

CAREER TECHNICAL EDUCATION

UC
"d"

AI Engineering



Silicon Valley Career Technical Education

AI Engineering (UC "d")

svcte.metroed.net/aiengineering

Develop intelligent systems that learn from data and adapt to new challenges, preparing for emerging careers. Students will learn and apply Python coding and machine learning models to solve real-world problems. Students will develop personal and professional skills in the classroom that will transfer to the workplace.

- Career readiness & professional skills
- Git for version control
- Python for data science & AI
- Bias, fairness, & societal impact of AI
- Basic soldering skills
- Supervised & unsupervised machine learning
- Real world datasets & model training
- Computer vision with cameras
- Self-Operating systems & autonomous decision making
- Portfolio-Ready AI projects

CLASS BENEFITS

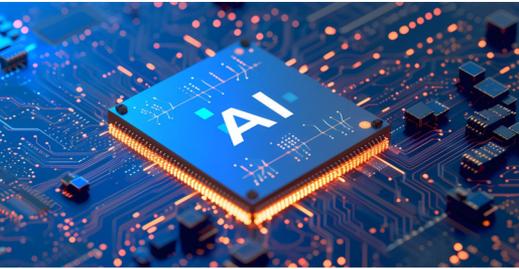
- 30 high school credits earned per year
- Develop skills leading to a highly-paid, high-demand job
- UC "d" approved course

CERTIFICATIONS EARNED WITHIN THE CLASS

- Course competency certificate
- Google IT Support
- Google AI Essentials
- Google UX Design

JOB OPPORTUNITIES UPON COMPLETION

- AI/ML Technician
- AI Research Scientist
- Computer Programmer
- Data Analyst
- Data Scientist
- Machine Learning Engineer
- Research Data Analyst
- Software Developer



Schedule a Tour: svcte.metroed.net/campustours

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Inspire. **Engage.** *Connect.*



Silicon Valley
Career Technical Education

760 Hillsdale Avenue, Building 800
San Jose, CA 95136

ph: 408.723.6454 | fax: 408.266.6531

svcte.org

A MetroED School



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The Governing Board is committed to providing equal opportunity for all individuals in education. District programs, activities, and practices shall be free from unlawful discrimination, including discrimination against an individual or group based on race, color, ancestry, nationality, national origin, ethnic group identification, age, religion, marital, pregnancy, or parental status, physical or mental disability, sex, sexual orientation, gender, gender identity or expression, or genetic information; a perception of one or more of such characteristics; or association with a person or group with one or more of these actual or perceived characteristics.