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Page 1: Facilities Request Form

Q1

Contact Person:

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Q2

Department:

AKHE

Q3

Title of Request:

Lighting Installation at Cuyamaca College Tennis Facility

Q4

Location of Request:

Tennis courts

Q5

Description of Request: When making your request, please be as specific as possible and include information such as make, model, manufacturer, color, quantity, etc.

Proposal: Lighting Installation at Cuyamaca College Tennis Facility

1. Executive Summary

The Cuyamaca College tennis facility currently has 10 outdoor courts without lighting. Installing lighting will extend usable hours, diversify Exercise Science course offerings (including expanded pickleball and Futsal), boost community rentals and course revenue, and align with trends showing significant growth in both tennis and pickleball participation, while having established infrastructure for new and trending court sport activities.

2. Project Scope

Objectives

- Install high-quality LED lighting on 10 existing tennis courts.
- Enable evening play for tennis and pickleball clinics, leagues, open play, and tournaments.
- Expand recreational activity offerings within the kinesiology program (pickleball, additional tennis).
- Increase facility rental revenue and community engagement.

Deliverables

- LED lighting system with poles, fixtures, wiring, and controls.
- Electrical and civil work necessary for safe operation.
- Compliance with local ordinances and sports lighting standards.
- Marketing plan for new evening and multi-sport programming.

3. Market Demand & Historical Participation Trends

Tennis Trends

- Tennis participation in the U.S. reached 25.7 million players in 2024, marking continued growth.
- Southern California historically has high engagement in tennis; increased hours with lighting can capture peak demand.

Pickleball Trends

- Pickleball is the fastest-growing sport in the U.S., with participation growth of 51.8 % in one year and 223.5 % over three years.
- An estimated 19.8 million Americans played pickleball in 2024, a 45.8 % annual increase and 311 % over three years.
- California consistently ranks among the top states for pickleball facility growth.

Local Community Interest

- Anecdotally, local players in the San Diego/El Cajon area frequently seek pickleball and tennis play — including evening availability — especially where courts are limited.

Conclusion: Demand for racquet sports is robust and growing across age groups — especially among students, adults, and retirees — and expanded hours will meet unmet evening demand

Q6

Estimated Cost:

Estimated Costs

Based on industry data for LED lighting installations:

Item Estimated Range

LED Fixtures & Poles ~\$20,000 to approximately ~\$80,000

Installation (labor, wiring) ~\$40,000 to approximately ~\$150,000Â

Engineering/Permitting ~\$10,000 to approximately ~\$30,000

Total Estimated Investment \$70,000 to \$260,000 (varies by supplier and site specifics)

Note: Some project examples range more widely (\$30,000–\$500,000+) depending on poles, fixture count, and engineering requirements.

Q7 Respondent skipped this question

Please attach quote, if available

Q8 Operations Cost,

Total Cost of Ownership: check all that apply Maintenance Cost

Q9

Please explain your plan to maintain this request:

. Cost-Benefit Analysis

Benefits

Extended Court Hours

- Lighting adds several thousand additional usable hours per year, especially valuable during shorter daylight months.
- Evening play increases accessibility for working adults and students.

Revenue Generation

Potential revenue streams include:

- Court Rentals (peak evening demand often draws higher rental revenues)
- Pickleball Programming — lessons, leagues, camps, socials
- Tennis Programming — clinics, team practices, tournaments
- College Course Expansion — Exercise Science PE courses in pickleball / tennis

Example Revenue Scenarios

(Illustrative figures; actual pricing to be set locally)

Activity	Price	Hours/Week	Weekly Revenue
Court Rental (tennis/pickleball)	\$15/hr	30 hrs	\$450
Lessons/Clinics	\$40/player	20 players/week	\$800
League Play (weekly)	\$10/player	50 players	\$500
Estimated Weekly Total			~\$1,750

Multiply by 40 weeks/year = ~\$70,000+ revenue/year (conservative estimate, excludes special events).

Community & Student Engagement

- Adds opportunities for more kinesiology or physical education courses.
- Enhances community perception of the College as a recreation hub.

Cost

Category Estimated Annual (Post-Install)

Electricity for Lights ~\$2,000 to \$8,000

Maintenance ~\$2,000 to \$10,000

Administrative/Rental Coordination Variable

Payback Period Estimate

If annual increased net revenue (rentals + programming) exceeds \$40,000–\$60,000, the lighting investment could potentially pay back in 4–7 years.

6. Expanded Programming Opportunities

Tennis

- Evening leagues and matches
- Junior development programs
- Community tournaments

Pickleball

- Drop-in play (popular due to rapid game turnover)
- Lessons designed for all ages
- College-credit courses (e.g., fitness, lifetime sports)

Supporting trend: Pickleball's undeniable growth makes it highly attractive for collegiate recreation programs and community rentals — facilities are adding courts and services nationwide.

Q10

Justification of Request: Please select the applicable criteria below and provide the details how the criteria relate to your request.

Support College Mission/Strategic Plan,

Health/Safety/Security Issues,

Growth of department/work area,

Demonstrate need for continuous quality improvement of department/work area

,

Provided details::

Conclusion & Recommendation Investing in LED lighting for the Cuyamaca College tennis facility is a strategic move to:

- Maximize facility utilization
- Grow rental and course revenue
- Support expanding participation in tennis and pickleball
- Enhance student and community engagement

Given the growing racquet sport trends and revenue potential, this project should be prioritized to expand offerings and improve the overall value of the Cuyamaca College athletic facilities.
