SIERRA COLLEGE
CAREER &
TECHNICAL
EDUCATION

Learning for Lifelong Earning

SIERRA COLLEGE CAREER & TECHNICAL EDUCATION

Sierra's CTE Programs

Accounting
Administration of Justice
Advanced Manufacturing
Allied Health
Applied Art & Design
Automotive Basics
Building Industries
Business Administration for Transfer
Drafting – Architectural/Mechanical
Early Childhood Education
EMT/Health Sciences
Engineering
Entrepreneurship
Fashion Industries
Fire Technology
Fitness Trainer
General Business
Geographic Information Systems
Information Technology
Health Sciences
Management
Marketing
Mechatronics
Nursing- Registered/Assistant
Photography
Recreation Management
Sustainable Agriculture
Technical Theater
Welding Technology

What's Your Goal? …we can get you there

- **Certificate**

18 – 24 units of classes just in your area of interest
No general education requirements
Next stop - get a job or move up in your current one!

- **Associates Degree**

60 units
Little bit of everything - but with lots of choices
24-28 units in your major
Next stop: job or transfer

- **Transfer**

60-70 units
Specific requirements depending on school and major
Next stop: four-year college or university

Why You Should Choose Sierra



- Smaller class sizes
- 97 Associate degrees offered
- 85 CTE Certificates
- Guaranteed transfer programs

- Student services include academic, career and personal counseling, free tutoring, health services, drop-in math and writing centers, financial services, career center, student clubs/engagement, food pantry, and more

SIERRA COLLEGE CAREER & TECHNICAL EDUCATION

Begin Your Education at Sierra College and SAVE MONEY!

ANNUAL COST OF ATTENDANCE FOR FULL-TIME STUDENTS 2024-25

College or University	Year Tuition Fees
Sierra College	**$1446**
California State University	$5742
University of California	$13,000
California Private Schools	$25,000 plus

You can prepare to transfer into ANY MAJOR RIGHT HERE! No matter what you want to transfer into: pre-law, pre-med, teaching, computer science, health careers, you name it…

CTE Advantages

- Fastest & largest growing groups of jobs- called ‘middle skills’ careers
- High salaries
- Higher employment rates
- High GPAs
- High degree attainment (faster, too)

Administration of Justice

AST; AA/AS Degrees in three areas: Courts, Probation & Law Enforcement; Reserve Peace Officer; Intro to Dispatch

Typical Positions	Salaries
911 Dispatcher	$70,954
Court Bailiff	$49,500
Forensics Technician	$54,800
Probation Officer	$62,000
Police Officer	$66,500

- Police Agencies
  - Sworn
  - Support
- Private Security
- Corrections
- Courts
- Investigations/PI
- Forensics/Coroner
- Community Service Officer




TRAINING VEHICLE




FREEM
BOLDEN
RANDALL
HAGEY
HARRIS
LASHUA
FLANNERY
SCOTT
TORRES
SANTOS
MILLER
MERCADO

SIERRA COLLEGE CAREER & TECHNICAL EDUCATION

Advanced Manufacturing

AS Degree; Drafting (Mech/Civil); Certificates

Typical positions	Salaries
ADVM Technician	$55,300
CAD Technician	$59,800
Fabricator	$42,750
Machinist	$48,000

- Manufacturing
- Robotics/Automation
- Quality Assurance
- Infrastructure
- Medical Devices

Sustainable Agriculture

Typical positions	Salaries
Farm & Ranch Managers	$57,300
Viticulture Technician	$58,400
Animal Breeder	$50,750
Sports Turf Management	$60,445
Farm Equipment Mechanic	$47,590

- Livestock Management
- Turf Management
- Horse Training
- Farm/Ranch Management
- Horse Breeding
- Farm Mechanic
- Viticulture (wine)

A.S. Degree or Certificates and transfer preparation






RENAULT


IT'S THE CHEESE.
REAL CALIFORNIA CHEESE

SIERRA COLLEGE CAREER & TECHNICAL EDUCATION

Allied Health

Pre-Nursing; Medical Assisting; Phlebotomy; Surgical Technician (F 25)

Typical positions	Salaries
Medical Assistant	$46,235
Phlebotomy	$45,400
Surgical Technician	$104,000

- Medical Offices
- Urgent Care
- Laboratories
- Hospitals
- Outpatient Surgery Centers

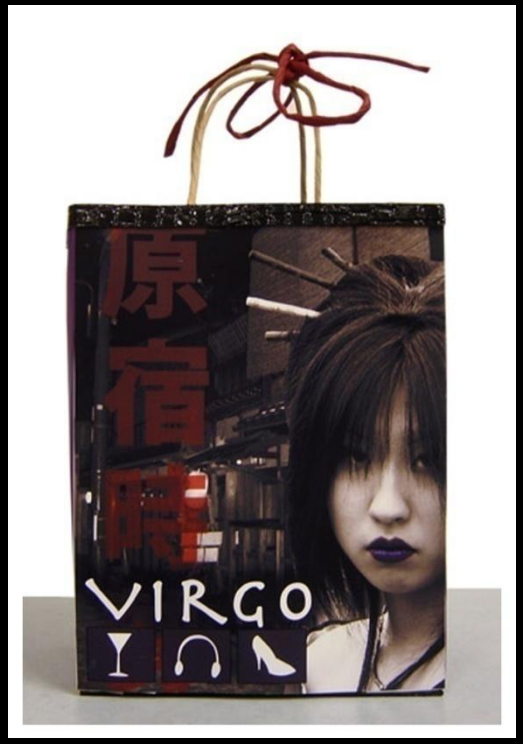
A.S. Degree, Certificates and transfer preparation

Applied Art & Design

Digital Media; Film & Video Production; Graphic Design; Illustration; Web and Interaction Design

Typical positions	Salaries
Desktop Publisher	$58,080
Graphic Designer	$62,000
Multi Media Artist/Animator	$67,000
Digital Marketing Specialist	$73,300

- Web design
- Desktop Publishing
- Packaging Design
- Advertising
- Publishing(books/cards)
- Computer Gaming
- Animation
- Video Production







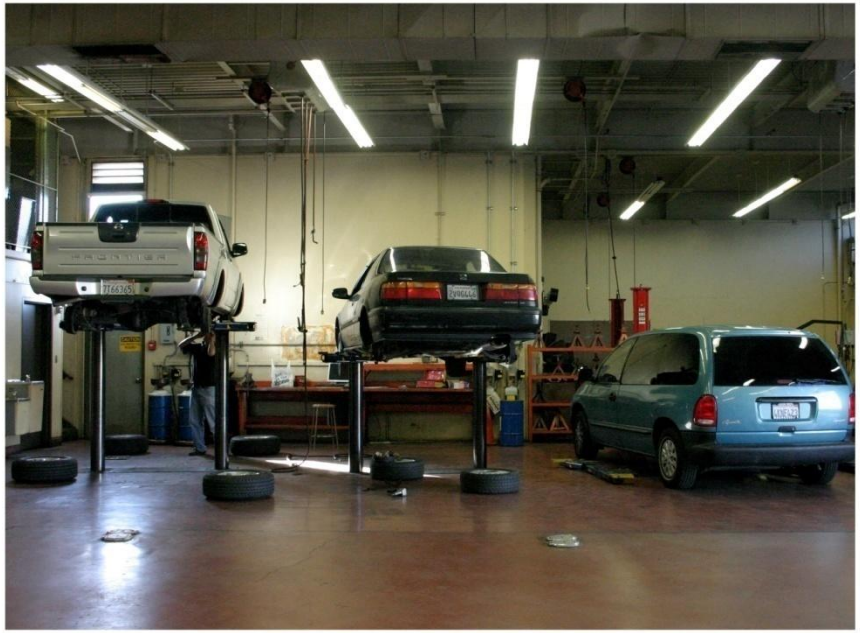
Student Work

SIERRA COLLEGE CAREER & TECHNICAL EDUCATION

Automotive Technology

Credit/Not for Credit options; two course sequence prepares for entry level positions

Typical Positions	Salaries
Auto Service Technician/Mechanic	$60,827
Diesel Engine Mechanic	$62,669
Estimator	$60,360
Auto Service Advisor	$60,300






Snap-



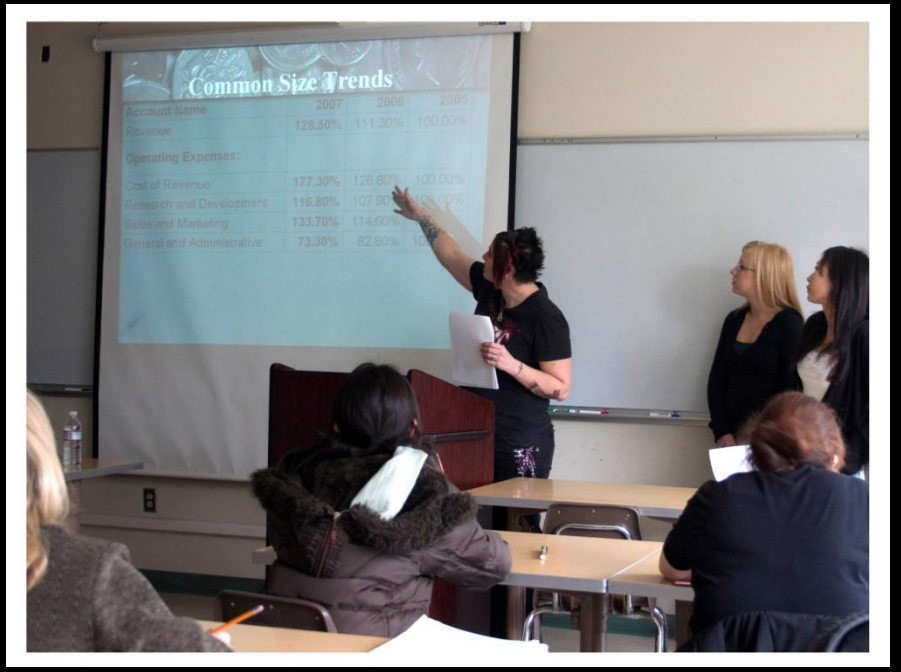
Business

7 AA/AS Degrees 9 Certificates 5 Skills Certificates Transfer Preparation

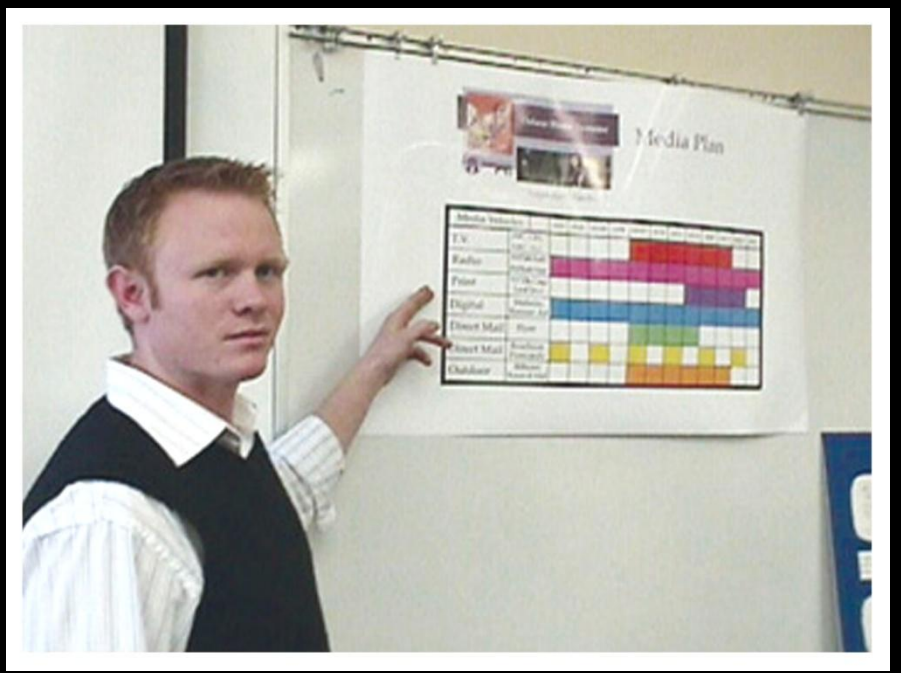
Typical Positions	Salaries
Bookkeeper/Accounting Clerk	$66,457
Tax Preparer	$53,668
Retail Store Manager	$58,930
Payroll Specialist	$54,888
Marketing Associate	$48,000

- Accounting
- Entrepreneurship
- General
- Management
- Marketing
- Real Estate
- Retail Management
- Taxation
- Payroll Professional
- Bookkeeping




Common Size Trends
Account Name
2007
2006
2005
Revenue
128.50%
111.30%
100.00%
Operating Expenses:
Cost of Revenue
177.30%
126.80%
100.00%
Research and Development
116.80%
107.90%
100.00%
Sales and Marketing
133.70%
114.60%
100.00%
General and Administrative
73.30%
82.80%
100.00%


News stations


Media Plan

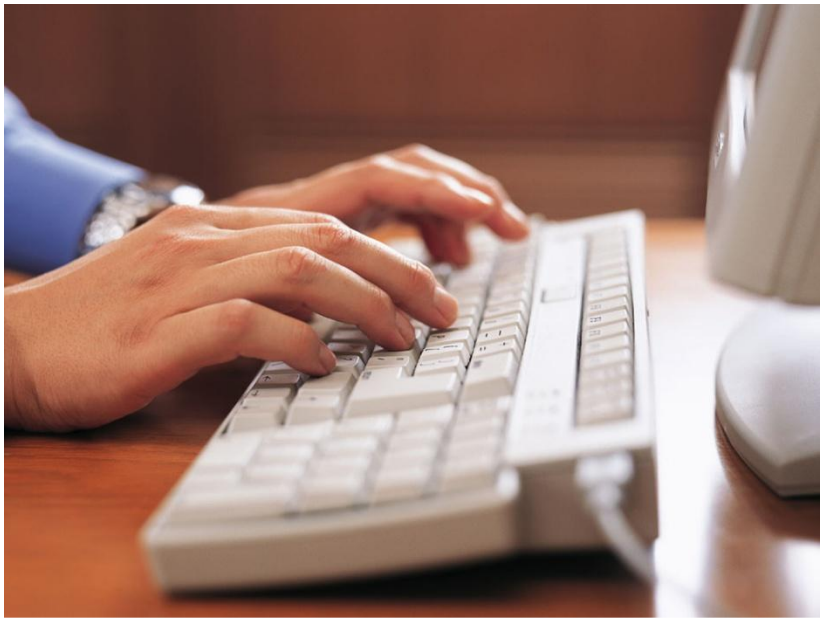
SIERRA COLLEGE CAREER & TECHNICAL EDUCATION

Information Technology

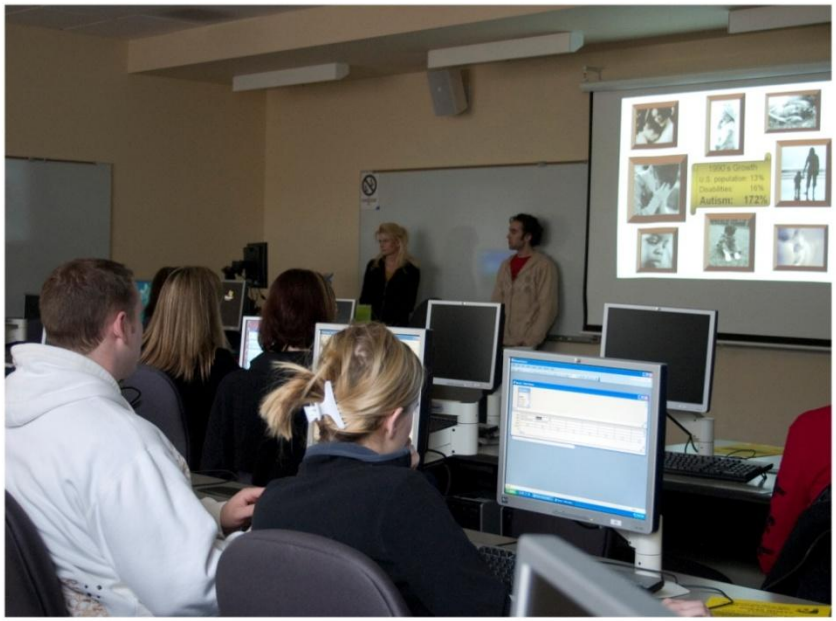
5 Degrees (60 units); 5 Certificates (18-24 Units); 4 Skills Certificates (< 18 units)

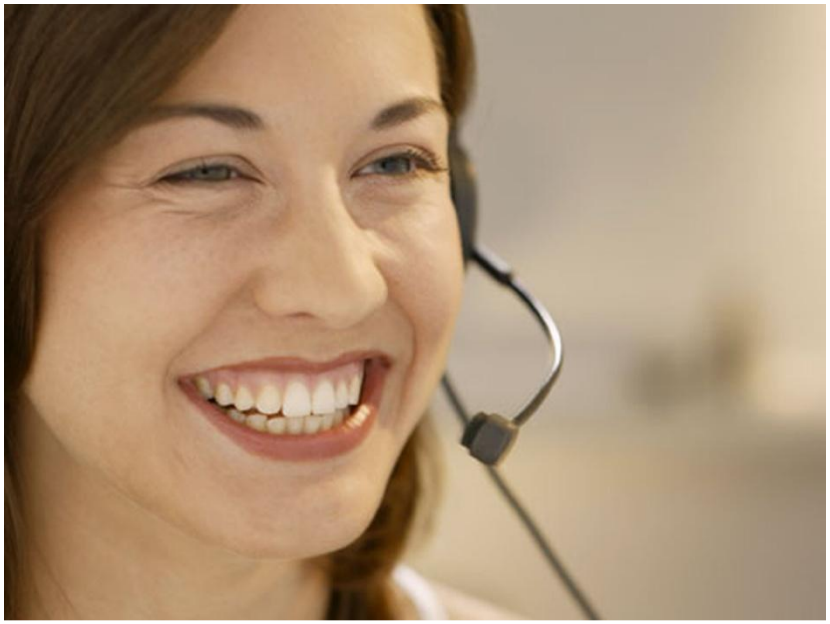
Typical Positions	Salaries
Security Systems Technician	$62,423
Network Technician	$65,071
Cloud Computing Technician	$50,300
Database Administrator	$68,650
Data Analyst	$63,443

- Cloud Computing
- Cybersecurity
- Data Analytics
- IT Technician
- Network Technician




ERGOMART





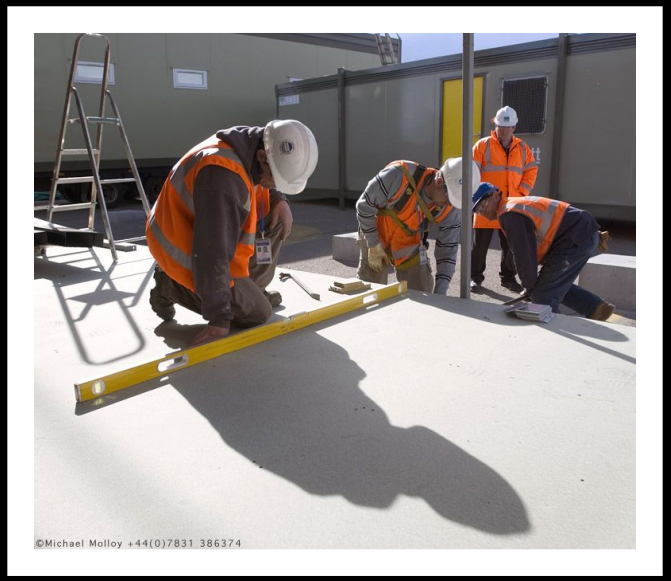
Building Industries

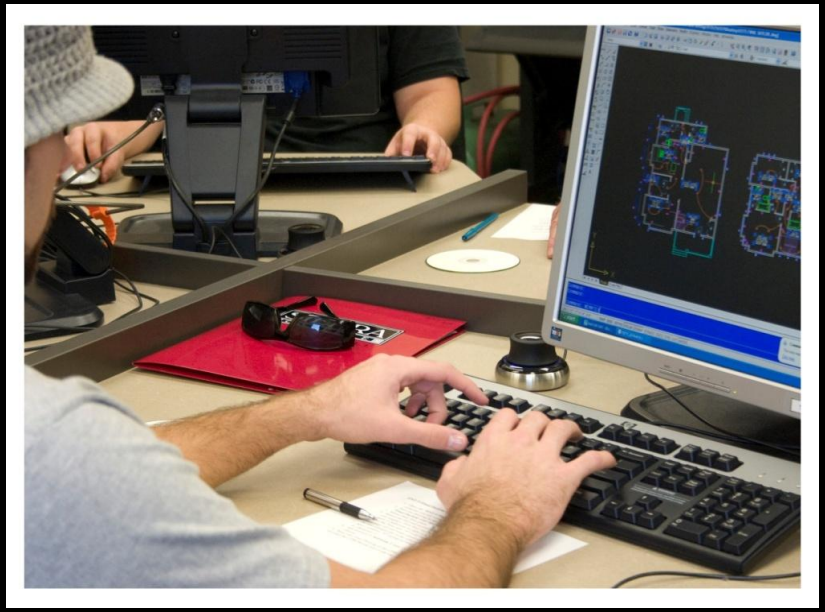
AS Degrees; Drafting- Architectural/Civil Certificate; Non-credit Bootcamp (8 week)

Typical Positions	Salaries
Drafting Specialist	$58,342
Construction Worker	$35,100
Construction Managers	$51,676

- Prep for residential labor positions
- Construction Management
- Drafting Specialist




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Early Childhood Education

Under Human Development & Family; provides required coursework for earning permits; work experience also required

Typical Positions	Salaries
Teacher's Aide (Elementary School)	$31,870
Pre-School Site Supervisor	$47,973
Teacher (Pre-School)	$42,986
Preschool Center Director	$57,250
Elementary School Teacher	$64,354

- Associate Teacher
- Teacher
- Master Teacher
- Site Supervisor


Sutter
ROSEVILLE
AUG 03







EMT/Health Science

Typical Positions	Salaries
EMT - Basic	$42,827
Firefighter EMT	$59,650
Paramedic	$70,720

- First responder basic life support
- Eligible for National Registry of EMT exam
- Required for Fire Academy
- Preparation for paramedic training
- Continuing education for emergency and primary care providers





EMT/PARAMEDIC



Civil/General Engineering Technology

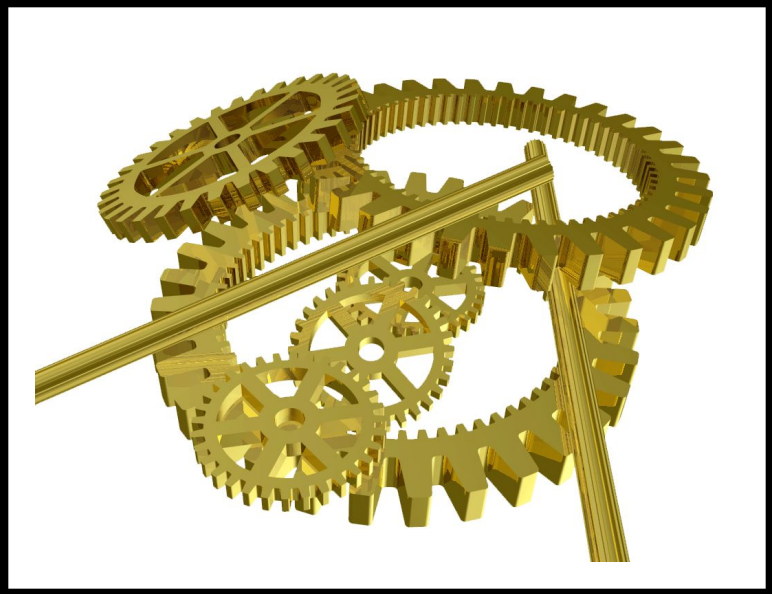
CTE portion of Engineering Department

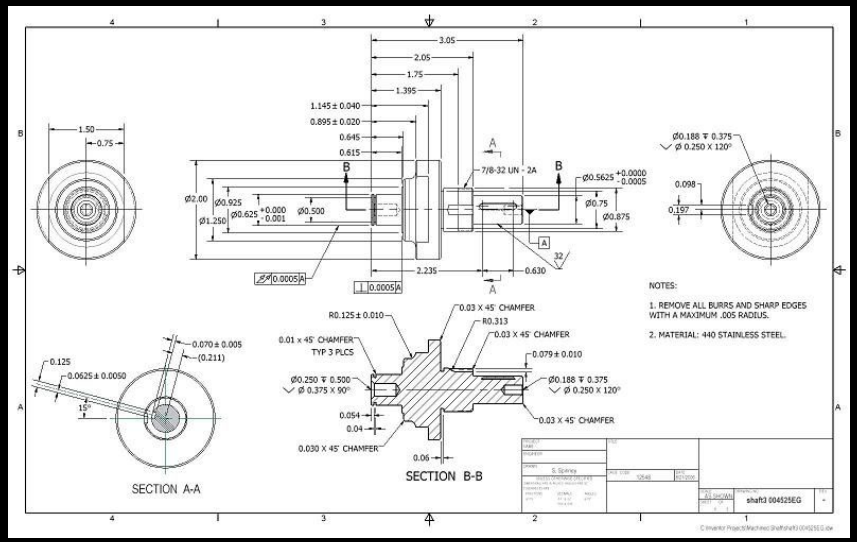
Typical Positions	Salaries
Civil Engineering Technician	$61,032
Land Surveyor Technician	$62,548
Nondestructive Tester	$62,400

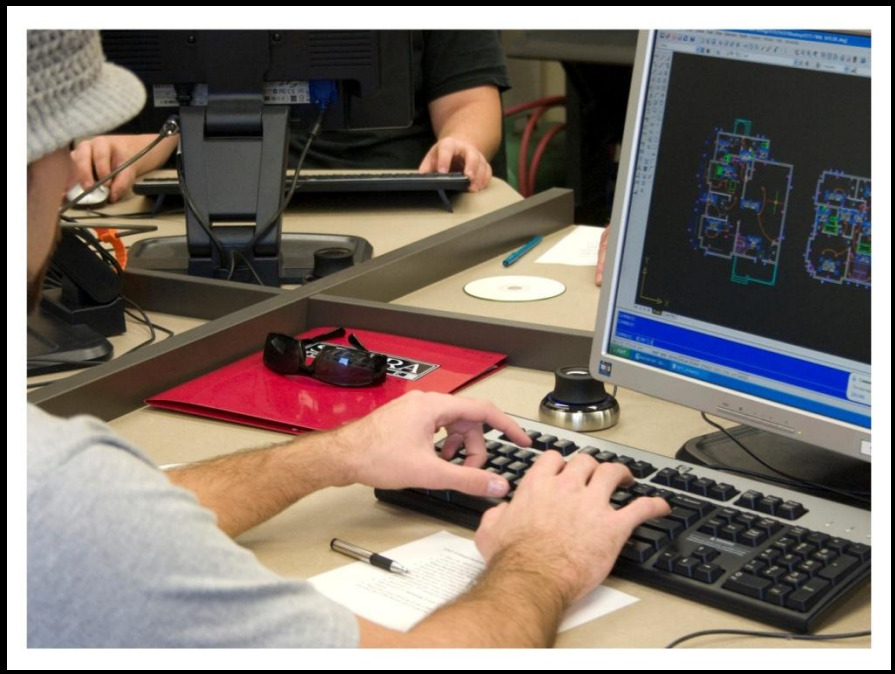
The basic knowledge of engineering applied at the technician level

Fields include surveying, construction, architecture, environmental, material testing, public utilities & land use






3.05
2.05
1.75
1.395
1.145 ± 0.040
0.895 ± 0.020
0.645
0.615
1.50
0.75
7/8-32 UN - 2A
Ø0.5625 +0.0000 -0.0005
Ø0.75
Ø0.875
Ø2.00
Ø0.925
Ø1.250
Ø0.625 +0.000 -0.001
Ø0.500
Ø0.188 ▼ 0.375
Ø 0.250 X 120°
0.098
0.197
0.0005 A
0.0005 A
2.235
0.630
32
NOTES:
1. REMOVE ALL BURRS AND SHARP EDGES WITH A MAXIMUM .005 RADIUS.
2. MATERIAL: 440 STAINLESS STEEL.
0.125
0.0625 ± 0.0050
0.070 ± 0.005
(0.211)
15°
SECTION A-A
R0.125 ± 0.010
0.03 X 45° CHAMFER
R0.313
0.01 x 45° CHAMFER TYP 3 PLCS
0.079 ± 0.010
Ø0.250 ▼ 0.500
Ø 0.375 X 90°
Ø0.188 ▼ 0.375
Ø 0.250 X 120°
0.054
0.04
0.030 X 45° CHAMFER
0.06
SECTION B-B
S. Spivey
shaft3 004525EG



SIERRA COLLEGE CAREER & TECHNICAL EDUCATION

Fashion Industries

AS Degree / 2 Certificates / 2 Skills Certificates

Typical Positions	Salaries
Custom Tailor	$37,050
Buyer	$70,764
Personal Stylist	$46,000
Fashion Merchandiser	$64,466
Fashion Social Media	$49,611

- Buyer
- Display Designer
- Social Media Content
- Sales
- Stylist
- Retail
- Alterations









SIERRA COLLEGE CAREER & TECHNICAL EDUCATION

Fire Science

Fire Technology AS/Certificate; Fire Academy Certificate;
Fire Company Officer AS/Certificate.

Typical Positions	Salaries
Firefighter Paramedic	$100,799
CDF Firefighter	$55,000
City Firefighter	$68,497
Station Chief	$105,0370
Arson Investigator	$89,847

- 77 courses available
- Fire Academy – 3 per year
- Fire Officer courses
- Continuing Ed units for those in the field




REGIONAL FI
ACADEM





Geographic Information Systems

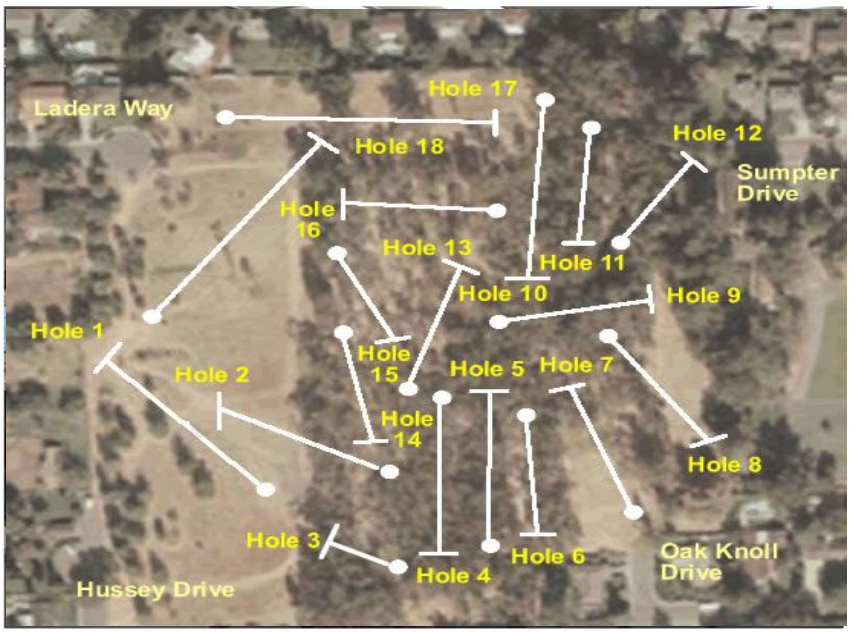
Jobs that combine GPS, Database Management, Computer Aided Drafting, Cartography and/or Graphic Design

Typical Positions	Salaries
GIS Specialist	$74,802
Licensed Surveyor	$108,375
Cartographer	$103,596
Urban and Regional Planner	$95,660

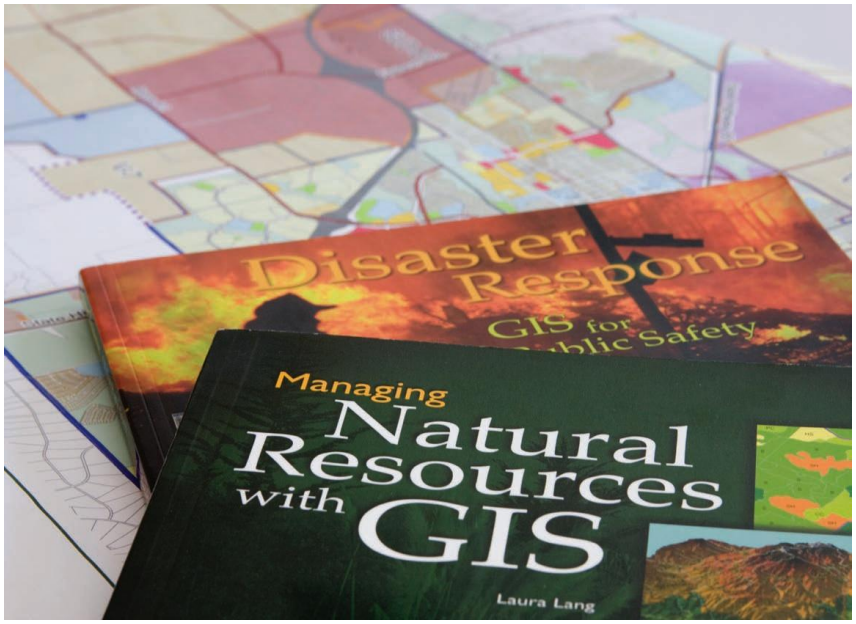
Applied to:

- Public entities
- Utilities
- Marketing
- Demographics
- Business forecasting
- Urban planning


Wise Rd
Route 193
V-1
Sierra College


Ladera Way
Hole 17
Hole 18
Hole 12
Sumpter Drive
Hole 16
Hole 13
Hole 11
Hole 10
Hole 9
Hole 1
Hole 15
Hole 2
Hole 5
Hole 7
Hole 14
Hole 8
Hole 3
Hole 4
Hole 6
Oak Knoll Drive
Hussey Drive



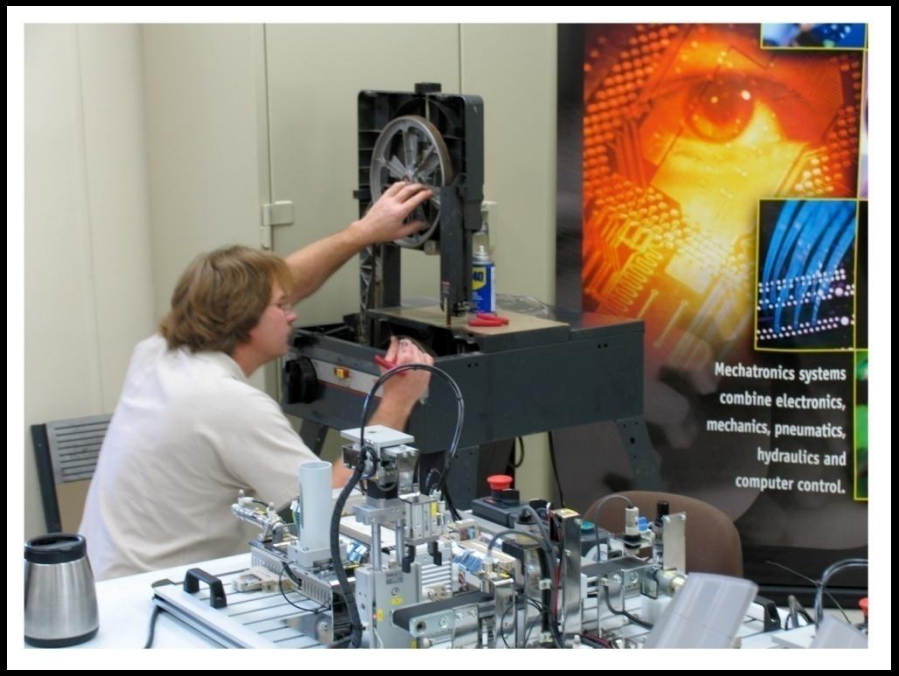

Disaster Response
GIS for
Managing
Natural Resources with GIS
Laura Lang

Mechatronics

Any job that combines computers, mechanics and electronics (pneumatics too)

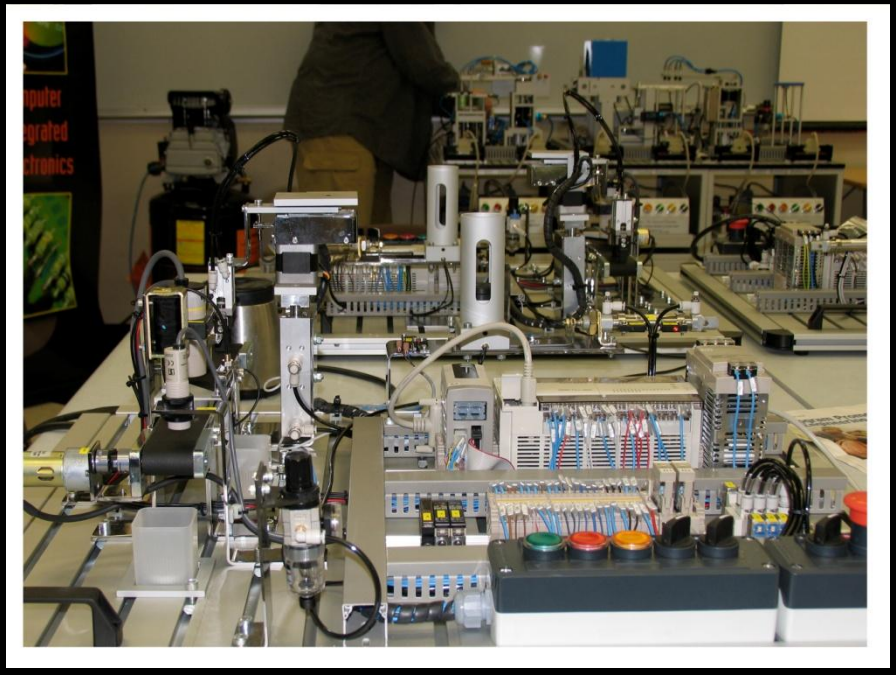
Typical Positions	Salaries
Mechatronics Technician	$71,140
Casino Slot Technician	$46,400
Electrical & electronic engineering technician	$68,038
Robotics Tech	$65,080
Processing equipment operations supervisor	$77,000

- Gaming Machines
- Industrial robots
- Automated manufacturing
- ATMs
- Medical Monitors
- Security Systems
- Traffic Lights/control
- Gym Equipment


Mechatronics systems
combine electronics,
mechanics, pneumatics,
hydraulics and
computer control.




ATM
WELCOME



Nursing

Nursing Assistant (CNA) LVN "Step Up" Registered Nurse (RN)

Typical Positions	Salaries
Nursing Assistant	$47,795
LVN	$75,900
RN	$86,600

- 99% passing rate on state RN licensing exam
- ENGL 1A grade as important as BIOL grades
- Impacted program; driven by retirements and changing industry nurse/patient ratios


SIERRA COLLEGE
NURSING PROGRAM


Sierra College
Nursing
Stacey Latimer
Student RN




ROSEVILLE GATEWAY
MAIN ENTRANCE

SIERRA COLLEGE CAREER & TECHNICAL EDUCATION

Fitness Trainer

19-unit certificate

This certificate prepares students for entry-level positions in health clubs and recreation centers; and preparation for ACE Personal Trainer certification exam.

Typical Positions	Salaries
Health Club Assistant	$56,160
ACE Personal Trainer	$52,537
Group Fitness Instructor	$54, 086

- Corporate Fitness
- Recreation programs
- Gym Management
- Personal Trainer
- Group Fitness
- Wellness programming


TRUE







Photography

AA/AS; 2 Certificates; 8 Skills Certificates

Typical Positions	Salaries
Staff Photographer (magazine)	$42,926
Wedding Photographer	$81,700
Studio Owner	$109,230

- Alternative Processes
- Color Photography
- Digital Imaging
- Fine Art
- Landscape Photography
- Narrative Photography
- Photographic Processes
- Portrait, Fashion & Wedding Photography

Technical Theater

AA-T/AA Degree in Theater Arts

CTE Certificates: Stagecraft and Costuming:

Typical Positions	Salaries
Lighting Technician	$61,119
Costume Designer	$76,679
Make-up Artist	$59,602
Scene Designer	$54,400
Props Master	$75,293

Roles include:

- Set Construction
- Set Design
- Lighting
- Costuming
- Makeup
- Scenic Painting









SIERRA COLLEGE CAREER & TECHNICAL EDUCATION

Welding Technology

Typical Positions	Salaries
Structural Iron & Steel Worker	$56,902
Sheet Metal Worker	$57,086
Metal Sculptor	$26,400
Boilermaker	$71,175
Metal Fabrication Welder	$45,284

Training in:

- Fabrication
- Wire Feed (GMAW/MIG) including stainless
- Gas Tungsten (GTAW/TIG)
- Shielded Metal Arc (SMAW) w/certification
- Metallurgy


DANGER
FOUNDRY
LIFEGUARD







College Financial Aid

All Types of financial aid students must file a Free Application for Federal Student Aid (FAFSA) by March 2nd

Students must reapply every year

Work Study: Financial assistance earned by a student through employment

Grants: Financial Aid that does not have to be paid back

Loans: Money loaned to students. Repayment begins after the student graduates

BOG Fee Waiver: Unit fees are paid by community college system (semester fees still apply)

SIERRA COLLEGE CAREER & TECHNICAL EDUCATION

Student Accessibility Services

Services and Accommodation for Students With Verified Disabilities

- Priority Registration
- Disability Counseling
- Test Taking Facilitation
- Vocational Counseling
- Assistive Technology
- Class & Assessment Accommodation

Please call SAS for more information 916-660-7460

Residence Halls

The Sierra College Rocklin Campus, is one of the few community colleges in California that offers the unique experience of Residence Hall community living

Semester fees = $4000

Full-time (12+ units) attendance, 2.0 GPA, deposit, internet/cable not included

Our facilities include:

- One co-ed residence hall
- All rooms are suite-style, double occupancy

