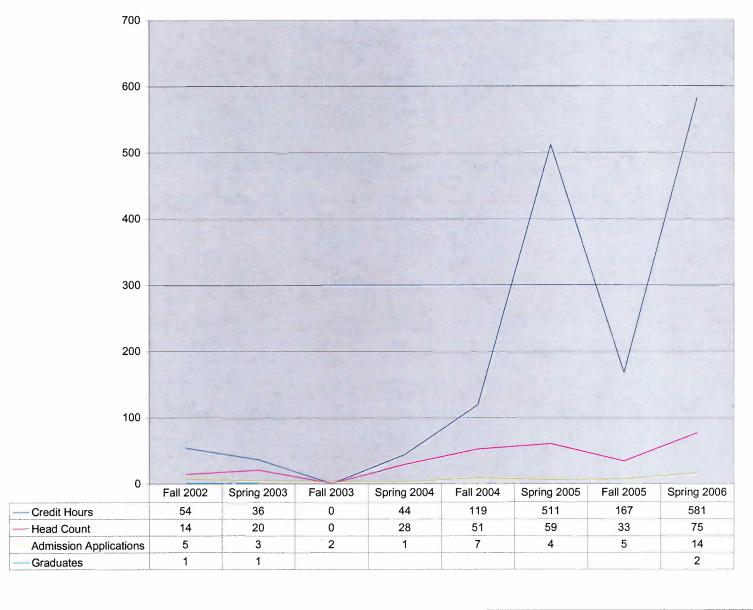
Other community interest programs that have been offered include: Emergency Trauma Training, computer courses, beadwork and skin sewing. Ecotourism is a new area of interest, where courses could be offered to residents seeking training in this field.

The Yukon-Koyukuk Center has two staff members, coordinator Larry Hausmann, and administrative assistant Elaine Settle. Both staff members organize and conduct classes, as well as provide information on UAF-IAC programs to local residents. The Center also has display space for UAF Cooperative Extension publications. At right, coordinator Larry Hansmann discusses development of the Yukon-Koyukuk Center with the Director Clara Johnson in the Center's new classroom.

Enrollment at the Yukon-Koyukuk Center has soared in recent years. Active participation with UAF-IAC partners has resulted in increased credit hours at the Center and throughout the region's communities. The Center provides in-service programs for local school teachers, and participates in the School District's School-to-Work programs, plus offering community courses in outlying villages.



Yukon Koyukuk Center



The Yukon-Koyukuk Center coordinates with the School District's local Galena Technical Center, in offering vocational training to students in the following fields:

- Cosmetology: Hairdressing
- Culinary arts: Commercial Kitchen Production
- Automotive Technology: Introduction to Automotive Technology & Brake Systems
- Aviation Dispatch: FAA Certified Aviation Dispatchers
- Technical Training for Remote Health Aides: Telemedicine Cart Training & Basic Computer Training
- Pre-Nursing/Certified Nurse's Aide Training.

These post-secondary programs are offered through UAF's Tanana Valley College. In 2005, there was one graduate in cosmetology, three in culinary arts, eight in aviation dispatch, 21 in remote health aide training, and eight in the prenursing/certified nurse's aide programs. A total of 53 students were enrolled in post-secondary vocational programs in 2004-05.



The Yukon-Koyukuk has recently moved into a new facility: the former City Hall, leased from and maintained by the City of Galena. It is a 27' x 52' structure, with approximately 1,000 net sq.ft. of office and classroom space, moved to its present location in the fall of 2005. It is located next to the City School on Autoski Drive, in the Alexander Lake area of town. The building has four offices, one used by the Galena City Schools PAT (Parents as Teachers) program; one classroom of 372 SF, equipped for audio-conferencing, one small computer lab of 143 SF, and a unisex ADA accessible restroom. The building has a handicapped accessible ramp and stairs at the main entrance.

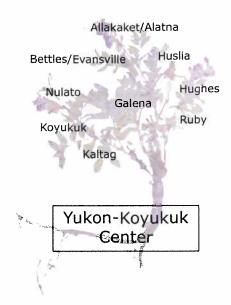
Research/Public Service Programs

Next to the Center is a small building with solar collectors, used to power the building's lights and heater daily for 3 hours, and as a backup to the regular power service. It was constructed as a solar education project, sponsored by ABS Alaskan Inc., the US Fish & Wildlife Service, and the Yukon-Koyukuk Center.





Serving the communities of:



DEVELOPMENT OF THE CAMPUS

Planning History

The Yukon-Koyukuk Center was originally located in the town of Galena, but moved its operations to Fairbanks from 1990-97. In 1998, UAF-IAC entered a five year lease agreement with the Galena City Schools, to use a portion of the Charter Schools building on the Galena Air Force Base site. During that time, the Center was confined to two offices separated by a classroom shared with the Charter School. In addition, that location was not very visible to on-base traffic.



In December, 2005, UAF-IAC entered into a five year lease agreement with the City of Galena for use of the old City Hall building, which was moved by the City one block to a location next to the Galena City School, and placed on new foundations. The Yukon-Koyukuk Center has now moved into this newly renovated building. The building has offices for its coordinator and administrative assistant, an office used by Galena's PAT program (Parents as Teachers), computer lab, one Type A classroom for 0-15 students, accessible restroom, a small office/storage room housing the Center's copier, and two service rooms: a janitor's closet with service sink and mechanical room with boiler. There are two exits protected by vestibules, and a handicapped accessible ramp plus stairs. Ample parking, for cars, trucks, snowmachines, or ATVs, is available in front of the building.

Development of the Campus

The facility is still being completed by the City of Galena, according to the terms of the lease agreement, with the following items to be completed in the summer of 2006:

Exterior:

- 1. Drill pilings & place buildings on piles. (Need to complete lateral restraint & beam connections on foundations).
- 2. Remodel restroom as handicapped accessible unisex facility. (Need to make fixtures and mounting heights of accessories ADA- compliant, and add wainscot on walls at fixtures.)
- 3. Repair sheetrock & paint interior walls. (Need to patch & refinish sheetrock cracks from moving process.)
- 4. Install piped water system by 8-30-06. (Currently is a water tank in copy room).
- 5. Paint all exterior walls by 8-30-06. (plus trim)
- 6. Repair (2) north entrance doors.

Interior:

- 1. Provide one small refrigerator by 8-30-06.
- 2. Provide one small kitchen sink by 8-30-06.
- 3. Upgrade interior lighting system. (Janitor's closet light requires repair/upgrade.)
- 4. Clean all interior carpet. (Need to patch cutouts in PAT office. Add transition strips.)

There is an on-site primary sewage treatment unit by Lifesystems, of Fairbanks, which is above ground, and an elevated fuel oil tank. The lease agreement provides for autofill of the fuel oil tank, as well as the temporary water tank.

An immediate need for the new facility is an exterior sign indicating it is a UAF-IAC facility. The Center plans to acknowledge its educational partners on the sign. It would be located in front of the building, where it could be easily seen from Autoski Drive.

Expansion of the facility in future years will be possible due to the generous size of the site. However, since the Center is leased from the City of Galena, development plans requiring major renovation or new construction would require discussions with the City, regarding property purchase or lease re-negotiation to cover these improvements.

EXISTING CONDITIONS

Physical Conditions of the Campus

The Yukon-Koyukuk Center is located on Autoski Drive, close to City government and school facilities, with Galena's Head Start facility next door. There are woods to the south, beyond the facility's oil tank and sewage treatment plant, in a low swale separating the site from the City School next door. A small group of birch trees are located between the parking area and Tom Cook Loop to the north. Besides arctic entries at both entrance doors, the building's eaves extend out over the first downward run of the ramp. The lower run and front stairs will have to be shoveled free of snow.





EXTERIOR

The building is a single story wood frame structure, supported on 4x12 headers placed on 10" diameter two-sided logs, each spanning three 6" diameter steel piling. The building's exterior finish is T-1-11 plywood siding, to be repainted in 2006. Portions of the roof trim, soffits, front stairs and ramp remain to be painted also. Painted decorative matching trim has been installed around the windows and doors. Because the building is elevated on piling, the underside of the floor structure has been covered with rigid insulation, which is exposed on the bottom. The exterior walls are 2x6 studs with R-19 batt insulation and vapor barrier. Roof structure is wood trusses with 12" of batt insulation at their base and vapor barrier below. Roofing is standing rib prefinished steel roofing panels, with a 4:12 pitch. Two attic vents and a south eave vent have been supplied; a north eave vent needs to be installed, to provide required ventilation opening area for the attic space.

Windows in the facility are triple glazed white vinyl casement units. Exterior doors are solid core wood, with half lite windows. They have knob, not lever handles, for ADAAG accessibility, and need to be adjusted for proper closure. The stairs and ramp also need a number of minor upgrades to meet ADAAG requirements, and structural connections and alignment of the ramp completed.





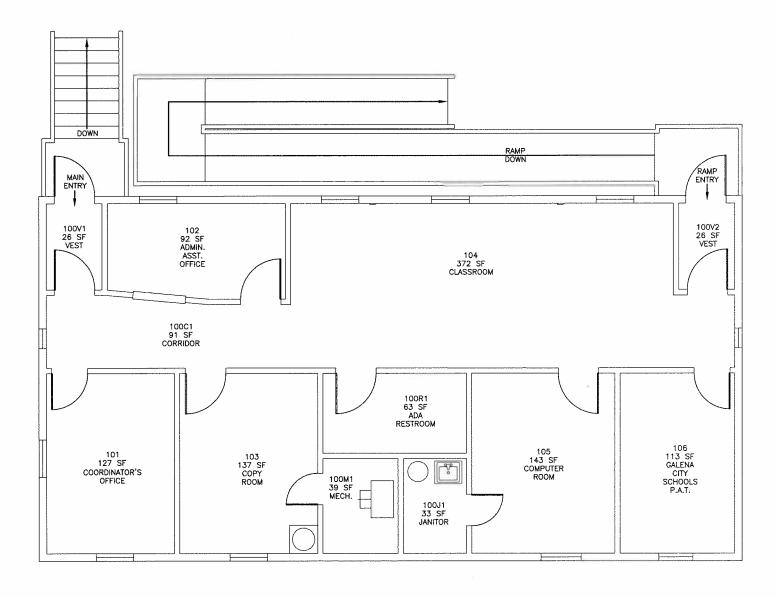
INTERIOR

Interior walls are typically 2x4 wood studs with 5/8" gypsum board each side, with a textured paint finish. Ceilings in the offices and services rooms are painted gypsum board, with 12" x 12" acoustic tile applied to a gypsum board substrate in the classroom. All floors are carpeted with a rubber base, except for the restroom, which has vinyl sheet flooring, and the janitor and mechanical rooms, which have unfinished plywood floors. Interior finishes are in good condition, except for cracking of gypsum board at the corners of several offices, a result of the building move.

Interior doors are hollow core wood. A number of doors need adjustment to close properly, after the building move. Doors on the accessible route and the restroom door need to be supplied with lever hardware to meet ADAAG requirements. In the restroom, a water impervious wainscot needs to be added at the plumbing fixtures, toilet accessories mounted at the correct height, and grab bars added at the water closet, per ADAAG requirements.







YUKON-KOYUKUK CENTER - FLOOR PLAN



Current Program Areas

The Yukon-Koyukuk Center's current total program space is as follows:

Room No.	Room Name	<u>Area</u>		
101	Coordinator's Office	127 SF		
102	Admin. Asst.'s Office	92 SF		
103	Copy Room	137 SF		
104	Classroom	372 SF		
105	Computer Room	143 SF		
106	Galena City Schools			
	PAT Office	<u>106 SF</u>		
	Total Program Are	a = 977 SF		

This program space does not include vestibules, halls, restroom, or mechanical room.

The interior layout of the building has administrative offices on either side of the main entrance hall, opening into the large central classroom. Copy room, restroom, the computer lab, and PAT office are located to the right of the classroom. A vestibule beyond leads to the handicapped ramp serving the building. The mechanical room is accessed from the copy room.

Building Systems

The building is ventilated by the use of operable windows, which are installed in every room. The restroom needs an exterior restroom exhaust fan outlet, as required by code. The heating system is an oil-fired boiler supplying perimeter finned-tube radiation units. The boiler requires a drip pan, as it is on a combustible wood floor. Domestic water is stored in a temporary water tank in the copy room on a wood stand, with pressure pump in the adjacent mechanical room. This will be replaced in the summer of 2006 with a connection to the City's water system. Waste water and sewage from the single water closet are processed by an outdoor Lifewater Extreme STP primary sewage treatment plant outside the building.

The building is equipped with standard fluorescent light fixtures, partially powered by the solar collector array in front of the building. Lighting levels throughout the building are good, except in the janitor's closet, where the light fixture requires repair or replacement.

An Internet antenna is located on the pole in front of the building.

Correction of current deficiencies by City of Galena or UAF maintenance staff will provide a workable, comfortable facility for the Yukon-Koyukuk Center's program base. Improvement of the facilities via future expansions with additional classrooms and other facilities will allow more programs to be offered at this facility at the same time. The present layout has one medium sized classroom and one computer lab, so two classes may be offered simultaneously. Telecommunications capability for the facility will also have to be improved so the existing rooms can be utilized to their capacity.

TRENDS & ISSUES IN SPACE PLANNING

Academic Program Trends

The Yukon-Koyukuk Center offers distance education classes providing college credit for associate degrees and certificates offered by UAF, and courses leading to baccalaureate degrees in the following areas:

- * Rural Development: through the field-based program in surrounding communities.
- * Social Work: regular courses are available by distance delivery.
- * Teacher Education: full-time undergraduate courses are available.

Vocational training is also offered by the Early Childhood Education, Microcomputer Technician, Community Health Practitioner, and Construction Trades programs. High School to College bridging courses and School to Work programs continue IAC's emphasis on educational training in the students' fields of choice. The Center's strong partnerships with other local educational institutions, especially GILA and the Galena City School, allow them to offer further training to students beyond high school courses, without having to leave their communities.

Along with academic programs, the Yukon-Koyukuk Center assists students seeking post-secondary education with financial aid advising. Local interest courses are made available to the villages in the region by utilizing instructors living in the villages or Galena, or by importing them from the Fairbanks campus. Workshops are organized according to each community's interests and level of training. Where necessary, arrangements are made to fly students to Fairbanks to take advantage of resources or centralized classes at the UAF campus.

As noted earlier, the most popular courses at this time are Rural Human Services, for village-based providers; the Educator Para-Professional Program for in-classroom teaching aides; Field Based Programs such as Construction Trades; and Alaska Native Languages, a traditional IAC class taught either by distance delivery or locally in the classroom.

The Center needs additional teleconferencing capability via high-speed Internet similar to the facilities provided by IDEA or other cyber-schools across the state. It is currently restricted by their contract with their provider, GCI. They need a T1 line 10 plus computers to start utilizing their current computer equipment. They can provide audioconferencing in their single classroom, but not teleconferencing. These capabilities need expansion in order to provide better communications with their distance education students in remote locations.

Anticipated Facilities Needs

The existing facility could be configured more efficiently, to allow the smaller rooms off the large classroom to be utilized as small group rooms or audioconference sites. Right now, cross traffic into the smaller rooms would disrupt any class being held in the large classroom. Also, the present utilization of the offices is: 1) Parents as Teachers office, 2) computer lab, 3) copy room, 4) coordinator's office. The PAT office and copy room could be set up as small group rooms, if a portion of the large classroom is dedicated to the copier and a small kitchen area, OR the copy room could function as a small kitchen/lounge area and the copier remain there.

There is currently no room in the facility for a library or reference materials storage area, and no storage room for general building storage. A portion of the copy room is currently being used for paper storage, for example. Materials for classes, if stored at the facility, would require a secure storage area, as would computers and software.

Expansion of the facility will be desireable as program registrations grow, if the Center is become an active classroom center, instead of utilizing after-hours City School classrooms for its programs. There is ample room on site for expansion of the facility in the future.

PLANNING OPPORTUNITIES

The Yukon-Koyukuk Center facility is currently leased from the City of Galena. A five year, renewable lease was signed on May 25, 2005, and amended on Feb. 20, 2006, to reflect the occupancy date, rent, and scope of work of improvements to the facility. The lease covers the building (approximately 1,000 net sq.ft. of office/classroom space in the Old City Hall Building) plus seven dedicated headbolt heater outlets (mounted on the building). The lease includes maintenance and repairs to the facility. If expansion or major renovation to the facility is planned, it would have to be coordinated with the lessor, the City of Galena.

The existing site is Lot 1, Block 10, Alexander Lake Townsite, Nulato Recording District, Alaska, approximately half an acre. It is bounded by Autoski Drive on the west and Tom Cook Loop on the north. There is parking currently on three sides of the building. A building addition could be constructed onto the building, when required, on the north side of the existing structure.

On-site utilities include underground City water (to be connected in the summer of 2006), and City power and telephone. There is a primary sewage treatment facility located on the building's south side. The heating system is served by an above-ground fuel oil tank.

The Yukon-Koyukuk Center is a partner with Galena City Schools and GILA (Galena International Learning Academy), sponsoring joint programs and sharing classroom facilities. Because of GILA's extensive vocational educational programs, there is a natural progression for local and regional high school students to continue with post-secondary education right in their community, programs which are linked with UAF. The Center can serve as an information source and organizational focus for programs leading to degrees granted by UAF to students in the Yukon-Koyukuk area.

OPPORTUNITIES FOR CAMPUS CHANGE

RENOVATION

The Center could develop each of their office areas, except for the Coordinator's office, as small audiovisual classrooms. They will need to consider installing blinds on the exterior windows of offices and classrooms if audiovisual aids are used in their courses (projection screens, television cassettes, etc.) which may make screen viewing easier. Telecommunications capacity needs to be improved if the Center is to function primarily as a distance education facility, without "piggybacking" on the school system's telecommunications links.

If the building's size is increased above 1,500 SF, separate restrooms will be required by the current State plumbing code. New restrooms would therefore need to be included in a building expansion project.

The large central classroom is currently the center of traffic to and from the smaller rooms. It needs to be repartitioned or isolated with movable partitions so classes can be conducted in it while the other rooms are in use. Another possible renovation would be converting the rooms at the west end of the building (Coordinator's Office, Admin. Asst. Office and Copy Room) so that end of the building is used for office and reception purposes, and the large classroom and three smaller rooms at the other end of the building are used for classes or audioconferences.

A NEW CAMPUS PLAN

The Yukon-Koykuk Center has just moved into a small facility renovated for its use, and is being well maintained and serviced by the City of Galena. Its primary needs at this time are the improvement of its telecommunications service from GCI, and completion of the lease improvements planned for 2006. Its class offerings are currently integrated with those of other post-secondary educational institutions in the community, primarily GILA (Galena Independent Learning Academy). The Center provides UAF curriculum information and Cooperative Extension Service pamphlets to local residents. Its website is integrated with the Interior-Aleutians Campus website at UAF.

A number of the existing spaces in the facility are small in comparison to other IAC centers, and there are program spaces not available, which are provided by sharing City or GILA school facilities at this time. Here is a summary of existing vs. typical IAC program areas, which may be used in planning future expansion or renovation of the facility, as the needs occur.

SUMMARY OF PROGRAM AREAS

SPACE TYPE	EXIST. AREA (SF)	TYP. IAC AREA (SF)	SERVICES	EQUIPMENT	COMMENTS
Coordinator's Office	127	155	Internet, LAN	Desk, Chair, File Cabinets, PC, Printer	Book Storage 100 LF (typ.)
Admin. Asst. Office	92	155	Internet, LAN	Desk, Chair, File Cabinets, PC, Printer	Ref. Storage 60 LF (typ.)
PAT Office (= UAF Staff Office)	113	155	Internet, LAN	Desk, Chair, PC, Printer	Ref. Storage 60 LF (typ.)
Classroom: Type A - 15 students	372	375 x 2	Internet, LAN, WAN, Level 4 Technology	Table, Chairs, TV, Speaker Phones	No teleconf. eqt./plumbing (sink, ctr) yet.
SPACE TYPE	EXIST. AREA (SF)	TYP. IAC AREA (SF)	SERVICES	EQUIPMENT	COMMENTS
Computer Lab - 7 student capacity	143	525	Internet, LAN, WAN, Level 4 Technology	Tables, Chairs, PCs, Printer, Scanner	Lacks connectivity.
Total: Program Area	847				
Copying/Storage	137	320		Shelving, copier	
Custodial	33	150			
Total: Support Area	170				
Restroom	63	300			
Mech./Elect.	39	150			
Total: Service Area	102				
Total: All Areas	1119				
Circulation	143				
TOTAL AREA	1262				

Future Areas to be Added:

2nd Type A Classroom Library/Reference Room 375 SF

525 SF, expandable to 1050 SF

Student Lounge 300 SF Reception Area 300 SF

200 SF Storage Room

Efficiency Apt. (Visiting Staff) 400 SF

