

**BUILDING THE SKILLED WORKFORCE OUR REGION NEEDS**

Sierra College serves nearly 20,000 students across a 3,200 region – from the Sacramento suburbs through the Sierra foothills to the Truckee-Tahoe Area. Nearly half are enrolled in one of 23 Career Technical Education (CTE) programs delivered in good-paying job sectors where regional employers say they need skilled talent the most.

*“Sierra College is in a special position to provide individuals at all stages of life and career with the training and skills needed to secure high demand, quality jobs, matched to the evolving needs of our regional employers.”*

– **Amy Schulz**,  
Executive Dean, Workforce and Strategic Initiatives



**What We Do:**  
**Programs Built Around Employer Demand**

Sierra College does not design education in isolation. All 23 CTE programs operate with active Employer Advisory Boards that meet regularly to review curriculum, identify skills gaps, and guide program investment. When the region’s needs shift, Sierra is nimble enough to shift with them. Examples include:

**By The Numbers:**

**\$502.6**  
In Annual Student-Driven Economic Impact

**5,428**  
Degrees & Certificates Awarded 2025-26

**40%**  
of students in CTE programs

**350+**  
Employer Advisory Partners

**Sierra Offers a Wide Range of CTE Programs**

Sierra college offers 21 different CTE programs. These programs interact directly with industries and employers within Sierra’s service area and are informed by local labor market needs.



**Nursing and Allied Health.** Nursing, Medical Assisting, Phlebotomy, Surgical Technician, EMT, and Paramedicine.



**Building Industries.** Six-week Construction Fundamentals Boot Camp, Construction Management associate degree, Architectural Drafting, New Facilities Automation Technician certificate/degree.



**Precision Manufacturing.** Advanced Manufacturing (CNC machining, design, CAD /CAM), Mechatronics (industrial automation, robotics) and Welding.



**Applied Arts & Design.** Digital media. Graphic Design. Illustration. Film and Video Production. Web and Interactive Design.



**Public Safety.** Fire Technology, Administration of Justice.



**Business.** Entrepreneurship, Business Administration, Accounting, Real Estate, Tax, Payroll, Retail Management.



**Information Technology.** Cybersecurity, Cloud Computer (AWS), Network Technician, IT Technician, Data Analytics, Computer Science for transfer.

**How We Work:**

EMPLOYER PARTNER. COMMUNITY-DRIVEN.  
READY FOR WHAT'S NEXT.



*"I know some other programs it's mostly lecture. But I think hands-on learning is really important when you're getting into the medical field, to have an idea of what you will be physically working on. I'm definitely grateful we are able to have hands on practice in a big, nice classroom."* – **Mercedes Munteanu**, Medical Assisting student discussing the upgrades made to the Nursing Village thanks to a \$2 million investment from Sutter Health.

**Key Partnerships in Action**

- **Sutter Health – New \$2M Allied Health Investment**  
Converted lecture rooms into labs, doubled the simulated operating room, created a dedicated surgical tech suite, and expanded phlebotomy and paramedic capacity across Sierra's Nursing Village.
- **Bosch – Mechatronics Reskilling**  
Leaders from Bosch's Roseville silicon carbide fab are tailoring Sierra's Mechatronics certificate for their workforce needs during a nearly \$2 billion facility retooling.
- **RJUHSD – \$2.2M Dual Enrollment Expansion**  
New mechatronics labs at Oakmont and Antelope High Schools have helped more than 100 students earned free college credit in Mechatronics.
- **Siemens Mobility – Embedded Instruction**  
Siemens employees teach welding on-site at Sierra, connecting students directly to the company's light rail manufacturing facility and hiring pipeline.
- **Sac State – Mechatronics-to-Bachelor's**  
Sac State professors now teach robotics on Sierra's campus while both institutions develop a new engineering bachelor's program — creating a seamless high school-college-university pathway.

**LOOKING AHEAD:**

**358 New Beds**

Sierra Hall – New, on-campus affordable housing opened January 2026. Majority of the units below market rate to address the single greatest barrier to completion.

**50 Acres**

New Regional Public Safety Training Center. Land purchase finalizing. Co-designed with law enforcement, fire, and EMS for the next generation of first responders.

**New Applied Tech**

Sierra Applied Technology Center bringing new labs for mechatronics, robotics, welding, and advanced manufacturing with industry-standard equipment.

**15 NorCal Colleges**

Sierra College is the new host of the North Far North Regional Consortium — a 15-college, 22-county network designed to increase workforce and CTE collaboration and impact across the North State.



**Staying a Step Ahead of Technology**

*"Education can't stand still while the economy changes. Artificial intelligence, robotics, automation, and other emerging technologies are changing how we live, work, and learn. As educators, we have to anticipate what lies ahead. We work directly with employers every day to align our programs with real workforce needs and give students hands-on experience with the tools transforming today's workplaces. But technical knowledge alone is not enough. Students also need critical thinking, communication, adaptability, and the ability to keep learning throughout their lives. Our responsibility is to prepare students not just for good-paying jobs, but for long-term success in an economy that will continue evolving."*

– **Willy Duncan**  
President/Superintendent

**Local Employers Of Sierra Graduates (Partial)**

Bosch Semiconductors \* Siemens Mobility \* SMUD \* Trane Technologies \* TSI Semiconductors \* Intel \* HP \* Sutter Roseville \* Kaiser Permanente \* Dignity Health \* UC Davis Health \* Western Health Advantage \* AlphaOne Ambulance \* Medic Ambulance \* Swinerton Construction \* Placer County \* Placer County Sheriff's Office \* CalFire \* Nevada County Fire Departments \* City of Roseville \* Raley's / Bel Air Markets

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