



AMERICAN RIVER COLLEGE

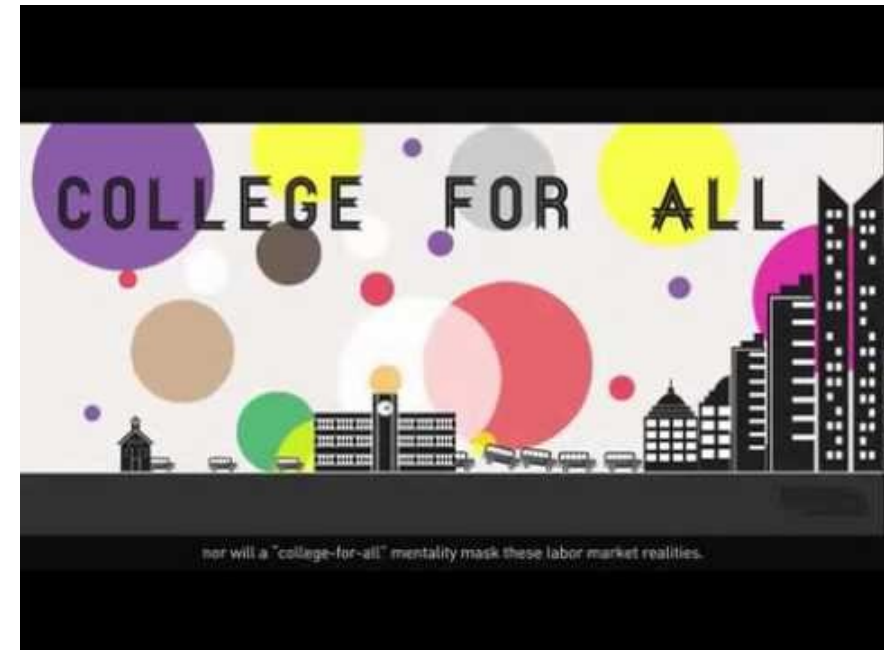
CAREER PATHS-Here to Career

SUCCESS IN THE NEW ECONOMY

Insufficient Degree



Counselor Resource



Click twice on middle of either picture to bring up arrow. Click on arrow for video.

DON'T KNOW WHICH PATH TO CHOOSE?

www.cacareercafe.com/start



www.careerzone.org/assessments



15 CAREER PATHWAYS



Agriculture & Natural Resources



Arts, Media & Entertainment



Building Trades & Construction



Education, Children & Family Services



Energy & Utilities



Engineering & Design



Fashion & Interior Design



Finance & Business



Health Science & Medical Technology



Hospitality, Tourism & Recreation



Information Technology



Manufacturing & Product Development



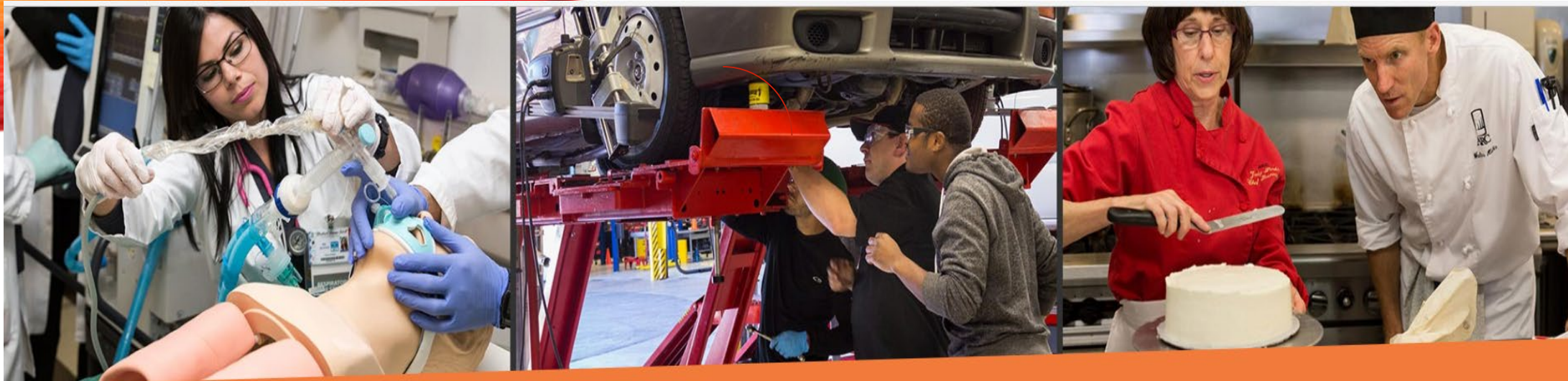
Marketing, Sales & Services



Public Services



Transportation



What is Career Technical Education?

Career Technical Education (CTE) is a term for educational programs that specialize in the skilled trades, applied arts and sciences, modern technologies, and career preparation.

- Industry-trained faculty and support staff
- Flexible classes to balance work-school-home schedule
- State-of-the-art facilities
- Curriculum designed to improve job skills and marketability
- Over 115 certificates in a wide variety of programs

Explore CTE Programs at ARC





AGRICULTURE & NATURAL RESOURCES

Environmental
Conservation

Natural Resources

Biotechnology

Natural Resources Department



- A.S. Degree:
- Environmental Conservation



- Focus in Conservation and Sustainability
- Plant Ecology
- Vertebrate Ecology
- Advances understanding of ecological systems & inter-relationships
- Pay scale: \$44,190 to 86,000 +

- Certificate:
- Environmental Conservation



- An increasing number of sectors require conservation knowledge and skills
- Management of plant and animal populations & habitats
- Sustainable resource use
- An enhanced understanding of the environment

AGRICULTURE & NATURAL RESOURCES



Agriculture

- Classes available in subject.
- Plant development
- Plants sold in October
- Pay scale: \$22,540 - ++

Landscape Design

- ❖ A. S. : Landscape Design Technology
- ❖ Certificate: Landscape Design Technology
- ❖ All Programs require work experience course.

Pay scale: \$43,000 – \$56,000

Horticulture

- A.S. Horticulture
- Certificate: Horticulture
- Certificate: Floristry
- Pay Scale:
- \$40,000 - \$51,000

BIOTECHNOLOGY



A.S. : BIOTECHNOLOGY



- Students will learn:
- Underlying principles of biotechnology
- Current applications in areas such as agriculture, medicine, forensics, and diagnostics.
- Pay scale: \$47,255 to \$59,603

CERTIFICATE: BIOTECHNOLOGY



- Prepares students for entry-level work in bioscience industry.
- Areas of research and development production:
- Clinical testing
- Diagnostic work



BUILDING TRADES & CONSTRUCTION

STRIPE/Pre Apprenticeship
Carpenter Apprenticeship
Plumber & Pipefitter
Apprenticeship
Sheet metal apprenticeship

Drywall & Lathing
Electrical
Ironworking

Welding Technology
Diesel Technology
Solar Energy Technology

STRIPE Pre-Apprenticeship Programs at ARC!

Infrastructure Pre-Apprenticeship/Green Tech Pre-Apprenticeship

- 1 semester course (8 units)
- Prepares students for an Apprentice position in the industry
- Plus 1 unit PE course
- Must be 18 years old



STRIPE Electrical Trainee Program

Commercial/Residential Electrician Trainee Certificate

- 2.5 year program (28.5 units)
- Prepares students for Electrician trainee state license exam & entering an apprenticeship
- Must be 18 years old
- Must have 1 year of high school algebra or college algebra





**Fiber Optics
Certificate
(3 classes)
\$40,499 – \$52,957**

**\$18 starting
pay w/
certificate**

Welding Technology

- **A.S. Welding Technology – 37 units plus general education**
- **2 Certificates and 3 departmental certificates**
- **Intro to Welding course available thru Advanced Ed**
- **Classes available in AM and PM**
- **Pay scale: \$39,390 +**

ENERGY & UTILITIES



Solar Energy Technology

- **Certificates:**
- Solar Energy Systems Design Estimation & Sales =
20 units -6 classes
- Solar energy Technology =
14 units -4 classes
- Pay scale: \$39,874 - \$50,419



Diesel Technology

- **Certificates:**
- Diesel Technology
- Clean Diesel Technology
- Preventative Maintenance
- **Degrees:**
- A.S. Diesel Technology
- Pay scale: \$45,170 ++



HEALTH SCIENCE AND MEDICAL TECHNOLOGY

**Dietary Manager
Fitness Specialist
Funeral Service**

**Funeral Service Education
Healthcare Interpreting
Human Lactation
Nursing & Allied Health**

**Paramedic
Respiratory Care
Speech Language Pathology**

FUNERAL SERVICE EDUCATION



- The program will prepare students for entry-level employment in the funeral service industry; provide a strong theory-based curriculum and related clinical experience reflective of the current industry standard; and maintain or exceed the standards put forth by the accrediting board.
- Meet the prerequisite for licensure and employment in the funeral service industry as funeral directors and embalmers
- Length: 2 year or 1 year program; 2 years apprenticeship
- Type of degree: A.S.
- Pay scale: \$20 - \$25/hr
- http://www.arc.losrios.edu/ARC_Majors/Health_And_Education/Funeral_Service.htm

RESPIRATORY CARE



- The Respiratory Care Program is designed to prepare California licensed respiratory care practitioner at the registered respiratory therapist level.
- It focuses on diagnostic procedures, treatment, and management of patients with conditions affecting the cardiopulmonary system. The respiratory care practitioner works closely with the physician.
- Length: 2 years
- A.S. Degree:
- Pay scale: starting \$65,000/year
- http://www.arc.losrios.edu/ARC_Majors/Health_And_Education/Respiratory_Care.htm

New Program

HEALTHCARE INTERPRETING

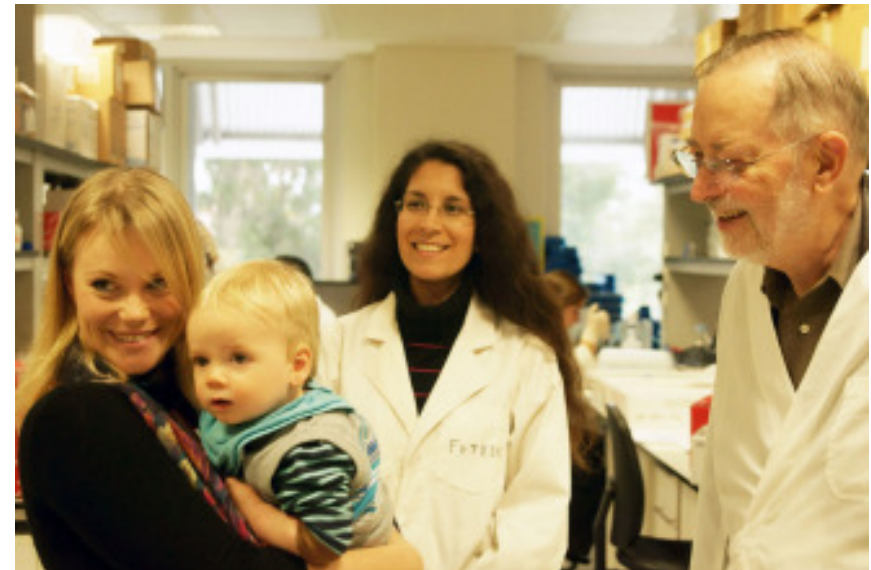
- **Certificate Requirements (22.5-28.5 Units)**
- Prepares bilingual individuals for effective language interpretation and cultural brokering in the healthcare setting.
- Transferable credit
- Interpreters work in schools, hospitals, courtrooms, and conference centers, plus companies & organizations.
- 2016 Median pay: \$46,120 per year



New Program

HUMAN LACTATION

- **Focuses on the physiology of attachment, bonding, and breastfeeding and the short- and long-term impacts of perinatal care practices on the mother-baby dyad**
- **Prerequisites: None, except Nutri 322 or Nutri 321 for Lactation educator/counselor certificate**
- **Length – depends on certificate**
- **Certificate programs: Baby-friendly hospital staff, Lactation consultant assistant, Lactation educator/counselor**
- **Pay scale:**
 - **Lactation consultant assistant \$20,000 - \$50,000**
 - **Lactation educator/counselor \$40,000 - \$70,000+**



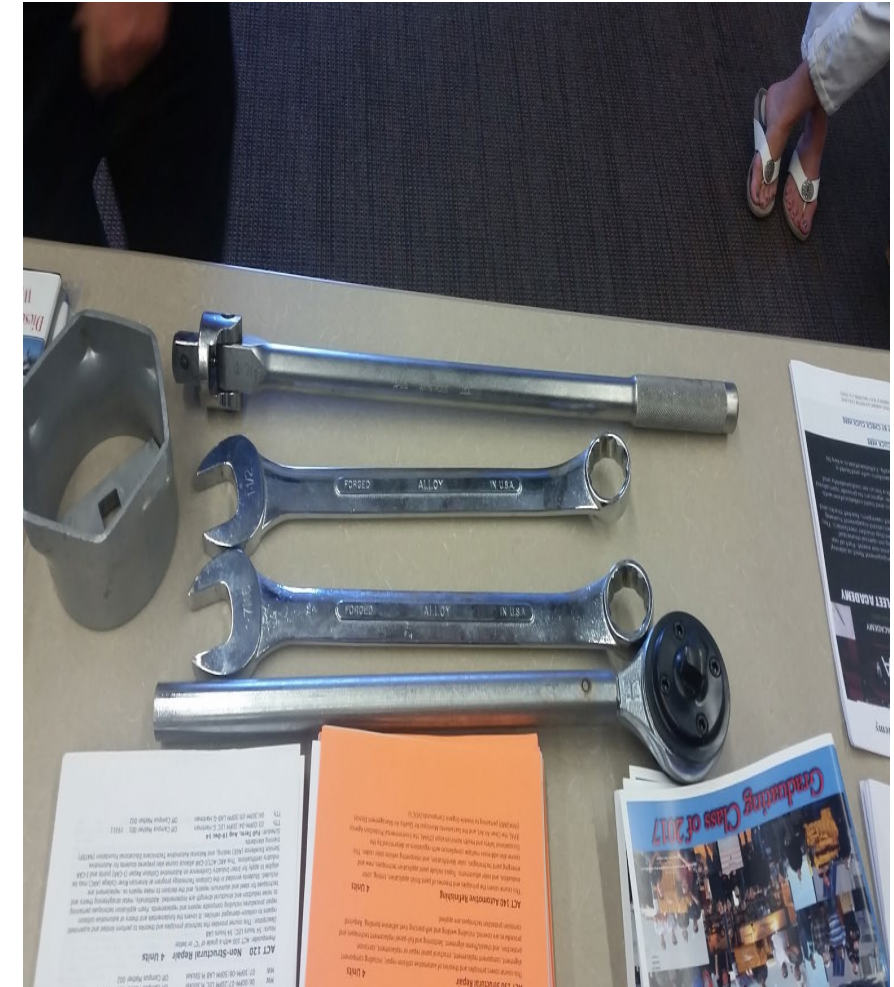
TRANSPORTATION



Auto Collision Technology
Automotive Technology
Diesel Technology

AUTOMOTIVE TECHNOLOGY

Diesel, Collision, and Automotive Technology



Certificates and Degrees available in:

Auto Collision TechnologyAutomotive Technology***Diesel Technology***

PUBLIC SAFETY

A.S. Degrees: Administration of Justice

Certificates: Fire Technology, Firefighter Recruit Academy

A.A.Degree: Fire Technology

Certificates: Emergency Medical Technician, Paramedic

A.A.Degree: Paramedic





CAREER OPPORTUNITIES

- Police Officer
- Deputy Sheriff
- Crime Scene Investigator
- Corrections Officer
- Juvenile Corrections Officer
- Parole Officer
- Probation Officer
- Security Guard



- <https://cte.arc.losrios.edu/cteprograms/public-services>

ADMINISTRATION OF JUSTICE



- This degree covers the prevention, discovery, control and treatment of crimes, criminals, and criminality.
- Police Officer: \$72,098.00-\$87,633 plus additional 5%'s incentive pay for certificates and degrees.
- Corrections Officer: \$40K-83K
- Security Guard: \$30K
- Parole Officer: \$55K
- Certificate: Homeland Security
- http://www.arc.losrios.edu/ARC_Majors/Public_Safety/Law_Enforcement_Course_Flyers.htm

FIRE TECHNOLOGY



Certificates: Fire Technology, Firefighter Recruit Academy

A.A. Degree: Fire Technology

Pay Scale:

- Fire Technology: \$44,000-\$60,000
- Firefighter Academy: \$46,000-\$87,000

- http://www.arc.losrios.edu/ARC_Majors/Public_Safety/Fire_Technology.htm

PARAMEDIC

CERTIFICATES: EMERGENCY MEDICAL TECHNICIAN, PARAMEDIC
A.S. DEGREE: PARAMEDIC

Pay Scale:

EMT: \$14 - 20 hour

Paramedic: \$54,000 - \$76,000 with degree up to \$140K

http://www.arc.losrios.edu/ARC_Majors/Health_And_Education/Paramedic.htm



SUPPORT FOR STUDENT SUCCESS

- **TRIO Journey:**
 - Federally funded program **to assist first generation, low-income students** through academic advising, financial aid information, transfer information, tutoring, cultural and educational field trips in preparation for successful graduation and/or transfer to a four-year college or university.
- **Unite:**
 - to promote a better understanding and awareness of the everyday student experience through collaborative partnerships across the campus community.
- **Puente**
 - For educationally **under-represented students** who enroll in four-year colleges and universities, earn degrees, **and return to their communities as leaders and mentors to future generations.**
- **Umoja**
 - Designed **to increase the retention and success rate** as well as the graduation and transfer rates of **African ancestry students.**

DEPUTY SECTOR NAVIGATORS

Liaison between industry leaders and education/CTE:

- **Small Business** – Salsa business (Grant H.S.)/connection to other small businesses.
- **Information Communication Technology** – Cyber hacking lab/short program to career.
- **Agriculture** – Variety of programs, Vet science, farm science and more.
- **Advanced Manufacturing** – Product development and design, can lead to materials engineering. Ideal student: computer savvy and curiosity of how things work.
- **Global Logistics** – International Business and Global market.
- **Allied Health** – Connection to Health Careers and training at ARC

RESOURCES/TOOLS

Resource

- [Bootcamp- Summer ramp up Math](#)
- [Trio S.T.E.M.](#)
- [Unite](#)
- [Puente](#)
- [Umoja](#)

Tools for Counselors

- [Get Focused Stay Focused](#)
- [Here To Career](#)
- [CTE Website:](#)
www.arc.losrios.edu/cte
- Articulation
- Dual Enrollment
- Advanced Ed.
- salarysurfer.cccco.edu



TWIN RIVERS UNIFIED SCHOOL DISTRICT

Grant H.S.

Diep Doan

ETS- Highlands/Foothill

Latoya Hervey

Highlands H.S.

Pattie Lee

Rio Linda H.S.

Stella Lopez

Keema H.S.

Maria Elena Gallegos

TRUSD Foster Youth Services

Ana Broadbent

MLK Jr. H.S.

Tina Lehman

QUESTIONS
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