A background of binary code (0s and 1s) in a light blue color, with a network of dark blue lines and dots overlaid, representing data flow and connectivity. The background is visible through a semi-transparent teal overlay.

SUMMARY & INITIAL IMPACT REPORT

AI CAPSTONE IMPACT REPORT



**KRAUSE CENTER
for INNOVATION**

FOOTHILL-DE ANZA COMMUNITY COLLEGE DISTRICT

2025

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INTRODUCTION



For over 25 years, visionary Executive Director Gay Krause has led the Krause Center for Innovation (KCI). Recognizing the urgent need to support local districts in navigating the complexities of artificial intelligence (AI), she and her team developed a groundbreaking intervention: the AI Empowered Educator Capstone.

Launched in spring 2025, the inaugural program was designed to equip educational leaders with the knowledge and skills needed to effectively integrate AI into their teaching practices. Kas Pereira, Instructional Design & Technology Faculty member at Foothill College and Innovator in Residence at KCI, developed the curriculum. Professor Pereira is an innovative faculty leader who empowers K-12 educators to use emerging technologies for creative, human-centered learning.

The course underwent a rigorous, multi-layered approval process, first passing through review by both the college's and the district's curriculum committees. It was then approved by the District's Board of Trustees before being forwarded to the California Community Colleges Chancellor's Office for final state-level certification. This meticulous process ensures the curriculum meets the highest standards for quality and integrity.

The program itself provided a hands-on, collaborative environment where participants explored AI tools, developed innovative teaching strategies, and built a community of practice. This report summarizes the program's beta outcomes from Cohort I.

“ —

The Krause Center for Innovation delivered one of the most engaging and forward-thinking learning experiences I've ever had. The AI Capstone was an amazing exploration of AI in education.

-Capstone Participant

Cohort I: Participant Overview

The program attracted 31 educational professionals. The group was diverse, including classroom teachers and instructional coaches/teachers on special assignment (TOSA).



All shared a common goal: to leverage AI to enhance student learning.

Participants by Role

The following results are from those who completed the survey.

Role	# of Participants
K-5 Teachers	5
6-12 Teachers	12
TOSAs	7

Weekly Time Commitment

3-6 HOURS/WEEK

Participant Time Commitment

On average, participants dedicated a significant amount of time to the program each week. The majority of participants (88%) spent 3-6 hours per week on program activities that were designed to be asynchronous without in-person or live virtual sessions. A smaller group (12%) spent 1-3 hours per week. This demonstrates a strong commitment from the cohort to engage deeply with the material, and it also shows that the course material is rigorous and demands a commitment from the participant to learn how AI can be used in education.

“ —

The AI Capstone gave me the space to move beyond curiosity and into clarity. I left with not just tools, but a human-centered framework for using AI in ways that uplift student voice, preserve trust, and expand access. This course reshaped how I think about AI in education.

-Capstone Participant

Key Findings and Insights

The program was highly successful in achieving its objectives, with participants reporting significant gains in their understanding and application of AI in education.

A key insight is the transformative potential of AI to personalize learning, increase student engagement, and streamline administrative tasks for educators. The data also reveals a strong desire among participants for ongoing professional development and support in this rapidly evolving field.



“ —

Whether we like it or not, AI is transforming education. There is great potential for innovation as well as hazard. KCI's program has helped prepare me to face the future. This fun and well-designed course will open your eyes to how you can leverage the best this technology has to offer students and teachers.

- Capstone Participant



There is a transformative potential of AI to personalize learning, increase student engagement, and streamline administrative tasks for educators.

Overall Program Impact and Recommendations

The AI Capstone Program has had a profound impact on its participants, empowering them to become leaders in AI integration within their respective schools and districts. The program's success underscores the need for continued investment in AI-focused professional development for educators.



RECOMMENDATIONS

1

Expand the Program

Offer the AI Capstone Program to a wider audience of educators, including high school teachers and district-level administrators.

2

Develop Advanced Modules

Create follow-up modules for program graduates to delve deeper into specific AI applications and advanced topics.

3

Foster Community of Practice

Establish a formal network for program alumni to continue collaborating, sharing resources, and supporting one another.

“

Learning how to use AI tools to give students more personalized and timely feedback has been a game-changer. It's helped me save time while still supporting each student's needs. I've also been able to use AI to generate different types of feedback, like sentence starters, suggestions, or even translations, which has made a big difference for my multilingual learners.

-Capstone Participant

"I Can" Statements: Skill and Competency Development

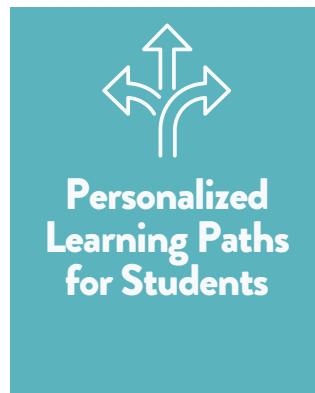


Participants showed remarkable growth in their confidence and ability to use AI in their professional practice. The "I Can" statements from the evaluation highlight this development across key skill areas, with participants rating their abilities on a scale of "Strongly Disagree to Strongly Agree". The results demonstrate a high level of confidence in applying their new skills.

STATEMENT OF ACHIEVEMENT		SUCCESS METRIC
I can statement	% of Strongly Agree or Agree	
I can understand foundational concepts and the evolution of artificial intelligence (AI).	100%	
I can analyze current AI applications in education.	100%	
I can identify and address ethical implications of AI in education.	100%	
I can develop strategies for responsible AI integration.	100%	
I can implement AI literacy activities with learners.	100%	
I can critically assess AI-related policies and practices.	100%	
I can analyze and evaluate artificial intelligence (AI) tools available for educational purposes.	100%	
I can implement AI technologies in the classroom.	96%	
I can utilize AI for personalized learning experiences and adaptive learning paths.	96%	
I can use AI tools for feedback and evaluation.	100%	
I can evaluate the impact of AI on learning outcomes.	100%	

Largest Impact on Teaching

When asked about the most significant impact on their teaching, participants most frequently cited two areas: the final project where they designed an AI-specific project to utilize with their students or staff and AI support for student feedback and assessment. By utilizing AI-powered tools, educators can now tailor assignments, resources, and assessments to meet the unique needs of each learner, thereby fostering a more inclusive and effective learning environment.





Hands-on exploration of tools

Most Impactful Tool, Mindset, Strategy, or Community Builder

The most impactful aspect of the program, as reported by participants, was the hands-on exploration of various AI tools and the open and growth mindset promoted by instructor, Professor Pereira. This practical experience, combined with collaborative discussions and project-based learning, proved to be a powerful combination for fostering innovation and building a supportive professional community.

Overall Experience with the Krause Center for Innovation

Participants rated their overall experience with the KCI exceptionally high, with an average rating of 4.9 out of 5. They praised KCI for its knowledgeable instructor, well-organized program, and supportive learning environment. They also indicated that they felt much more confident in using AI in an instructional environment so they can better personalize instruction for their students.



4.9



Highly Effective
9.8/10

Engagement and Content Relevance by Professional Learning Leaders

Participants also rated the immediate usefulness to their current learning environment and the long-term usefulness of this program on their teaching. Both areas were rated an average of 9.8/10 indicating significant applicability of the course content to their professional environment in their future, near-future, or long-term teaching.

“

“My experience with this program was fantastic. I learned so much about the powerful applications of AI in education and feel significantly more confident in using it. I truly look forward to leveraging AI to differentiate content for my learners and to continue growing as a teacher.”

-Capstone Participant

SUMMATIVE CONCLUSION



The AI Capstone Program has been a resounding success, equipping educational leaders with the skills, knowledge, and confidence to effectively integrate AI into their practice.

The program's high ratings, positive testimonials, and reported impact on teaching all point to a model of professional development that is both effective and highly valued by educators. The Krause Center for Innovation has created a program that not only meets the current needs of educators but also prepares them for the future of learning.

Krause Center for Innovation Staff

- Gay Krause, Executive Director
- Justin Sewell, Director - Programs and Partnerships
- Jen Gibson, Director - Strategy and Marketing
- Kas Pereira, Instructional Design & Technology Faculty
- Rachel Okazaki, Makerspace Coordinator
- Lisa Tannert, Senior Administrative Assistant

Foothill-De Anza Community College District Board of Trustees

- Peter Landsberger, President (Trustee Area 3)
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- Laura Casas (Trustee Area 1)
- Terry Godfrey (Trustee Area 5)
- Alexander Gvatua (Trustee Area 2)
- Elora Zhu (De Anza College Student Trustee)
- Maria Blaze (Foothill College Student Trustee)
- Lee D. Lambert, Chancellor and Secretary to the Board

“ —

**Drinking from the firehose is an understatement.
This course is like 3 firehoses....and I enjoyed
every droplet of it!**

-Capstone Participant

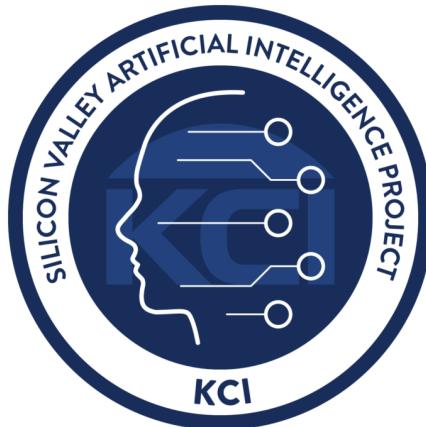
OUR STORY SO FAR

CREATING THE MOST ADVANCED TEACHING WORKFORCE IN THE COUNTRY

The rapid rise of Artificial Intelligence (AI) is reshaping every aspect of our world, yet its immense potential in education remains largely untapped. At the Krause Center for Innovation (KCI), we recognized this pressing issue early on.

Over the past year, we've engaged extensively with teachers, school leaders, and community members across the Bay Area and beyond, listening to their challenges and aspirations. What we found was clear: while educators recognize AI's transformative power—from freeing up time for personalized instruction to creating a greater impact on student learning—they often lack the tools and guidance to effectively integrate it into their classrooms.

This gap presents a significant barrier. Educators are the cornerstone of our future, shaping the minds of the next generations who will drive our state and country forward. These students must understand how to leverage AI for the greater good, and that starts with empowering their teachers.



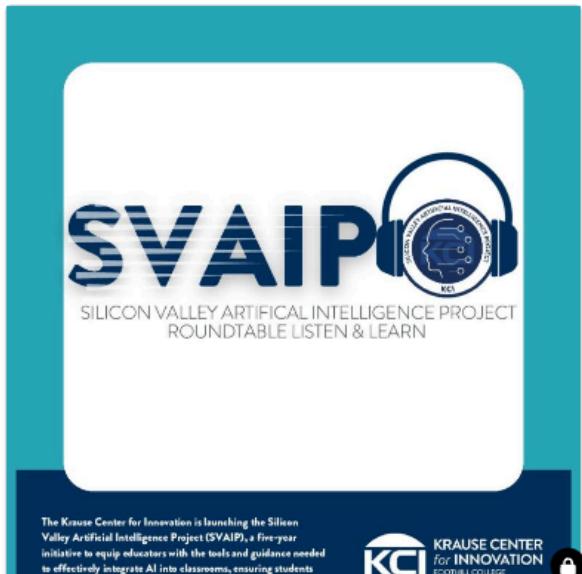
Empowering Educators for an AI Future

In response to this critical need, the Krause Center for Innovation is proud to announce the launch of the Silicon Valley Artificial Intelligence Project (SVAIP). This bold, five-year initiative is designed to bridge the AI literacy gap in education and equip educators with the knowledge, skills, and confidence to harness AI effectively, ensuring students are prepared to thrive in a rapidly evolving world.

We're just getting started with the 2025-2026 academic year, and the energy is palpable! We're excited to welcome new cohorts of dedicated educators ready to embark on this transformative journey. Our work will include robust professional development within schools to provide tailored support, and we're already planning two major summits to bring together thought leaders and practitioners to share insights and best practices.

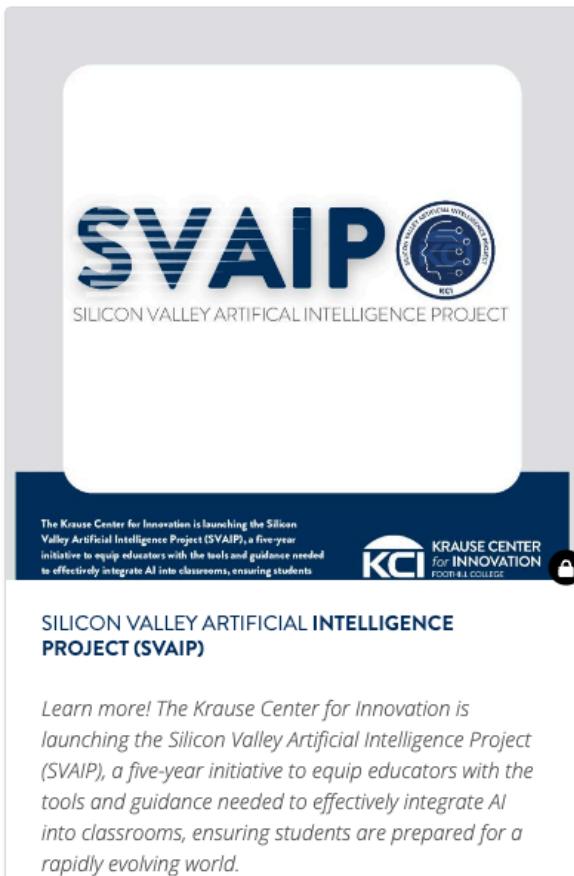
Through SVAIP, KCI is committed to providing educators with the tools and guidance they need to integrate AI seamlessly and impactfully into their classrooms. We believe that by empowering teachers, we empower students to become the innovative and responsible citizens of tomorrow.

Resources



AI ROUNDTABLE LISTENING SESSION REPORT

In this report, you will learn: - Ideas and recommendations for building an AI-ready education infrastructure that is inclusive, scalable, and adaptable to evolving technology, ensuring both students and teachers can benefit from AI-driven tools. - Strategies for implementation - Preparing for AI - What others are doing



SILICON VALLEY ARTIFICIAL INTELLIGENCE PROJECT (SVAIP)

Learn more! The Krause Center for Innovation is launching the Silicon Valley Artificial Intelligence Project (SVAIP), a five-year initiative to equip educators with the tools and guidance needed to effectively integrate AI into classrooms, ensuring students are prepared for a rapidly evolving world.



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