



Colorado State University
Alternative Transportation Fee Advisory Board
2021-2022 Project Proposal Form



Project Name/Location: SkiSU Ski Bus 2022-23 Season

Estimated Initial Cost: \$20,500 Estimated Recurring Cost (if applicable): n/a

Funding Request from ATFAB: \$9,892 Matching Funds (if applicable): \$10,608 (ticket sales)

Please Attach the Full Budget: Include total cost, amount requested from ATFAB, breakdown of all expenses, funding from other sources, etc. Please be thorough and specific.

Submitting Unit:

Name: Erika Benti

Telephone: 970-491-7600

Email Address: erika.benti@colostate.edu

Department: Parking and
Transportation Services

College or Division: Division of University
Operations

Approvals (Signatures):

Provost/VP: _____ Signature/Date: _____

Department Head/Director *

Name: Dave Bradford Signature/Date: [Signature] 1/20/2022

*Whomever oversees the areas affected by the proposed project. For example, if the proposal was to add covered bike parking near the LSC, you need to contact the Director/Department Head in charge of the LSC. Please contact ATFAB with any questions.

Facilities Management Approval of Estimated Budget/Schedule

Name: n/a Signature/Date: n/a

Fill out and return proposal documents via email to ATFAB_CSU@colostate.edu and Aaron.Fodge@colostate.edu Deadline for final submissions – Friday January 21st, 2022

If project involves infrastructure construction, CSU Facilities must review cost estimates and proposal schedule. Facilities Deadline – Friday December 10th, 2021 Please email to David Hansen at David.Hansen@colostate.edu

If accepted, you will be asked to give a 30-minute formal presentation to the ATFAB.

As an attached document, please answer the following questions:

1. Description of the project (limit to ½ page):

The SkiSU Bus is currently in its fifth year, thanks to funding from ATFAB in the 2018-19, 2019-20 and 2021-22 seasons and Housing and Dining Services' Sustainability Fund in the project's pilot year (2017-18). SkiSU has 12 trips planned for the Spring Semester 2022 on Saturdays and Sundays, starting with a January 22nd, 2022, trip to Copper Mountain.

This proposal accounts for funding for the SkiSU Bus in the 2022-23 season for 12 trips with the attached itemized budget.

The SkiSU program is growing in familiarity and support among students and has developed partnerships with stakeholders across campus who help to promote the program, including Parents and Family Programs, The Rec Center, International Programs, The Spoke, and CSU Snowriders. The project team will strive to build a wider web of partnerships across campus throughout this season.

In the current 2021-22 season, SkiSU is back to its full 54 ticket capacity on each bus with masks required, following a season of limited capacity (24 seats) in the 2020-21 season due to COVID. The 54 tickets are divided into two categories: 42 tickets for CSU students at \$23 each and 12 tickets for CSU employees at \$30 each.

Opening a limited number of employee tickets came as a response to interest from CSU employees and their representatives (like the Classified Personnel Council) to participate in the program. 12 tickets will be available to employees for each trip at a rate of \$30 each, representing the "true" cost of the seat and not utilizing ATFAB funds. This expansion of the program allows for more trips throughout the season, and all unused employee tickets are returned to the student pool on the Thursday prior to each trip.

2. Approximate timeline for the project (have you contacted Facilities for a bid and proposed schedule, if applicable?):

The 2022-23 season of SkiSU will run in the spring semester 2023 (January – April), on mostly Saturdays and few Sundays, for a total of 12 day-trips to various resorts. For a sample schedule from the 2021-22 season, please visit pts.colostate.edu/skisu.

3. Please provide a discussion of how users will be supported (limit to ¼ page):

SkiSU's online ticket sales page (skisu.colostate.edu) will allow students and employees to purchase a ticket for \$23 and \$30, respectively. Customers are also allowed to purchase a ticket for a non-student or employee guest at the same price. 54 seats (12 for employees and 42 for students) will be available for each of the twelve trips.

Customers' preferences and satisfaction are measured through a mid-season and post-season survey. These tools help the SkiSU team to set the destinations each season and adjust factors such as timing of bus departures and methods of communication.

4. Please describe the benefits to students in accordance with ATFAB By-Laws (see Article VII, Funding Rules). Website: <https://atfab.colostate.edu/atfab-bylaws/>

Benefit to CSU Students:

SkiSU provides an inclusive opportunity for students to experience Colorado's great outdoors, who might otherwise be prohibited by cost, distance, or other factors.

According to the most recent CSU Parking & Transportation Survey (conducted in February 2020, pre-pandemic), only 32% of students report a personal vehicle as their primary mode of transportation to campus (compared to 22% walking, 21% transit and 17% biking). A ski bus fills a gap in the ever-expanding suite of alternative transportation options available to students at CSU, adding ski resorts to the list of destinations students can reach without a car - alongside the many local options, as well as regional bus service to Loveland, Boulder, Greeley and Denver. The number of residential parking permits sold to first-year students has dropped in recent years. Only about 30% of first year students bring a car.

Many students get around locally without a car, and live car-free in CSU's residence halls. Students who use alternative modes help CSU meet its sustainability goals and benefit from Fort Collins' comprehensive transit, bicycle, and pedestrian facilities, but what do they do when they want to visit the mountains? With the SkiSU bus, students living on and off campus have a convenient, safe, and affordable option.

In the 2020-21 post-season survey (conducted in the Spring of 2021), 71% of SkiSU customers said they would not have gone skiing or snowboarding that day without a ride from SkiSU (as opposed to driving or carpooling to the resort). This is consistent with results from surveys in past seasons and supports the idea that SkiSU provides new opportunities for CSU students.

Environmental Benefit:

From a sustainability perspective, SkiSU is helping to reduce trips on the congested I-70 corridor and lessen the environmental impacts of vehicle emissions.

For the 2019-20 season (the most recent with full bus capacity allowed), with a total of 289 tickets sold and an average trip distance of 135 miles one-way, SkiSU saved a total of 21.78 metric tons of CO₂ using a coach bus, compared to if those trips had been taken in an average single-occupancy vehicle (source: calculator.carbonfootprint.com). That's the amount of carbon it would take 28.4 acres of forest to sequester in one year, or the carbon emissions equivalent of 2,451 gallons of gasoline consumed (source: epa.gov/energy/greenhouse-gas-equivalencies-calculator).

5. Please provide any evidence that there is student support for the following proposal

(i.e. petitioning, letters of support, requests for proposal by students, ASCSU Resolutions, College Council approvals, etc.) It is highly recommended that proposals reach out to students; the level of student support for your proposal will likely affect the board's decision to fund it.

SkiSU started as a student Eco Leader project, by students Manny Santistevan and Drew Bell in the 2016-17 academic year. Both interviewed peers to gauge interest, formed a pricing model, conducted initial outreach to Colorado ski resorts, and explored options for renting a charter bus, in coordination with current Project Manager, Erika Benti. Their research demonstrated the need for this service and prompted Parking and Transportation Services to implement a pilot for this 2017-18 academic year. This pilot was supported by Housing and Dining Services, which awarded SkiSU a one-time Sustainability Fund grant to cover half the cost of the pilot year.

SkiSU had an average occupancy of 69% in its first year, then 94% in the second, and 60% in its third and 65% in its fourth (with the third and fourth seasons experiencing a number of adverse impacts due to COVID and weather-related closures). With dedicated marketing to first year students during the orientation season, growing awareness of the program across campus, and the addition of employee customers, the project team expects high averages in coming seasons.

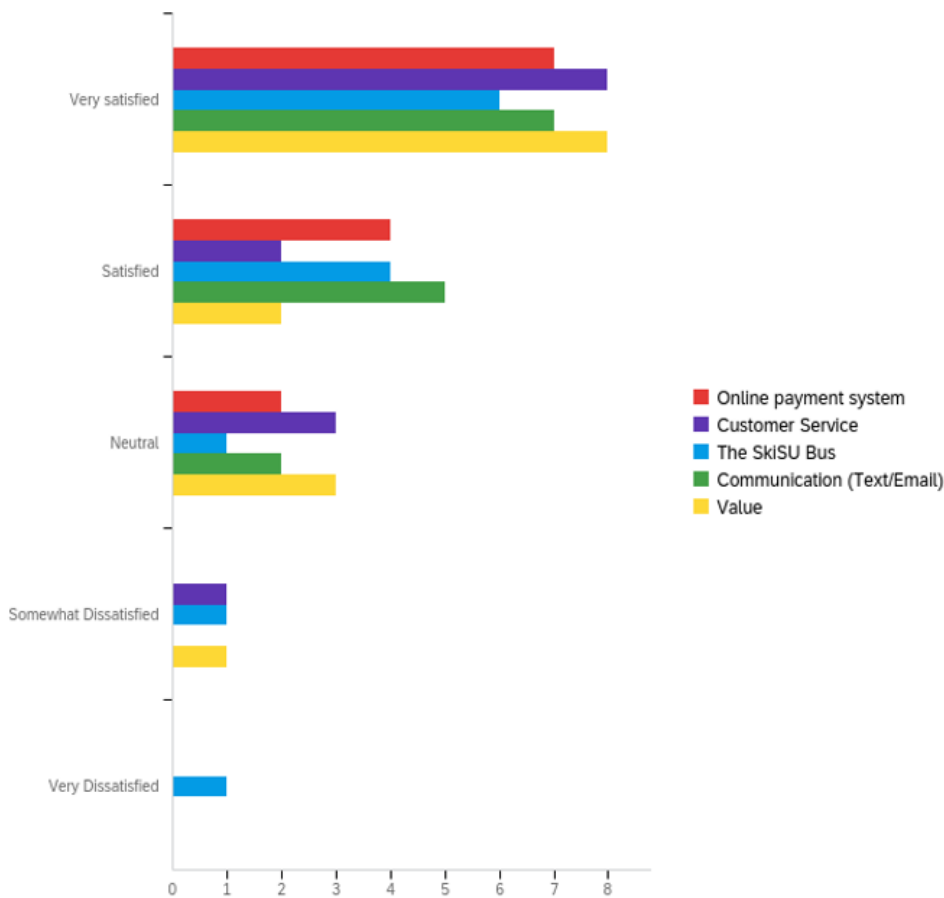
SkiSU customers represent a diverse range of students who live on (54%) and off (46%) campus and from every year of their undergraduate career, plus graduate students.

Notes from the Post-Season Survey

Satisfaction

In the 2020-21 post-season survey, customers rated their satisfaction with the following attributes of the SkiSU program, with most customers feeling satisfied or very satisfied in each category:

How would you rate your satisfaction with SkiSU from the following perspectives:



Customer Comments

“Great program and well managed!! Everything was communicated so well making the trip easy on easy off and very relaxing. Thank you for your hard work making this a fun option to skiing transportation.”

“Excellent service, thanks so much for considering it for next year!”

“Great communication, really easy!”

6. Is your project mentioned in any of the CSU Campus Master Plan documents? Have any campus advisory committees discussed this project? It is recommended that you consult an applicable planning or advisory committee for letters of support and advice regarding your proposal. Please attach any documents if applicable.

Since this project is programmatic (rather than infrastructure) it is not listed in Campus Master Plan documents.

This project originated as a student Eco Leader Project, and earned support from Housing and Dining Services’ Sustainability Fund in its pilot year based on its potential to serve students while making a positive impact on the environment.

SkiSU has become a popular program which is beginning to seep into the culture of CSU, often getting a mention in campus tours and sparking lots of conversation among students and parents at orientation.

7. Please provide any additional information below.

The enclosed budget proposal assumes a 2/3 occupancy (36 of 54 available seats on each bus) when estimating income generated from ticket sales. This conservative budget provides a ‘margin of error’ for the project, so it can continue to run despite periods with low snow, or other unforeseen circumstances. When scheduling the dates, the SkiSU project team avoids holidays, breaks, finals and game days. Any overage in income for the season will be applied directly to the budget for the following season.



2022-23 Season BUDGET - SkiSU Proposal for ATFAB

Prepared by Erika Benti, Parking and Transportation Services

Potential Income (Ticket Sale Scenarios)	Income per Trip	Income per Year (12 Trips)
\$23/ticket x 42 Student tickets + \$30/ticket x 12 Employee Tickets (full occupancy)	\$1,326.00	\$15,912.00
\$23/ticket x 42 Student tickets + \$30/ticket x 12 Employee Tickets (2/3 occupancy)	\$884.00	\$10,608.00

Operating Expenses	Cost per Trip	Cost per Year (12 Trips)
Bus Rental (CSU Facilities), incl. bus, driver, fuel	\$1,375.00	\$16,500.00
6 paid hours for Student Rep + 3 for Backup Rep (@ \$12.56/hr pay + overhead)	\$117.00	\$1,404.00
Bus Parking at Resort	\$0.00	\$0.00
Payment processing fees (estimate)	\$36.00	\$432.00
Texting Service (Day-of communications)	\$15.00	\$180.00
Total Operating Cost	\$1,543.00	\$18,516.00
Support & Marketing	Cost per Trip	Cost per Year (12 Trips)
Student Rep in-office support and backup Rep duties (@ \$12.56/hr pay + overhead), 4 hours/week, December through end of March		\$884.00
Communications/Printing (Collegian Ads, poster printing, table cards, etc.)		\$1,100.00
Total Support & Marketing		\$1,984.00
	Total Expenses	\$20,500.00

Funding Request: \$9,892

Total Expenses - Potential Income 2/3 occupancy = Funding Request

\$20,500 - \$10,608 = \$9,892