



# Developing the Future for Students: Folsom Lake College's Artificial Intelligence (AI) Department

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# Overview

- AI Department Highlights
- K12 Partnerships
- Industry Partnerships
- Higher Education & City Partnerships



# Highlights

## **Curriculum Development:**

- In 2021, Dr. Suha Al Juboori, in collaboration with adjunct faculty members Chuck Brown and Ethan Eldridge, began developing courses and degrees for Folsom Lake College.

## **State Level Achievement:**

- In 2023, Dr. Al Juboori collaborated on a proposal for a new AI discipline that has been approved at the state level, setting a standard for AI education across California.

## **AI Department:**

- In 2024, Dr. Al Juboori led the creation of an AI Department at Folsom Lake College, positioning us at the forefront of AI education and ensuring we remain competitive with other colleges across the state pursuing similar initiatives.

# Artificial Intelligence Department

## Purpose & Goals

- Prepare students for AI careers and transfer pathways through stackable certificates, degrees, and articulated programs.
- Build a regional AI workforce by aligning curriculum with industry and labor-market needs.
- Expand equitable access to high-value AI education for diverse learners.
- Integrate AI literacy across disciplines to support all fields of study.
- Embed ethical, responsible, and human-centered AI practices in all programs.
- Strengthen partnerships with industry, universities, and the community to support jobs, innovation, and economic growth.

Established in 2024, the AI Department at FLC is the second stand-alone AI department in California, positioning FLC as a statewide leader in future-focused education.

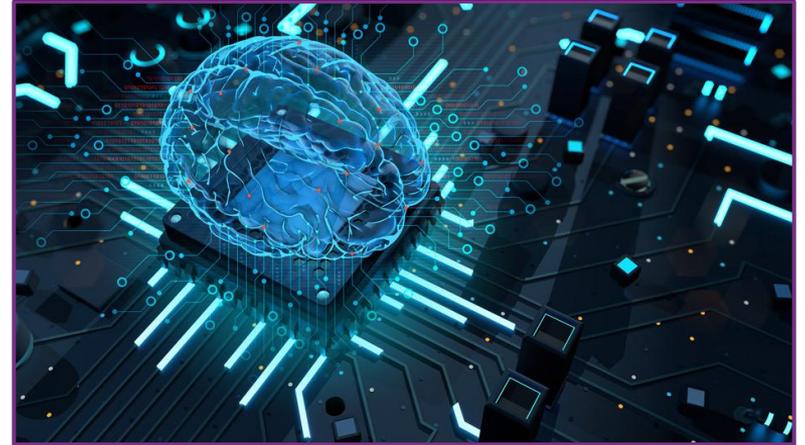
# AI Department - Degrees & Certificates

## Cataloged:

- AI and Machine Learning Certificate

## In Process:

- Applied Artificial Intelligence AS Degree
- Deep Learning Certificate
- Generative Artificial Intelligence Certificate
- Natural Language Processing Certificate
- Computer Vision Certificate



# Highlights continued

## AI Summits:

- In 2024 and 2025, in partnership with Los Rios Community College District, FLC's AI Department contributed to the development and delivery of the annual Los Rios AI Summits to support faculty development.

## FLC's AI Task Force:

- Established in 2025, Dr. Suha Al Juboori leads FLC's AI Task Force that brings together administration, faculty, classified staff, and students.



Dr. Suha Al Juboori

## CCCCO:

- Dr. Al Juboori was one of 12 individuals selected as a CCCCCO AI Fellow to advance the thoughtful and equitable integration of AI across the CCC by promoting innovation in teaching, learning, operational efficiency, and student support.

# AI Summer Bootcamp

- Piloted in Summer 2025
- 31 local high school students participated
- Goal: Develop students' foundational skills to help them succeed in AI 300: Introduction to AI & Machine Learning



# Shasta Union High School District Partnership

Strong Workforce Funded Grant that will:

1. Develop a train-the-trainer model for AI bootcamps.
2. Support their development of AI curriculum.
3. Create a pipeline for their students to enroll at FLC.



# Visions in Education Partnership

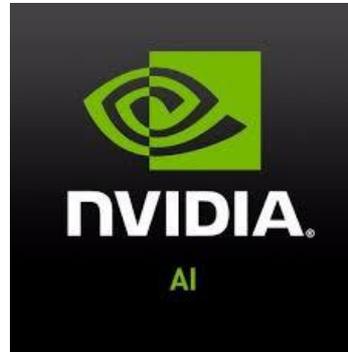
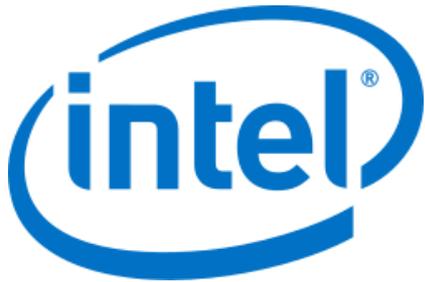
Partnership includes supporting their new AI pathway by:

1. Reviewing and providing feedback for their two concentrator courses.
2. Supporting the development of a capstone course that could qualify for Credit for Prior Learning (CPL).



# Industry Partnerships

The possibilities are endless, including:



# Higher Education & City Partnerships

- Sac State's College of Business is planning for a concentration in AI.
- FLC/UC Davis NSF S-STEM Grant Proposal: STEM Pathways, AI-Enhanced Research & Community; \$5,000,000/six years
- The city of Rancho Cordova is aiming to be an "AI City," connecting education, government, and private industry.
- Dr. Suha Al Juboori met with the former Mayor of Folsom to discuss the use of AI at the city level.



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“The key to artificial intelligence has  
always been the representation.”

– Jeff Hawkins



# Questions?

