



Dual Enrollment & Career Guide

Los Rios Community College District

In collaboration with the Sacramento County Office of Education.



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Welcome to the Los Rios Community College District's Dual Enrollment Flipbook for middle and high school students in Sacramento County!

What is Dual Enrollment?

Dual Enrollment lets you take college classes while you're still in high school—or even middle school (as long as you're at least 14 years old by the first day of class). The best part? You can earn college credits that count toward a certificate or degree, and those credits go on your official college transcript. This means you get a head start on college—for little or no cost.

The Los Rios Community College District has four colleges in the Sacramento area: American River College, Cosumnes River College, Folsom Lake College, and Sacramento City College. All these colleges offer Dual Enrollment options for high school students, including:

- Regular Dual Enrollment classes that are college classes you take while in high school. These classes are usually taken on a college campus, at a college center, or online, and you'll apply and register on your own. You can earn credits that count towards high school and college, giving you a head start on your future college goals.
- College & Career Access Pathway (CCAP) courses are a type of Dual Enrollment. This means that you're taking college classes while still in high school and earning both high school and college credit. CCAP classes are usually taught at your school or online, are free for students, and are part of a partnership between your school and a community college.
- Early & Middle College High Schools are special programs that let you take college classes while earning your high school diploma, usually right on a college campus. You can earn your high school diploma, get college credits, and even complete an associate degree all at the same time!

With Dual Enrollment, you can save time, save money, and get ahead on your college and career goals!

Comparing Community College Dual Enrollment Options

Regular Dual Enrollment	CCAP Courses	Early & Middle College High Schools
<ul style="list-style-type: none"> • Take college classes on campus or online • Usually free for high school students • Earn high school + college credit • Apply and register on your own 	<ul style="list-style-type: none"> • College classes offered at your high school (or online) • Free for students • Earn high school + college credit • Organized by your school and community college 	<ul style="list-style-type: none"> • Go to high school on a college campus • Take college and high school classes together • Earn your HS diploma and college credits — even an associate degree! • Designed to help you experience college early

Community College Key

- ARC - American River College
- CRC - Cosumnes River College
- FLC - Folsom Lake College
- SCC - Sacramento City College



How to Become a Dual Enrollment Student

1. Apply to a Los Rios College

First, create an OpenCCC account using your personal email (or log in if you already have one). Then, fill out the online application for the Los Rios college you want to attend. When asked, choose “I’m enrolling in high school and college at the same time” - that’s how you let the college know you’re a Dual Enrollment student! Click on the links below to start your application or watch a quick how-to video for help.

Continuing/Current Students

If you are already a current Dual Enrollment student, you don’t need to fill out the full CCCApply application again. Instead, each semester you’ll just complete a Supplemental Enrollment Form in [eServices](#) (click on the Tasks tile). This form asks you to review and update your contact information, education goal, and major, so your record stays up to date.

Need More Information? Visit the Colleges Admissions Webpages: [ARC](#) | [CRC](#) | [FLC](#) | [SCC](#)

Additional Information

If you submit your application without a Social Security Number (SSN), be sure to contact the Admissions Office at the college you applied to. This will help speed up the processing of your application. You can email each of the colleges by clicking the links. [ARC](#) | [CRC](#) | [FLC](#) | [SCC](#)

2. Set Up eServices and Los Rios Gmail

eServices is Los Rios’ online student portal where students manage their information, records, classes, and more. After your application is processed, you will receive an email with your Los Rios student ID number (also known as a “W” number or “wID”). This is a seven-digit number preceded by a “W”; for example, W0000001. You will use your Los Rios ID and password to log in to multiple services, including [Canvas](#), [eServices](#), [Los Rios Gmail](#), and accessing instructional lab computers.

Need Help? Watch a Tutorial Video: [Logging in to eServices](#)

Need help with your ID number and password?

[Student ID Lookup](#) | [Create Password](#) | [Technology Resources](#)

3. Meet With a High School or Adult School Official

You can start your Dual Enrollment application anytime, but be sure to meet with your school counselor before filling out the Special Admit form in Step 4. Let your counselor know ahead of time that you’ve applied for Dual Enrollment at the community college – that way, they’ll be ready to review and approve your form when it’s sent to them in Step 4. Your counselor can also help you choose the right classes if you need guidance.

Get Help Picking Classes: [Cal-GETC and GE Guidance](#)

4. Submit Special Admit Form

[Complete this form](#) to request special admission for dual enrollment so you can take college courses while you’re still in middle or high school.

You will need the following to complete this form:

- Your parent’s or guardian’s name, email address, and phone number
- Your school official’s name, email address, and phone number (school counselor, principal, etc.)

[Submit Special Admit Form](#)

5. Check Your Email for Confirmation and Enrollment Information

Once your school officially approves and submits your Special Admit Form, it may take up to 5 business days for the Admissions Office to process it.

After your Special Admit Form is approved, you will receive an email with instructions on how to enroll in your classes. As a Dual Enrollment student, you’ll be given, which means you can register for classes before many other students.

6. Enroll in Classes

You can [sign up for classes online in eServices](#) once your enrollment appointment window opens. Your enrollment appointment is the earliest date and time you’re allowed to register, and you can find it listed in your eServices account.

Dual Enrollment students can even take classes at more than one Los Rios college.

To get started, just log in to eServices and follow these steps:

- Click Manage Classes.
- Click Add Another College.
- Follow the instructions to add the college where you want to take classes for the selected term.

Helpful Links:

[Enroll in Classes](#)

[Priority Registration and Enrollment Dates](#)

[Search Class Schedules](#)

[Waitlist Information](#)

[Find Classes with Free Textbooks](#)

7. Pay Your Fees

After you enroll in classes, don’t forget to check and pay your fees. As a Dual Enrollment student, your tuition fees and Universal Transit Pass (UTP) fees are waived (you don’t have to pay them). However, you are still responsible for other fees, such as the student representation fee—though you can choose to [opt out](#) of that one.

To see how much you owe and make a payment, [log in to eServices](#). From your dashboard, click on Financial Account, then Account Balance.

Helpful Links:

[Pay Fees in eServices](#)

[Dual Enrollment FAQ](#)

[View the Steps for Dual Enrollment Online](#)

How to Navigate Career Education Certificate and Degree Maps

A Guide for High School Students, Instructors, and Counselors

This flipbook lists the different certificate and degree programs for each of the four Los Rios Community College's websites. When you click a link, you'll be taken to the main webpage for that program.

All program webpages include **Program Maps**, which you can find by scrolling down to the **"Program Maps" section** (FYI... these are called "Roadmaps" at American River College). A program map shows you **all the classes you'll need to take to earn a specific certificate or degree**. From there, just click on the program you want to explore and to see the details.

A.A./A.S. Degrees

[Accounting A.A. Degree \(Full Time\) Map](#)

[Accounting A.A. Degree \(Part Time\) Map](#)

Certificates

[Accounting Certificate \(Part Time\) Map](#)

If you don't see your program listed in this section, scroll back up to the top of the page. You'll find tabs labeled Overview, Degrees/Certificates, Courses, and Faculty. **Click on the Degrees/Certificates tab** to view the different program options..

Accounting

OVERVIEW

DEGREES/CERTIFICATES

COURSES

FACULTY



Then scroll through the webpage to see a complete list of programs available for the program area. When you see the certificate or degree program you are interested in, **click on + Certificate Requirements (or + Degree Requirements)** to see the complete list of classes you need to take for that degree or certificate.

Taxation Certificate

This certificate provides occupational training and education in the areas of individual and business income tax preparation and consulting. Courses in this program provide a background in individual, corporate, partnership, and estate taxes.

Catalog Date: August 1, 2025

+ Certificate Requirements

When looking at the Certificate Road Map, **pay attention to the following notes:**

- **Prerequisite:** A prerequisite is a class you must complete before taking another class to show you're ready for it. For example, to take ENGWR 301, you first need to pass ENGL C1000 (formerly ENGWR 300) with a grade of "C" or better.
- **Corequisite:** A corequisite is a class you are required to take at the same time as another class, or before it. For example, if you sign up for GEOL 301 (Physical Geology Laboratory), you also need to take GEOL 300 (Physical Geology) either during the same semester or before GEOL 301.
- **Advisory:** An advisory is a recommendation for a class or skill you should have before or while taking another course. It's not required, but it's suggested to help you be more successful in the class.

Read through the entire Program Map including scheduling notes, advising notes, and career options. Make sure to confirm with your academic counselor the courses you would like to take and when.

Need Help? Watch a Tutorial Video:

[Discover Los Rios Programs and Majors](#)

Helpful Link:

[Los Rios Career Education Program Offerings](#)

Use the **PathwayU Assessment** to discover how your interests, values, personality, and work-place preferences connect to career fields and college programs:

[PathwayU Career Exploration for Prospective Students.](#)

Explore Career Education Pathways and Programs

Click on the California Career Technical Education (CTE) Sector to explore how you can go from a middle or high school CTE program to a college career education program in the Los Rios Community College District.

Sector	Abbreviation
	ANR
	AME
	BCT
	BF
	ECD
	EEU
	EA
	FID
	HSMT
	HTR
	ICT
	MPD
	MSS
	PS
	Transport

Labor Market Information (LMI) Glossary

The Labor Market Information (LMI) Glossary helps students, families, and school staff understand key terms about jobs, skills, and careers. It's an easy-to-use guide that shows how Career and Technical Education (CTE) pathways connect classroom learning to real-world opportunities. By learning these words, everyone can explore which careers are growing, what skills are in demand, and how CTE pathways can lead to exciting and rewarding occupations.

LMI Term	Definition
Occupation	An occupation is a group of jobs that involve doing similar work and using similar skills. For example, if people do the same kind of tasks, they are part of the same occupation—even if they work for different types of businesses. Some occupations are mostly found in just a few industries, while others can be found in many different ones.
Jobs	A job is a specific position where someone works and gets paid. It can be full-time or part-time—both count the same. Jobs can be for people who work for a company or for themselves. When jobs are counted in labor market data, the numbers usually show the average for the whole year.
Job Change	Job change shows if the total number of jobs is increasing or decreasing over a certain period of time.
Job Opening	Job openings show how many positions are expected to be available in the future for people starting a career in that occupation.
Median Hourly Earnings	Median hourly earnings show what a “typical” worker earns per hour in a job. If you lined up all the workers' wages from lowest to highest, the median is the amount right in the middle. That means half of the workers earn less than that amount, and half earn more. It helps you understand what most people in that career usually make per hour.
Median Annual Salary	Median annual salary is the middle amount of money people earn in a year. If you lined up all the yearly salaries from lowest to highest, the median would be the one right in the center. This means half of the workers make less than that amount, and half make more. It helps show what most people in a job usually earn each year.
Bright Outlook Occupation	These occupations have jobs that are growing fast, have many openings, or are in new and exciting fields. A “bright outlook” means the career has a strong future and good chances for students who want to work in that area.



Agriculture and Natural Resources

The Agriculture and Natural Resources sector gives students across California a strong foundation in agriculture while connecting what they learn in class to real-world careers. Students explore academic subjects along with technical skills, building career awareness and hands-on experience in seven exciting pathways: Agricultural Business, Agricultural Mechanics, Agriscience, Animal Science, Forestry and Natural Resources, Ornamental Horticulture, and Plant and Soil Science.

Through a mix of classroom learning, lab activities, supervised agricultural projects, and leadership opportunities, students gain the knowledge and confidence they need for the future. Whether their next step is more training, college, or starting a career, this sector prepares them with valuable skills and experiences that can open many doors in agriculture and natural resources.

Career Pathway	HS Programs	American River	Cosumnes River	Folsom Lake	Sacramento City
Agriculture Business	N/A		Agriculture Business 📖 🎓	Small Winery Marketing 📖	
Agriculture Mechanics	Delta HS Elk Grove HS Florin HS Galt HS Liberty Ranch HS Rio Linda HS Rio Vista HS		Mechanized Agriculture Technician 📖		
Agriscience	Casa Roble Fundamental HS Cordova HS Delta HS Elk Grove HS Florin HS Galt HS Liberty Ranch HS Pleasant Grove HS Rio Linda HS Rio Vista HS Sheldon HS		General Agriculture 📖 🎓	Viticulture and Enology 🎓	Food Science and Technology 🎓
Animal Science	Cordova HS Elk Grove HS Florin HS Pleasant Grove HS SAVA EG		Equine Science 🎓 Veterinary Technology 📖 🎓		
Forestry and Natural Resources	Cordova HS Grant Union HS	Environmental Conservation 📖 🎓			
Ornamental Horticulture	Casa Roble Fundamental HS Cordova HS Elk Grove HS Florin HS Galt HS Liberty Ranch HS Palmiter Special Ed. Pleasant Grove HS Rio Linda HS	Floristry 📖 Horticulture 📖 🎓 Landscape Design Technology 📖 🎓 Sustainable Landscaping 📖	Horticulture 📖 Sustainable Irrigation and Water Management Technology 📖 Sustainable Landscape Technology 📖 🎓 Sustainable Landscape Design 📖		
Plant and Soil Science	Luther Burbank HS SAVA EG	Plant Production 📖			

📖 Certificate

🎓 Associate Degree

Career Opportunities in Agriculture and Natural Resources

The careers listed below connect directly to programs offered at Los Rios Community Colleges—helping you turn what you learn in class into real career opportunities in Greater Sacramento.



Career Pathway	Community College Occupations	Bright Outlook
Agricultural Business	Farmers, Ranchers, and Other Agricultural Managers	
	Agricultural Technicians	*
Agricultural Mechanics	Farm Equipment Mechanics and Service Technicians	*
Animal Science	Veterinary Technologists and Technicians	*
	Animal Trainers	*
Ornamental Horticulture	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	
	Pesticide Handlers, Sprayers, and Applicators, Vegetation	
Forestry and Natural Resources	Forest and Conservation Technicians	

The careers below usually require a bachelor's degree, but you don't have to start at a university right away. Los Rios Community Colleges give you a strong foundation—and the chance to transfer to a four-year university to keep moving toward your career goals in Greater Sacramento.

Career Pathway	Bachelor Degree Occupations	Bright Outlook
Agricultural Business	Buyers and Purchasing Agents (of Farm Products)	*
Forestry and Natural Resources	Conservation Scientists	*
	Foresters	

2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
2,426	3%	280	\$17.97	\$37,388
488	2%	72	\$28.40	\$59,075
256	1%	23	\$24.22	\$50,383
1,114	12%	139	\$27.59	\$57,392
317	3%	49	\$19.15	\$39,827
1,598	6%	190	\$28.14	\$58,527
196	9%	32	\$22.69	\$47,195
872	4%	118	\$29.40	\$61,152

2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
2,556	7%	287	\$37.19	\$77,365
249	12%	29	\$39.07	\$81,265
155	9%	17	\$45.97	\$95,621

Source: Lightcast 2025.3 | Legend: Bright Outlook Occupation *



Arts, Media, and Entertainment

The Arts, Media, and Entertainment sector is all about creativity, teamwork, and communication. Students in this field get to work on exciting projects that combine artistic talent with technical skills—and because technology is always changing, the careers in this industry are constantly growing and evolving.

There are four main career pathways students can explore:

- Design, Visual, and Media Arts
- Production and Managerial Arts
- Performing Arts
- Game Design and Integration

Each pathway gives students the chance to build real-world skills and experience that can lead to college, advanced training, apprenticeships, or even jumping right into a career. Along the way, students develop as creative thinkers and team players, while learning how to make a positive impact through art, music, performance, sound, and media.

Design, Visual, and Media Arts

Career Pathway	HS Programs	American River	Cosumnes River	Folsom Lake	Sacramento City
Design	Center HS Cosumnes Oaks HS Creative Connections Art Academy Elk Grove HS Foothill HS Franklin HS Grant Union HS Highlands HS Hiram Johnson HS Laguna Creek HS Natomas HS Rio Vista HS SAVA EG Valley HS Walnut HS	Art New Media (ARTNM) 📖 🎓 Graphic Design 📖	Web Developer 🎓 Web Publishing 📖		Design and Digital Media 📖 🎓 Graphic Design 📖 User Interface and Web Design 📖
Animation	Center HS Del Campo HS Foothill HS Franklin HS Monterey Trail HS Walnut HS	3D Modeling and Texturing 📖 3D Rigging Technical Director 📖 3D Technical Director 📖 Animation 📖			3D Animation and Modeling 📖
Studio Arts	N/A	Freelance Photography 📖	Photography 📖 🎓		Photography 📖 🎓
Digital Communications	Cosumnes Oaks HS	Internet Marketing 📖	Broadcast Journalism 🎓		Journalism 🎓 Multimedia News
(Media Arts)	Florin HS Monterey Trail HS Pleasant Grove HS	Journalism and Mass Communications 🎓 Technical Communications 📖	Digital Media 📖 🎓 Journalism 🎓		Specialist 📖 Visual Journalism 📖



Certificate



Associate Degree



Production and Managerial Arts

Career Pathway	HS Programs	American River	Cosumnes River	Folsom Lake	Sacramento City
Stage & Event Technology	Del Campo HS El Camino Fundamental HS Grant Union HS Inderkum HS Luther Burbank HS Natomas HS New Technology HS Rosemont HS	Theatre Arts: Technical Production 🎓		Technical Theater Production 📋	Theatre Arts: Technical Production 🎓
Film & Television Production	Cordova HS Franklin HS Meraki HS Rio Cazedro Cont. HS Rio Linda HS Walnut HS		Film, Television and Electronic Media 🎓 Film and Digital Cinema Production 🎓 Radio Production 📋🎓 Television Production 📋🎓		Film Production 📋
Digital Communications (Audio/Visual)	San Juan HS	Commercial Music: Business 📋🎓 Digital Audio Production Music Management and Promotion		Live Sound Technician 📋	Audio Production 📋🎓 Music Business Management 📋🎓
Game Design and Integration	Highlands High				Game Design 📋

Performing Arts

Career Pathway	HS Programs	American River	Cosumnes River	Folsom Lake	Sacramento City
Dance	N/A				
Music & Recording Arts	N/A	Commercial Music: Recording 📋🎓	Entrepreneurial Arts: Music 📋	Multimedia Music Composition 📋 Music Entrepreneurship 📋 Music Performance 📋 World Music 📋	Music Performance 📋🎓 Songwriting/Arranging 📋🎓
Theatre	Center HS El Camino Fundamental HS Mesa Verde HS	Costuming 📋			

📋 Certificate

🎓 Associate Degree

Career Opportunities in Arts, Media, and Entertainment

The careers listed below connect directly to programs offered at Los Rios Community Colleges—helping you turn what you learn in class into real career opportunities in Greater Sacramento.

Career Pathway	Community College Occupations	Bright Outlook
Design, Visual, and Media Arts	Photographers	
	Audio and Video Technicians	
	Broadcast Technicians	
	Lighting Technicians	
Performing Arts	Musicians and Singers	
	Sound Engineering Technicians	

The careers below usually require a bachelor's degree, but you don't have to start at a university right away. Los Rios Community Colleges give you a strong foundation—and the chance to transfer to a four-year university to keep moving toward your career goals in Greater Sacramento.

Career Pathway	Bachelor Degree Occupations	Bright Outlook
Design, Visual, and Media Arts	Graphic Designers	
	News Analysts, Reporters, and Journalists	
	Broadcast Announcers and Radio Disc Jockeys	
Game Design and Integration	Web and Digital Interface Designers	*
	Special Effects Artists and Animators	
Performing Arts	Set and Exhibit Designers	
Production and Managerial Arts	Producers and Directors	*
	Technical Writers	
	Film and Video Editors	
	Camera Operators, Television, Video, and Film	

Source: Lightcast 2025.3 | Legend: Bright Outlook Occupation *



2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
1,146	2%	109	\$25.23	\$52,487
383	9%	41	\$26.32	\$54,750
146	3%	14	\$31.22	\$64,946
78	7%	8	\$24.90	\$51,790
1,163	7%	159	\$27.75	\$57,713
106	15%	13	\$29.56	\$61,488

2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
1,736	3%	144	\$33.62	\$69,931
320	-11%	30	\$34.35	\$71,448
129	-3%	16	\$31.30	\$65,106
757	2%	54	\$43.30	\$90,059
207	9%	22	\$25.26	\$52,538
178	3%	15	\$24.50	\$50,966
947	9%	88	\$37.61	\$78,237
262	3%	22	\$39.01	\$81,146
254	11%	26	\$30.66	\$63,774
196	12%	211	\$28.64	\$59,578



Building and Construction Trades

The Building and Construction Trades sector introduces students to the world of construction and skilled trades in California. These programs combine academic learning with technical training, giving students the chance to explore careers, build skills, and prepare for future opportunities in construction.

Students can choose from four career pathways:

- Cabinetry, Millwork, and Woodworking
- Engineering and Heavy Construction
- Mechanical Systems Installation and Repair
- Residential and Commercial Construction

Each pathway focuses on how things are planned, designed, and built, with lots of hands-on, project-based, and work-based learning. By following these pathways, students gain real-world experience and a strong foundation that can lead to college, apprenticeships, or careers in the building and construction industry.

Source: Lightcast 2025.3 | Legend: Bright Outlook Occupation *

Career Pathway	HS Programs	American River	Cosumnes River	Folsom Lake	Sacramento City
Cabinetry, Millwork, and Woodworking	Casa Roble Fundamental HS Delta HS Rio Vista HS	Mill and Cabinet Maker 📄 🎓			
Engineering and Heavy Construction	N/A	Ironworker 📄 🎓 Millwright 📄 🎓 Pile Driver 📄 🎓 Welding Metallurgy and Inspection 📄 Welding Technology 📄 🎓	Welding Technology 📄 🎓		
Mechanical Systems Installation and Repair	Center HS Cordova HS Daylor (William) Cont. S Del Campo HS El Centro Elinor Lincoln Hickey JR/HS Encina HS Foothill HS Luther Burbank HS Natomas HS San Juan HS SAVA EG Sheldon HS	Plumbers/Pipefitters 📄 🎓 Refrigeration Service Technician 📄 🎓 Sheet Metal 📄 🎓 Sheet Metal Service Technician 📄 🎓			Mechanical Systems Technician 📄 Mechanical-Electrical Technology 📄 🎓
Residential and Commercial Construction	Calvine HS Rosemont HS	Acoustical Installer 📄 🎓 Carpenter 📄 🎓 Drywall/Lathing 📄 🎓 Electrical 📄 🎓	Building Inspection Technology 📄 🎓 Construction 📄 🎓 Construction Pre-Apprenticeship 📄		

		Hardwood Floor Layer  Insulator  Plumbers/Pipefitters   Residential/Commercial Electrician Trainee  Scaffold Erector   Shingler 	Construction Management Technology  		
Other Programs	N/A	Elevator Apprenticeship   Office Modular Systems 	Solar Installers 		

 Certificate

 Associate Degree

Building and Construction Trades Apprenticeships at American River College

At American River College (ARC), students can kickstart their careers through exciting apprenticeship programs built in partnership with local industries. An apprenticeship is a unique way to learn because it combines three things at once: a paid job, hands-on training, and classroom instruction. Most programs last anywhere from one to five years and are designed to help students build real skills while earning a paycheck. Even better, students can also earn college credits that count toward a certificate or associate degree at ARC.

These programs are made possible through collaboration between employers, the U.S. Department of Labor, the Division of Apprenticeship Standards, and ARC. To join, students must be officially registered as apprentices. If you want to learn more about how to get started, you can connect with the local trade union that sponsors the apprenticeship program or reach out directly to ARC's Dean of Technical Education Office for guidance.

Trade Union Training Center Contact	Apprenticeship Programs Offered
Carpenters Drywall Lathers Union 800 Chadbourne Rd, Suite A Fairfield, CA 95485 (707) 399-2880	Acoustical Installer Carpenter Drywall/Lathing Hardwood Floor Layer Insulator (Insulation Installer) Office Modular Systems Pile Driver Scaffold Erector
Electricians Union 2836 El Centro Rd. Sacramento, CA 95833 (916) 646-6688	Electrical
Elevator Constructors Union 690 Potrero Avenue San Francisco, CA 94110 (415) 285-2900	Elevator
Iron Workers Sacramento Union 3524 51st Ave Sacramento, CA 95823 (916) 428-7420	Ironworkers
Plumbers and Pipefitters Union 8750 Younger Creek Drive Sacramento, CA 95828 (916) 383-1102	Plumbers/Pipefitters Refrigeration Service Technician
Sheet Metal Union 3665 Bleckely Street Mather, CA 95655 (916) 922-9381	Sheet Metal Sheet Metal Service Technician
American River College Dean of Career Education 4700 College Oak Drive Sacramento, CA 95841 (916) 484 - 8588	Mill and Cabinet Maker Pre-Apprenticeship

Career Opportunities in Building and Construction Trades

The careers listed below connect directly to programs offered at Los Rios Community Colleges—helping you turn what you learn in class into real career opportunities in Greater Sacramento.



Career Pathway	Community College Occupations	Bright Outlook
Residential and Commercial Construction	Carpenters	
	First-Line Supervisors of Construction Trades and Extraction Workers	*
	Electricians	*
	Painters, Construction and Maintenance	
	Plumbers, Pipefitters, and Steamfitters	*
	Drywall and Ceiling Tile Installers	
	Construction and Building Inspectors	
	Solar Photovoltaic Installers	*
	Floor Layers, Except Carpet, Wood, and Hard Tiles	*
	Mechanical Systems Installation and Repair	Heating, Air Conditioning, and Refrigeration Mechanics and Installers
Sheet Metal Workers		

Apprenticeship Opportunity	2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
^	13,294	2%	1,106	\$34.75	\$72,288
	7,458	6%	695	\$45.76	\$95,187
^	7,458	6%	695	\$45.76	\$95,187
	4,439	5%	407	\$26.03	\$54,148
^	4,178	7%	423	\$30.03	\$62,468
^	2,912	3%	230	\$31.89	\$66,321
	1,283	4%	149	\$47.68	\$99,178
	877	33%	151	\$29.51	\$61,374
	653	4%	53	\$27.91	\$58,053
	3,736	8%	382	\$30.46	\$63,365
	719	6%	75	\$35.83	\$74,526

The careers below usually require a bachelor's degree, but you don't have to start at a university right away. Los Rios Community Colleges give you a strong foundation—and the chance to transfer to a four-year university to keep moving toward your career goals in Greater Sacramento.

Career Pathway	Bachelor Degree Occupations	Bright Outlook
Engineering and Heavy Construction	Project Management Specialists	*
Forestry and Natural Resources	Construction Managers	*

2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
7,111	6%	586	\$56.15	\$116,792
5,201	6%	472	\$50.71	\$105,475

Source: Lightcast 2025.3 | Legend: Bright Outlook Occupation *



Business and Finance

The Business and Finance sector prepares students with skills that are in high demand across almost every industry. Students begin by learning the basics of business principles and practices, then explore specialized areas like accounting, banking, investing, and international trade.

Pathways in this sector cover important topics such as computer applications, taxes, investments, asset management, and business management. These skills open the door to a wide range of careers—not only in business and finance, but also in nearly every type of organization, since all businesses need strong financial and management support.

By gaining this knowledge, students set themselves up for success in college, specialized training, or direct entry into careers where their business and financial skills are highly valued.

Business and Finance Apprenticeships at American River College

At American River College (ARC), students can launch their careers through exciting apprenticeship programs created with local industries. Apprenticeships are a great way to learn because they give you three benefits at once: a paid job, hands-on training, and college classes.

One example is the Financial Services Apprenticeship program. This program prepares students for careers like tax examiners, collectors, revenue agents, accountants, and auditors—important jobs that help manage money, taxes, and business finances. As an apprentice, you'll get real-world work experience while also completing specialized classroom instruction that meets official state standards.

By finishing the program, students not only gain valuable work experience but also earn credentials that open the door to long-term career success in the financial industry. If you're interested, you can reach out to ARC's Dean of Technical Education Office to learn how to get started.

Apprenticeship Program Contact	Apprenticeship Program Offered
American River College Business Department (916) 484-8361	Financial Services Apprenticeship 

Career Pathway	HS Programs	American River	Cosumnes River	Folsom Lake	Sacramento City		
Business Management	Franklin HS Mesa Verde	Administrative Professional  Business Administration 2.0  Business Information Professional  Conflict Management  Cross-Cultural Conflict Resolution  General Business  Leadership  Management  Office Assistant  Project Management  Retail Management 	Business Administration 2.0  Business Information Professional  General Business  Office Assistant Management  	Business Administration 2.0  Business Analyst  Business Analyst/Data Analytics  Business Information Technology  Business Information Professional  General Business  New World of Work  Project Management  Public Management/Civil Service 	Business Administration 2.0  Business Information Worker  General Business Management  		
		Financial Services	Grant Union HS	Accounting   Taxation 	Accounting   Taxation 	Accounting  	Accounting  Accounting Clerk  Bookkeeper 
				International Business N/A	Soft Skills for the Global Environment 		

Career Opportunities in Business and Finance

The careers listed below connect directly to programs offered at Los Rios Community Colleges—helping you turn what you learn in class into real career opportunities in Greater Sacramento.



Career Pathway	Community College Occupations	Bright Outlook
Business Management	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	*
	First-Line Supervisors of Office and Administrative Support Workers	*
	Executive Secretaries and Executive Administrative Assistants	
	Human Resources Assistants, Except Payroll and Timekeeping	
Financial Services	Bookkeeping, Accounting, and Auditing Clerks	
	Payroll and Timekeeping Clerks	
	Tax Preparers	

2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
11,597	5%	1,432	\$24.57	\$51,103
11,309	2%	1,119	\$35.61	\$74,067
3,859	5%	442	\$38.43	\$79,941
825	1%	94	\$26.97	\$56,100
10,759	1%	1,261	\$27.30	\$56,780
2,127	-6%	215	\$30.28	\$62,975
873	4%	110	\$26.86	\$55,868

The careers below usually require a bachelor's degree, but you don't have to start at a university right away. Los Rios Community Colleges give you a strong foundation—and the chance to transfer to a four-year university to keep moving toward your career goals in Greater Sacramento.

Career Pathway	Bachelor Degree Occupations	Bright Outlook
Business Management	Management Analysts	*
	General and Operations Managers	*
	Administrative Services Managers	*
	Sales Managers	*
	Facilities Managers	
Financial Services	Accountants and Auditors	*

2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
26,707	5%	2,438	\$39.56	\$82,278
19,749	7%	1,932	\$56.75	\$118,030
6,657	4%	598	\$46.27	\$96,251
5,849	1%	457	\$50.26	\$104,545
1,096	6%	107	\$49.31	\$102,564
14,894	4%	1,288	\$42.97	\$89,384

Source: Lightcast 2025.3 | Legend: Bright Outlook Occupation *



Education, Child Development, and Family Services

The Education, Child Development, and Family/Human Services sector prepares students for rewarding careers that focus on teaching, caring for others, and supporting families and communities. These fields are in high demand and offer many opportunities to make a difference.

Students can explore four career pathways:

- Child Development – Learn the skills needed to work in child care and related fields.
- Education – Build the foundation to become a teacher or educator
- Consumer Services – Gain the management and customer service skills for careers that involve helping consumers.
- Family and Human Services – Prepare for jobs that support families and provide social services.

Programs combine classroom learning, hands-on projects, and real-world experience, along with opportunities to grow as leaders through organizations like Family, Career and Community Leaders of America (FCCLA). By following these pathways, students gain valuable knowledge, practical experience, and leadership skills to succeed in college, advanced training, or careers in education and human services.

Career Pathway	HS Programs	American River	Cosumnes River	Folsom Lake	Sacramento City
Child Development	American Legion HS	Children with Disabilities and Developmental Differences Specialist 📖	Early Childhood Education 🎓	Early Childhood Education Teacher 🎓	Early Childhood Education 🎓
	Creative Connections Art Academy	Diversity, Equity, and Inclusion Specialist 📖	Early Childhood Education Master Teacher 📖	Early Childhood Education Infant Specialist 📖	Early Childhood Education Administration 🎓
	Daylor (William) HS	Early Childhood Education 🎓	Early Childhood Education Teacher 📖	Early Childhood Education Master Teacher 📖	Early Childhood Education Teacher 🎓
	Rio Linda HS	Early Childhood Education Associate Teacher 📖	Early Childhood Education Infant Specialist 📖	Early Childhood Education Master Teacher 📖	Early Childhood Education Teacher 🎓
	Walnut HS	Early Childhood Education Teacher 📖	Early Childhood Education Infant and Toddler Specialist 📖	Early Childhood Education Site Supervisor 🎓	Early Childhood Education School-Age Care and Education Teacher 📖
		Early Childhood Education Master Teacher 📖	Early Childhood Education Infant and Toddler Specialist 📖	Early Childhood Education Site Supervisor 📖	Early Childhood Education School-Age Care and Education Teacher 📖
		Early Childhood Education Site Supervisor 📖	Early Childhood Education Infant and Toddler Specialist 📖	Early Childhood Education Site Supervisor 🎓	Early Childhood Education School-Age Care and Education Teacher 📖
		Early Childhood Education Master Teacher 📖	Early Childhood Education Associate Teacher 📖	Early Childhood Education School Age Child Care 📖	Early Childhood Education Infant Care and Education Teacher 📖
		Early Childhood Education Site Supervisor 📖	Early Childhood Education School Age Child Care 📖	Early Childhood Education Site Supervisor 📖	Family Child Care Provider 📖
		Early Childhood Education Infant and Toddler Specialist 📖	Early Childhood Education Site Supervisor 🎓		Family Child Care Provider 📖
Consumer Services	N/A	Funeral Service Education			
Education	Encina Preparatory HS	Elementary Teacher Education 🎓	Elementary Teacher Education 🎓	Elementary Teacher Education 🎓	Child and Adolescent Development 🎓
	Foothill HS				Elementary Teacher Education 🎓
	Highlands HS				Library and Information Technology 📖 🎓
	Pacific Career and Technology HS				School Library Media Center 📖
	Rio Vista HS				
Family and Human Services	N/A	American Sign Language (ASL) to English Interpreter 📖 🎓	Chemical Dependency Studies 📖 🎓	Human Services Paraprofessional 📖	Community Studies 📖 🎓
		Chemical Dependency Studies 📖 🎓	Human Services General 📖 🎓	Human Services Specialist 📖	Gerontology 📖 🎓
		Gerontology 📖 🎓	Social Work and Human Services 🎓	Social Work and Human Services 🎓	Social Work and Community Studies 📖 🎓
		Human Services 📖 🎓			
		Mental and Behavioral Health 📖			



Career Opportunities in Education, Child Development, and Family Services

The careers listed below connect directly to programs offered at Los Rios Community Colleges—helping you turn what you learn in class into real career opportunities in Greater Sacramento.



Career Pathway	Community College Occupations	Bright Outlook
Child Development	Childcare Workers	*
	Preschool Teachers, Except Special Education	
Education	Teaching Assistants, Except Postsecondary	
	Library Technicians	
Family and Human Services	Social and Human Service Assistants	*
	Community Health Workers	*
	Funeral Home Managers	
	Morticians, Undertakers, and Funeral Arrangers	
	Embalmers	

The careers below usually require a bachelor’s degree, but you don’t have to start at a university right away. Los Rios Community Colleges give you a strong foundation—and the chance to transfer to a four-year university to keep moving toward your career goals in Greater Sacramento.

Career Pathway	Bachelor Degree Occupations	Bright Outlook
Child Development	Education and Childcare Administrators, Preschool and Daycare	
	Special Education Teachers, Preschool	
Education	Elementary School Teachers, Except Special Education	
	Kindergarten Teachers, Except Special Education	
	Interpreters and Translators	
Family and Human Services	Substance Abuse and Behavioral Disorder Counselors	*
	Mental Health Counselors	*
	Child, Family, and School Social Workers	
	Social and Community Service Managers	*

2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
8,154	-3%	1,445	\$17.11	\$35,590
3,760	5%	465	\$19.94	\$41,471
11,984	6%	1,576	\$20.94	\$43,550
540	2%	97	\$24.50	\$50,965
4,528	13%	595	\$25.80	\$53,665
577	14%	77	\$26.48	\$55,078
269	6%	24	\$39.89	\$82,969
180	8%	24	\$24.95	\$51,886
53	5%	9	\$25.17	\$52,349

2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
667	2%	49	\$28.23	\$58,715
196	8%	17	\$28.44	\$59,146
10,927	6%	879	\$45.81	\$95,278
249	15%	37	\$42.98	\$89,390
719	2%	73	\$32.24	\$67,067
4,484	15%	532	\$32.94	\$68,513
4,484	15%	532	\$32.94	\$68,513
3,816	12%	411	\$31.83	\$66,201
2,437	12%	262	\$37.50	\$77,999

Source: Lightcast 2025.3 | Legend: Bright Outlook Occupation *



Energy, Environment, and Utilities

The Energy, Environment, and Utilities sector introduces students to careers that focus on power, technology, and protecting the environment. Students gain a strong foundation of knowledge and skills while exploring real-world experiences that connect directly to jobs in these fields.

There are three main pathways:

- Environmental Resources – Learn how to manage and protect natural resources.
- Energy and Power Technology – Explore how energy is created, delivered, and used.
- Telecommunications – Discover the technology that makes communication possible, from phones to the internet.

Programs combine academic learning and technical training to help students build career awareness, explore job options, and prepare for technical-level employment. These pathways also connect directly to college programs and advanced training in energy, utilities, and environmental fields.

Career Pathway	HS Programs	American River	Cosumnes River	Folsom Lake	Sacramento City
Energy and Power Technology	Laguna Creek HS	Solar Energy Systems Design, Estimation & Sales Solar Energy Technology 	Solar Installers 		
Environmental Resources	N/A	Geographic Information Systems (GIS) 	Geographic Information Systems (GIS) 	Water/Wastewater Management 	
Telecommunications	N/A	Advanced Electronics and Telecommunications Digital Home Technology Integration Fiber Optics Telecommunication Specialist 			Telecommunications Technician

Career Opportunities in Energy, Environment, and Utilities

The careers listed below connect directly to programs offered at Los Rios Community Colleges—helping you turn what you learn in class into real career opportunities in Greater Sacramento.



Career Pathway	Community College Occupations	Bright Outlook
Environmental Resources	Geographic Information Systems Technologists and Technicians (part of Computer Occupations, All Other)	*
	Water and Wastewater Treatment Plant and System Operators	
	Electrical and Electronic Engineering Technologists and Technicians	
	Surveying and Mapping Technicians	*
Telecommunications	Telecommunications Equipment Installers and Repairers, Except Line Installers	

2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
3,707	4%	255	\$50.99	\$106,053
1,062	4%	109	\$40.90	\$85,064
484	4%	49	\$38.63	\$80,342
337	4%	46	\$33.32	\$69,304
1,301	-5%	123	\$35.53	\$73,894

The careers below usually require a bachelor's degree, but you don't have to start at a university right away. Los Rios Community Colleges give you a strong foundation—and the chance to transfer to a four-year university to keep moving toward your career goals in Greater Sacramento.

Career Pathway	Bachelor Degree Occupations	Bright Outlook
Environmental Resources	Cartographers and Photogrammetrists	*

2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
188	7%	16	\$60.45	\$125,745

Source: Lightcast 2025.3 | Legend: Bright Outlook Occupation *



Engineering and Architecture

The Engineering and Architecture sector gives students in California a strong foundation for careers in design, engineering, and building the world around us. Students explore four career pathways:

- Architectural Design – Learn how to design buildings and spaces.
- Engineering Technology – Focus on the tools and systems engineers use.
- Engineering Design – Develop problem-solving skills to design and improve products and structures.
- Environmental Engineering – Explore ways to protect the planet through innovative design and technology.

Programs in this sector combine classroom lessons, lab work, and hands-on projects with opportunities for leadership and teamwork. Students gain the skills and experiences they need to continue training, pursue college or advanced education, or move directly into exciting careers in engineering and architecture.

Career Pathway	HS Programs	American River	Cosumnes River	Folsom Lake	Sacramento City
Architectural Design	Folsom HS Highlands HS West Campus		Architecture 🎓 Architectural Technology 📖 Building Information Modeling (BIM) 📖🎓 Green Buildings 📖 Interior Building Architecture 📖🎓		Architectural/Structural Design 📖🎓
Engineering Technology	Cosumnes Oaks HS Florin HS Franklin HS Monterey Trail HS Pleasant Grove HS Rosemont HS Valley HS	Basic Mechatronics 📖 Engineering Technology 📖🎓			Surveying (Geomatics) 📖🎓
Engineering Design	Bella Vista HS Folsom HS Galt HS Laguna Creek HS McClellan Natomas HS School of Engineering and Sciences Walnut HS West Campus	CADD Operator 📖 Design Technology 📖🎓		Digital Fabrication 📖 Modern Making in Makerspaces 📖 Physical Computing and the Internet of Things (IoT) 📖	CAD Technology 📖 Electric (Power-Lighting Systems) 📖🎓 Engineering Design Technology 📖🎓 Mechanical (HVAC/Piping/Plumbing Systems) 📖🎓
Environmental Engineering	N/A				Field Ecology 📖



Certificate



Associate Degree

Career Opportunities in Engineering and Architecture

The careers listed below connect directly to programs offered at Los Rios Community Colleges—helping you turn what you learn in class into real career opportunities in Greater Sacramento.



Career Pathway	Community College Occupations	Bright Outlook
Architectural Design	Architectural and Civil Drafters	
Engineering Design	Electrical and Electronics Drafters	
	Mechanical Drafters	
Engineering Technology	Civil Engineering Technologists and Technicians	
	Electrical and Electronic Engineering Technologists and Technicians	
	Surveying and Mapping Technicians	*
	Industrial Engineering Technologists and Technicians	
	Mechanical Engineering Technologists and Technicians	
	Calibration Technologists and Technicians	*
Environmental Engineering	Electro-Mechanical and Mechatronics Technologists and Technicians	
	Environmental Science and Protection Technicians, Including Health	*
	Hazardous Materials Removal Workers	
	Environmental Engineering Technologists and Technicians	

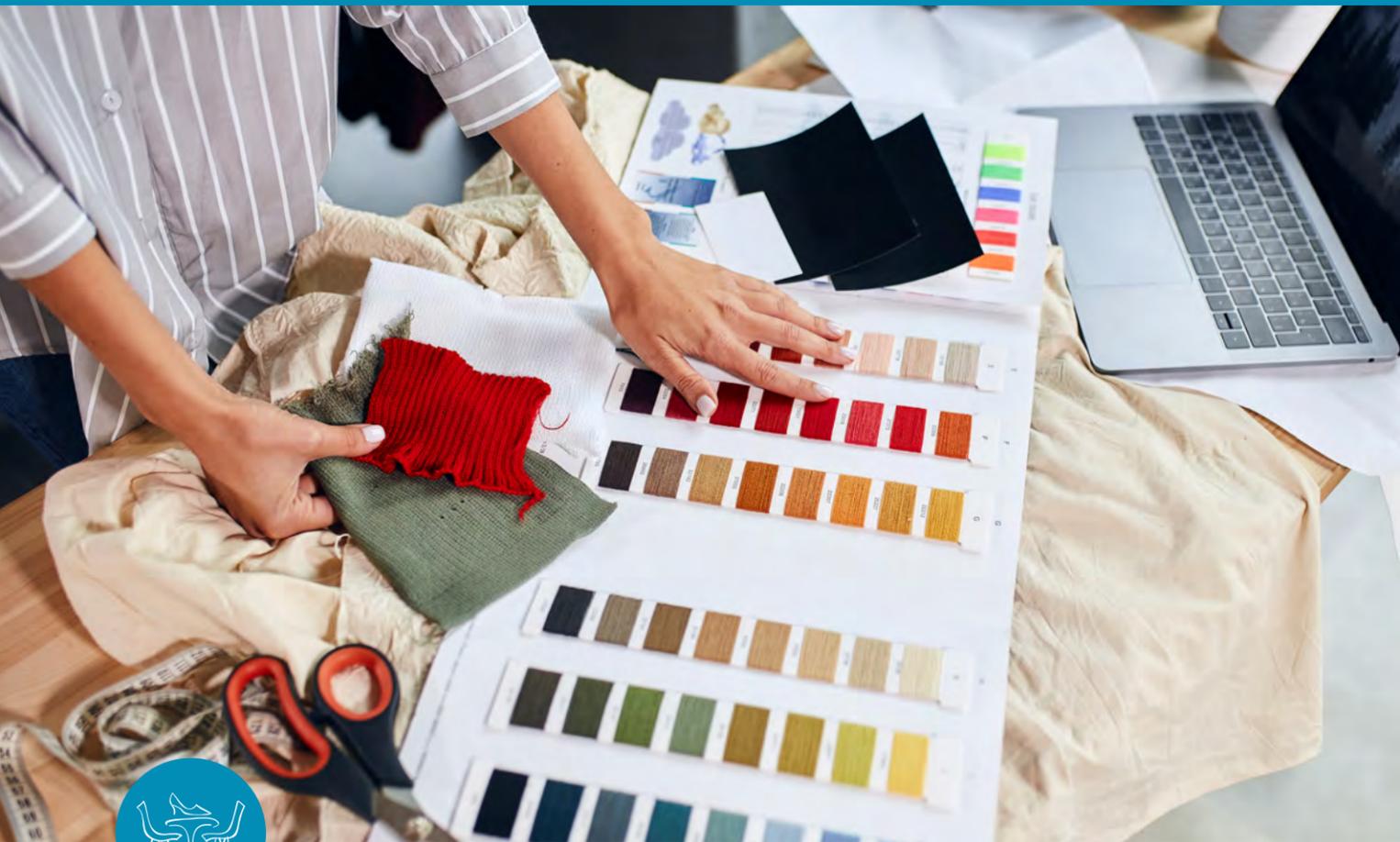
2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
981	0%	82	\$34.95	\$72,686
260	3%	25	\$35.13	\$73,076
202	2%	19	\$36.55	\$76,033
589	9%	62	\$38.60	\$80,278
484	4%	49	\$38.63	\$80,342
337	4%	46	\$33.32	\$69,304
109	15%	13	\$33.84	\$70,382
99	9%	11	\$37.37	\$77,732
50	14%	6	\$35.46	\$73,759
35	4%	3	\$41.09	\$85,460
824	5%	100	\$24.27	\$50,491
516	3%	54	\$28.05	\$58,341
89	4%	8	\$29.02	\$60,360

The careers below usually require a bachelor's degree, but you don't have to start at a university right away. Los Rios Community Colleges give you a strong foundation—and the chance to transfer to a four-year university to keep moving toward your career goals in Greater Sacramento.

Career Pathway	Bachelor Degree Occupations	Bright Outlook
Engineering Technology	Surveyors	*

2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
409	3%	31	\$59.00	\$122,718

Source: Lightcast 2025.3 | Legend: Bright Outlook Occupation *



Fashion and Interior Design

The Fashion and Interior Design sector prepares students for exciting and creative careers in style, design, and personal services. Students can choose from three career pathways:

- Fashion Design and Merchandising – Create clothing, accessories, and learn how trends shape the fashion industry.
- Interior Design – Explore how to design and decorate spaces where people live and work.
- Personal Services – Build skills in areas like hairstyling, beauty, and customer care.

Programs in this sector combine classroom learning, hands-on projects, and real-world experiences, along with leadership opportunities through groups like Family, Career and Community Leaders of America (FCCLA). Students develop creativity, communication, teamwork, and problem-solving skills while learning how design connects to business and culture.

Whether students plan to continue on to college, technical training, or start working right away, this sector helps them prepare for careers that combine artistic talent with professional skills.

Career Pathway	HS Programs	American River	Cosumnes River	Folsom Lake	Sacramento City
Fashion Design and Merchandising	SAVA EG	Apparel Construction Fashion Design Fashion Entrepreneur Fashion Illustration Fashion Merchandising Fashion Retailing Patternmaking and Draping Runway Design 			Applied Apparel Studies
Interior Design	N/A	Designed 4 Life Event Design Coordinator Sustainable Design for Interiors Interior Retail Merchandising Interior Planning and Design Sacramento Design History Universal Design 			
Personal Services	Discovery HS				Art and Science of Nail Technology Cosmetology

Certificate

Associate Degree

Career Opportunities in Fashion and Interior Design

The careers listed below connect directly to programs offered at Los Rios Community Colleges—helping you turn what you learn in class into real career opportunities in Greater Sacramento.

Career Pathway	Community College Occupations	Bright Outlook
Personal Services	Hairdressers, Hairstylists, and Cosmetologists	*
	Manicurists and Pedicurists	*
	Skincare Specialists	*
	Barbers	*

The careers below usually require a bachelor's degree, but you don't have to start at a university right away. Los Rios Community Colleges give you a strong foundation—and the chance to transfer to a four-year university to keep moving toward your career goals in Greater Sacramento.

Career Pathway	Bachelor Degree Occupations	Bright Outlook
Fashion Design and Merchandising	Buyers and Purchasing Agents	
	Fashion Designers	
Interior Design	Interior Designers	



2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
5,167	7%	761	\$17.36	\$36,104
3,731	11%	519	\$16.91	\$35,176
923	13%	161	\$17.90	\$37,235
645	12%	88	\$16.42	\$34,161

2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
2,556	7%	287	\$37.19	\$77,365
127	10%	14	\$37.01	\$76,984
564	3%	56	\$34.03	\$70,789

Source: Lightcast 2025.3 | Legend: Bright Outlook Occupation *



Health Science and Medical Technology

The Health Science and Medical Technology sector prepares students for careers in one of the fastest-growing industries in the world—health care. Students can explore five career areas:

- Biotechnology – Research and develop new medical discoveries.
- Patient Care – Work directly with patients to support their health. Patient care includes careers in dental, diagnostic imaging, emergency services, nursing, patient care and support, pharmacy, rehabilitation, surgery, and vision/eye care.
- Healthcare Administrative and Operational Services – Manage the business side of health care and keep hospitals and clinics running smoothly. This includes careers in healthcare interpreting, health information technology, and front office medical assisting.
- Public and Community Health – Promote health and wellness in communities.
- Mental and Behavioral Health – Support mental health and well-being.

Programs combine classroom learning with hands-on practice, helping students build problem-solving, teamwork, and leadership skills. Students also gain an understanding of how health services improve lives while preparing for college, advanced training, or entry-level jobs.

This sector opens doors to a wide range of careers—from lab research to patient care to community health—all with the opportunity to make a positive difference in people’s lives.

Career Pathway	HS Programs	American River	Cosumnes River	Folsom Lake	Sacramento City
Biotechnology	Pleasant Grove HS Sheldon HS Vista de Lago HS Walnut HS	Biomedical Equipment Technology 📖 🎓 Biotechnology 📖 🎓			
Clinical and Medical Laboratory	Roble Fundamental HS Center HS Community Collaborative Charter Cordova HS Cosumnes Oaks HS			Medical Laboratory Technician 🎓 Pre-Clinical Laboratory Scientist Trainee 📖	Chemical Technology 🎓
Dental	El Camino Fundamental HS Encina Preparatory HS Folsom HS				Dental Assisting 📖 🎓 Dental Hygiene 🎓
Diagnostic Imaging	Foothill HS Grant Union HS Health Professions HS Hiram Johnson HS Laguna Creek HS			Computed Tomography 📖 Magnetic Resonance Imaging 📖	
Emergency Services	Liberty Ranch HS Mira Loma HS Monterey Trail HS Natomas HS Rio Americano High	Emergency Medical Technician (EMT) 📖 Paramedic 📖 🎓	Emergency Medical Technician (EMT) 📖		
Healthcare Administrative Services and Operational Support		Healthcare Interpreting 📖	Administrative Medical Assisting 📖 Medical Assisting 📖 🎓 Medical Insurance Billing 📖		Healthcare Business 📖
Health Information Technology			Health Information Coding Specialist 📖 Health Information Technology 🎓		



Career Pathway	HS Programs	American River	Cosumnes River	Folsom Lake	Sacramento City
Nursing	Roble Fundamental HS	Licensed Vocational Nurse (LVN)		Certified Nurse Assistant	Licensed Vocational Nurse (LVN)
	Center HS	☒		☒	☒ ☎
	Community Collaborative Charter	LVN to RN Career Mobility			LVN to RN Career Mobility
	Cordova HS	☎			☒ ☎
	Cosumnes Oaks HS	☎			Registered Nursing
	El Camino Fundamental HS	☎			☎
Encina Preparatory HS					
Patient Care and Support	Folsom HS	Home Health Aide	Allied Health: Pre-Health Occupations	Pre-Health Occupations	Pre-Health Occupations
	Foothill HS	☒	☎	☎	☒ ☎
	Grant Union HS	Pre-Health Occupations			
	Health Professions HS	☎			
Hiram Johnson HS					
Pharmacy	Laguna Creek HS		Pharmacy Technician		
	Liberty Ranch HS		☒ ☎		
	Mira Loma HS				
Rehabilitation Services	Monterey Trail HS	Respiratory Therapist			Occupational Therapy Assistant
	Natomas HS	☎			☎
	Rio Americano High	Speech-Language Pathology Assistant			Physical Therapist Assistant
		☒			☎
Surgery			Surgical Technology		
			☎		
Vision and Eye Care					Contact Lens Technician
					☒ Optical Technician
Public and Community Health	Valley HS	Funeral Service Education		Public Health	Community Health Care Worker
		☎		☎	☒

☒ Certificate

☎ Associate Degree

Career Opportunities in Health Sciences and Medical Technology

The careers listed below connect directly to programs offered at Los Rios Community Colleges—helping you turn what you learn in class into real career opportunities in Greater Sacramento.

Career Pathway	Community College Occupations	Bright Outlook	2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
Dental Support	Dental Assistants	*	3,961	8%	602	\$28.26	\$58,782
	Dental Hygienists	*	2,414	8%	198	\$58.48	\$121,645
Diagnostic Imaging	Radiologic Technologists and Technicians	*	1,379	11%	106	\$62.54	\$130,077
	Diagnostic Medical Sonographers	*	708	12%	53	\$72.58	\$150,973
Emergency Services	Emergency Medical Technicians	*	1,294	7%	120	\$24.06	\$50,035
	Paramedics	*	582	8%	36	\$35.78	\$74,432
Healthcare Operational Support	Medical Assistants	*	8,539	12%	1,361	\$29.08	\$60,497
	Medical Secretaries and Administrative Assistants	*	8,343	7%	973	\$26.87	\$55,893
Medical Records	Medical Records Specialists	*	1,565	8%	133	\$35.32	\$73,475
	Health Information Technologists and Medical Registrars	*	251	14%	23	\$42.89	\$89,211
Nursing	Registered Nurses	*	25,969	9%	1,839	\$80.63	\$167,720
	Licensed Practical and Licensed Vocational Nurses	*	5,026	10%	514	\$38.11	\$79,262
Patient Care	Home Health Aides	*	63,984	19%	12,709	\$16.15	\$33,582
	Personal Care Aides	*	63,984	19%	12,709	\$16.15	\$33,582
	Nursing Assistants	*	6,671	13%	1,166	\$22.28	\$46,349

Career Opportunities in Health Sciences and Medical Technology

The careers listed below connect directly to programs offered at Los Rios Community Colleges—helping you turn what you learn in class into real career opportunities in Greater Sacramento.



Career Pathway	Community College Occupations	Bright Outlook
Pharmacy	Pharmacy Technicians	*
Public and Community Health	Community Health Workers	*
Rehabilitation	Physical Therapist Assistants	*
	Occupational Therapy Assistants	*
Surgery	Surgical Technologists	*
Vision and Eye Care	Ophthalmic Medical Technicians	*

2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
3,526	2%	344	\$26.46	\$55,046
577	14%	77	\$26.48	\$55,078
529	17%	102	\$38.76	\$80,611
220	17%	35	\$42.37	\$88,123
686	12%	57	\$45.30	\$94,215
277	15%	44	\$22.00	\$45,763

The careers below usually require a bachelor’s degree, but you don’t have to start at a university right away. Los Rios Community Colleges give you a strong foundation—and the chance to transfer to a four-year university to keep moving toward your career goals in Greater Sacramento.

Career Pathway	Bachelor Degree Occupations	Bright Outlook
Health Care Administrative Services	Medical and Health Services Managers	*
Clinical and Medical Laboratory	Clinical Laboratory Technologists and Technicians	
	Biological Technicians	*

2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
4,705	20%	553	\$70.83	\$147,334
2,170	9%	183	\$38.26	\$79,577
774	4%	96	\$29.72	\$61,824

Source: Lightcast 2025.3 | Legend: Bright Outlook Occupation *



Hospitality, Tourism, and Recreation

The Hospitality, Tourism, and Recreation sector prepares students for exciting careers in some of the world's fastest-growing industries. Students can explore three career pathways:

- Food Science, Dietetics, and Nutrition – Learn about food, health, and how nutrition impacts people's lives.
- Food Service and Hospitality – Develop skills in cooking, customer service, and restaurant management.
- Hospitality, Tourism, and Recreation – Discover careers in travel, event planning, hotels, and recreation services.

Programs in this sector combine classroom learning with hands-on projects, work-based experiences, and leadership opportunities, such as those offered through Family, Career and Community Leaders of America (FCCLA). Students gain skills in teamwork, customer service, nutrition, event planning, and management, while also building creativity, cultural awareness, and problem-solving abilities.

With options to continue on to college, technical training, or direct entry into a career, students can open doors to exciting jobs in the food, travel, and hospitality industries—fields that allow them to work with people, explore the world, and create memorable experiences.

Career Pathway	HS Programs	American River	Cosumnes River	Folsom Lake	Sacramento City
Food Science, Dietetics, and Nutrition	N/A	Dietary Manager/ Dietary Services Supervisor  Nutrition and Dietetics 	Community Nutrition  Nutrition and Dietetics  Nutrition and Foods  Regenerative Foodways 	Nutrition and Dietetics  Nutrition Education 	Food Science and Technology  Nutrition and Dietetics 
Food Service and Hospitality	American Legion HS Cordova HS Cosumnes Oaks HS Discovery HS El Centro Elk Grove HS Florin HS Galt HS John F. Kennedy HS Kinney HS Liberty Ranch HS Palmiter Special Education Rio Linda HS Rosemont HS San Juan HS SAVA EG SAVA Vista Nueva Car	Baking and Pastry  Culinary Arts  Culinary Arts/ Restaurant Management  Restaurant Management 	Basic Culinary Services  Cooking and Supervision  Culinary Arts Management  Restaurant and Food Service Entrepreneurship 		
Hospitality, Tourism, and Recreation	Rio Vista HS	Event Design Coordinator 			



Career Opportunities in Hospitality, Tourism, and Recreation

The careers listed below connect directly to programs offered at Los Rios Community Colleges—helping you turn what you learn in class into real career opportunities in Greater Sacramento.



Career Pathway	Community College Occupations	Bright Outlook
Food Service and Hospitality	First-Line Supervisors of Food Preparation and Serving Workers	*
	Food Service Managers	
	Chefs and Head Cooks	*
Dietary Services	Dietetic Technicians	
Food Science	Food Science Technicians	*

2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
7,689	8%	1,275	\$22.31	\$46,399
2,542	6%	325	\$32.21	\$67,001
1,642	8%	229	\$29.11	\$60,553
454	6%	61	\$21.19	\$44,074
209	6%	33	\$28.87	\$60,046

The careers below usually require a bachelor’s degree, but you don’t have to start at a university right away. Los Rios Community Colleges give you a strong foundation—and the chance to transfer to a four-year university to keep moving toward your career goals in Greater Sacramento.

Career Pathway	Bachelor Degree Occupations	Bright Outlook
Dietary Services	Dietitians and Nutritionists	*
Food Science	Food Scientists and Technologists	*

2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
748	11%	67	\$47.42	\$98,638
127	5%	11	\$39.26	\$81,671

Source: Lightcast 2025.3 | Legend: Bright Outlook Occupation *



Information and Communication Technologies

The Information and Communication Technologies (ICT) sector prepares students for careers in today's fast-changing technology world. This field includes computers, software, networking, the internet, telecommunications, and programming—all the tools that keep people and businesses connected.

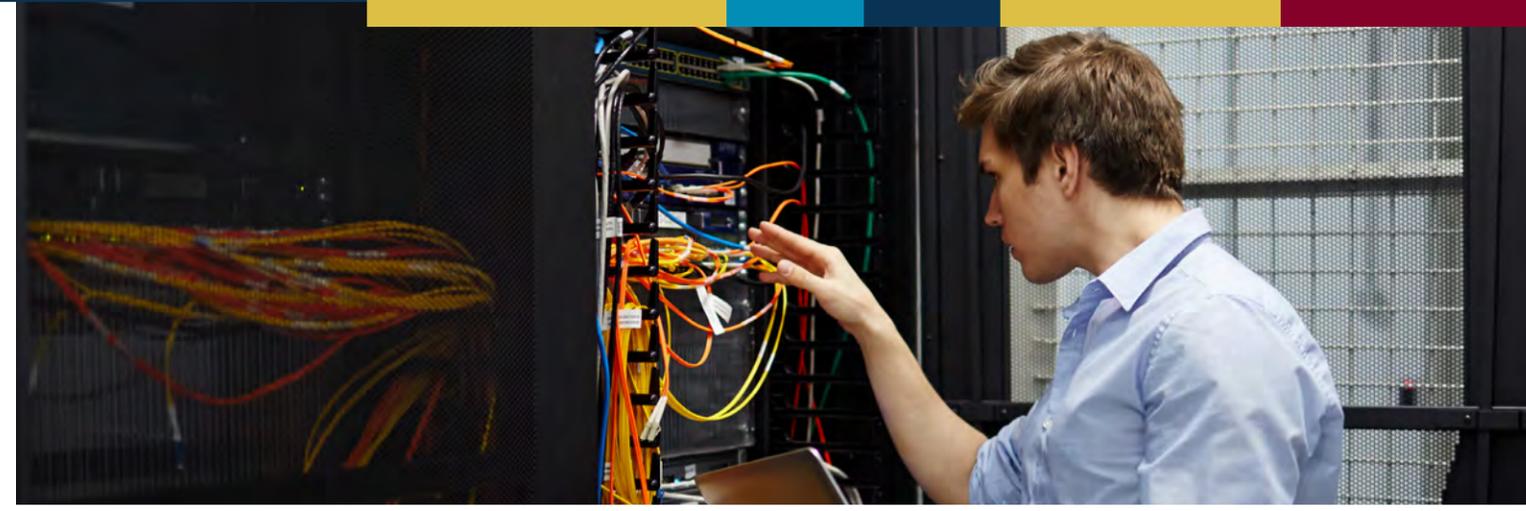
Students learn how to manage and support information systems, making sure data flows safely and efficiently. Along the way, they build important skills like problem-solving, communication, and project management.

ICT careers are in high demand, often come with great pay, and require both technical know-how and teamwork. Students who choose this sector can explore pathways leading to college degrees and exciting jobs in areas such as cybersecurity, IT support, programming, and system management.

Career Pathway	HS Programs	American River	Cosumnes River	Folsom Lake	Sacramento City
Data and Analytics	N/A	Database Management 	Database Analyst (SQL) Database Design Management Information Systems Relational Database Administration 	Algorithmic and Logical Thinking Artificial Intelligence and Machine Learning 	Data Science Management Information Science
Games and Simulation	N/A				Game Design
IT Support and Security	Bella Vista HS Galt HS	Computer Information Security Essentials Cybersecurity and Information Assurance Cybersecurity and Information Security Administration Information Systems Security Management Information Technology Technician PC Support 	Cyber Defense Cybersecurity Cybersecurity and Information Assurance Information Technology Associate Information Technology Technician 	Information Technology 	Cloud Computing Computer Information Security Essentials Cybersecurity and Information Assurance Information Processing Information Processing Specialist Information Processing Technician PC Support
Network & Infrastructure	Mira Loma HS	Computer Networking Management Enterprise Mainframe System Administration Network Administration Essentials: Windows 			Advanced CISCO Networking Network Administration Network Design

Certificate

Associate Degree



Career Pathway	HS Programs	American River	Cosumnes River	Folsom Lake	Sacramento City
Programming, Software, and Systems Development	Center HS Cosumnes Oaks HS Folsom HS Franklin HS Grant Union HS Laguna Creek HS Monterey Trail HS New Technology HS Sheldon HS Walnut HS	Computer Programming ☰ 🎓	Computer Science ☰ 🎓 Computer Programmer ☰ Programming in C/C++ ☰ Object Oriented Software Development ☰	Computer Programming ☰	Computer Science ☰ 🎓 Programming ☰
Web Development	N/A	Web Developer ☰ Web Publishing (Front-End) ☰	Web Programming ☰		Front-end Web Developer ☰ Web Developer ☰ 🎓 Web Production Specialist ☰
Computer Literacy and Digital Skills	N/A	Business Information Professional ☰ Microcomputer Applications ☰ 🎓	Business Information Professional ☰	Business Information Technology 🎓 Business Information Professional ☰ New World of Work ☰	Business Information Worker ☰

Information and Communication Technology Apprenticeships at American River College

At American River College (ARC), students can jumpstart their careers through exciting apprenticeship programs built with local industry partners. Apprenticeships are a unique way to learn because they offer three big benefits at once: a paid job, hands-on training, and college instruction.

One option is the Enterprise Software Engineering and Development Apprenticeship program. This program prepares students for careers as software engineers and software developers. Enterprise software is the type of computer software that large companies, schools, and organizations use to keep everything running smoothly. It's built to handle a lot of information and help many people work at the same time. For example, schools might use enterprise software to track grades, while businesses might use it to manage payroll, customer orders, or team communication.

In this program, apprentices receive on-the-job training along with specialized classroom instruction that follows official state standards. By completing the program, students gain real-world work experience, earn college credit, and build the credentials needed to succeed in the fast-growing world of software and technology. If you want to learn more about how to get started, you can connect with ARC's Dean of Technical Education Office for guidance.

Apprenticeship Program Contact	Programs Offered
<p>American River College STEM HomeBase (916) 484-8215</p>	<p>Enterprise Software Engineering and Development Apprenticeship</p>

Career Opportunities in Information and Communication Technologies

The careers listed below connect directly to programs offered at Los Rios Community Colleges—helping you turn what you learn in class into real career opportunities in Greater Sacramento.



Career Pathway	Community College Occupations	Bright Outlook
Information and Support Services	Computer User Support Specialists	
	Computer Network Support Specialists	*

2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
14,119	-1%	906	\$48.86	\$101,621
843	5%	63	\$40.93	\$85,138

The careers below usually require a bachelor's degree, but you don't have to start at a university right away. Los Rios Community Colleges give you a strong foundation—and the chance to transfer to a four-year university to keep moving toward your career goals in Greater Sacramento.

Career Pathway	Bachelor Degree Occupations	Bright Outlook
Information Security	Information Security Analysts	*
Database Management	Database Administrators	*
	Database Architects	*
Data Science	Data Scientists	
Networking	Network and Computer Systems Administrators	
Programming and Software Development	Software Developers	*
	Software Quality Assurance Analysts and Testers	*
	Computer Programmers	
Systems Analysis and Design	Computer Systems Analysts	
Web Development	Web and Digital Interface Designers	*
	Web Developers	*

2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
729	15%	64	\$63.47	\$132,013
508	5%	34	\$59.70	\$124,181
201	5%	14	\$73.30	\$152,458
2,574	12%	212	\$47.30	\$98,374
1,674	2%	96	\$48.90	\$101,722
8,150	5%	507	\$67.44	\$140,265
1,016	2%	64	\$51.52	\$107,168
754	-4%	43	\$48.75	\$101,397
3,251	5%	225	\$58.26	\$121,179
757	2%	54	\$43.30	\$90,059
421	2%	27	\$45.79	\$95,245

Source: Lightcast 2025.3 | Legend: Bright Outlook Occupation *



Manufacturing and Product Development

The Manufacturing and Product Development sector introduces students to how the products we use every day are designed, built, and improved. Students can explore pathways in areas like graphic design production, machine tooling, welding, materials joining, and product innovation.

Programs combine classroom learning with labs, hands-on projects, and real-world experiences that reflect today's manufacturing industry. Students build skills in problem-solving, creativity, and technical work, while also learning how products are designed, tested, and produced.

This sector also focuses on teamwork, safety, and leadership development—all essential skills in modern manufacturing. With opportunities to continue on to college, advanced training, or direct entry into the workforce, students can prepare for careers that shape the world through innovation and production.

Career Pathway	HS Programs	American River	Cosumnes River	Folsom Lake	Sacramento City
Graphic Production Technologies	N/A				
Machining and Forming Technologies	Laguna Creek HS Rio Americano HS			CAD/CAM Programming Manufacturing and Industrial Technology Production Planning Quality Technician 	
Welding and Materials Joining	El Camino Fundamental HS Kinney HS	Electronics Systems Technology Soldering and Cabling Welding Metallurgy and Inspection Welding Technology 	Welding Technology 		Automated Systems Technician
Product Innovation and Design	Cordova HS Folsom HS John F. Kennedy HS Laguna Creek HS Walnut HS			CAD/CAM Programming Manufacturing and Industrial Technology Production Planning Quality Technician 	
Industrial Machinery Maintenance	N/A	Millwright 			Electro-Mechanical Technician Industrial Controls Technician Industrial Maintenance Technician
Other Programs	N/A	Mechatronics Robotics 			Chemical Technician Chemical Technology Telecommunications Technician

Certificate

Associate Degree

Career Opportunities in Manufacturing and Product Development

The careers listed below connect directly to programs offered at Los Rios Community Colleges—helping you turn what you learn in class into real career opportunities in Greater Sacramento.



Career Pathway	Community College Occupations	Bright Outlook
Machining and Forming Technologies	Inspectors, Testers, Sorters, Samplers, and Weighers	
	Industrial Machinery Mechanics	*
	Electrical and Electronic Engineering Technologists and Technicians	
	Electrical and Electronics Repairers, Commercial and Industrial Equipment	
	Maintenance Workers, Machinery	*
	Millwrights	
	Electro-Mechanical and Mechatronics Technologists and Technicians	
Product Innovation and Design	Industrial Engineering Technologists and Technicians	
Welding and Materials Joining	Welders, Cutters, Solderers, and Brazers	

2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
2,259	4%	285	\$24.52	\$50,993
1,397	12%	149	\$34.74	\$72,251
484	4%	49	\$38.63	\$80,342
361	4%	33	\$38.21	\$79,472
191	11%	22	\$29.64	\$61,649
150	8%	15	\$35.58	\$74,004
35	4%	3	\$41.09	\$85,460
109	15%	13	\$33.84	\$70,382
2,088	7%	243	\$25.96	\$53,992

Source: Lightcast 2025.3 | Legend: Bright Outlook Occupation *



Marketing, Sales, and Services

The Marketing, Sales, and Services sector helps students build strong business skills that are valuable in almost any career. Marketing is all about understanding people’s needs, creating solutions, and promoting products or services in smart, effective ways.

Students can explore three main pathways:

- Marketing – Learn how to advertise and promote products and ideas.
- Professional Sales – Build skills in customer service and selling strategies.
- Entrepreneurship/Self-Employment – Discover how to start and run your own business.

Programs in this sector focus on communication, advertising, customer service, and business strategy, while encouraging creativity and innovation. Students also learn how global markets, technology, and ethics shape today’s business world.

With opportunities that range from starting a business to working in sales or marketing, this sector prepares students for college, careers, and success in today’s competitive economy.

Career Pathway	HS Programs	American River	Cosumnes River	Folsom Lake	Sacramento City
Marketing	N/A	Advertising and Sales Promotion Marketing Marketing Essentials Retail Management 	Advertising/Public Relations Marketing 		Marketing Social Media Marketing
Professional Sales	Cordova HS	Real Estate 	Real Estate 	Real Estate 	Real Estate
Entrepreneurship/Self-Employment	American Legion HS Center HS Del Campo HS Folsom HS Heritage Peak Charter HS Hiram Johnson HS Monterey Trail HS Strong Workforce Virtual Career Pathways Valley HS	Computer Applications for Small Business Entrepreneurship Entrepreneurship/Small Business Management 	Small Business Management/Entrepreneurship Restaurant and Food Service Entrepreneurship 	Small Business Management/Entrepreneurship 	Art and Science of Nail Technology Cosmetology Entrepreneurship

Career Opportunities in Marketing, Sales, and Service

The careers listed below connect directly to programs offered at Los Rios Community Colleges—helping you turn what you learn in class into real career opportunities in Greater Sacramento.



Career Pathway	Community College Occupations	Bright Outlook	2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
Entrepreneurship/ Self-Employment	General and Operations Managers	*	19,749	7%	1,932	\$56.75	\$118,030
	Personal Service Managers		363	10%	36	\$19.56	\$40,684
Professional Sales	Property, Real Estate, and Community Association Managers		3,925	1%	334	\$29.55	\$61,473
Animal Science	Real Estate Sales Agents		3,604	1%	313	\$31.12	\$64,727
	Real Estate Brokers		899	0%	77	\$37.39	\$77,769
	Advertising Sales Agents		349	-3%	36	\$29.99	\$62,382

The careers below usually require a bachelor’s degree, but you don’t have to start at a university right away. Los Rios Community Colleges give you a strong foundation—and the chance to transfer to a four-year university to keep moving toward your career goals in Greater Sacramento.

Career Pathway	Bachelor Degree Occupations	Bright Outlook
Entrepreneurship/ Self-Employment	General and Operations Managers	
	Personal Service Managers	*
Marketing	Market Research Analysts and Marketing Specialists	*
	Public Relations Specialists	*
	Marketing Managers	*
	Public Relations Managers	*
Professional Sales	Sales Managers	*
	Buyers and Purchasing Agents	
	Property Appraisers and Assessors	
	Advertising and Promotions Managers	

2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
19,749	7%	1,932	\$56.75	\$118,030
363	10%	36	\$19.56	\$40,684
4,553	7%	466	\$37.28	\$77,548
2,543	7%	243	\$40.87	\$85,014
2,002	6%	185	\$71.55	\$148,829
518	8%	45	\$68.14	\$141,729
5,849	1%	457	\$50.26	\$104,545
2,556	7%	287	\$37.19	\$77,365
514	-3%	45	\$43.86	\$91,237
131	1%	12	\$61.00	\$126,888

Source: Lightcast 2025.3 | Legend: Bright Outlook Occupation *



Public Services

The Public Services sector prepares students for careers that focus on helping and protecting communities. These careers address important issues that impact people’s safety, well-being, and rights at the local, state, national, and even global level.

Students can explore three pathways:

- Public Safety – Learn about careers that keep communities safe.
- Emergency Response – Train for fast-paced roles that help people in urgent situations.
- Legal Practices – Explore careers in law, justice, and protecting people’s rights.

Programs combine classroom learning with labs, projects, and real-world experiences to give students a clear picture of career options. Along the way, students build leadership, teamwork, and problem-solving skills while preparing for college, technical training, or entry-level jobs.

Whether you’re interested in law, emergency response, or public safety, this sector opens doors to careers that make a real difference in people’s lives.

Career Pathway	HS Programs	American River	Cosumnes River	Folsom Lake	Sacramento City
Public Safety	Center HS Grant Union HS Hiram Johnson HS Inderkum HS McClatchy HS Mesa Verde Walnut HS	Administration of Justice 🎓		Administration of Justice 🎓	Administration of Justice 🎓
Emergency Response	Del Campo HS SAVA EG Valley HS	Emergency Medical Technician (EMT) 📖 Paramedic 📖 🎓 Fire Inspector 📖 Fire Investigation 📖 Fire Technology 📖 🎓 Firefighter Recruit Academy 📖	Emergency Medical Technician (EMT) 📖 Fire Prevention 🎓 Fire Technology 🎓 Firefighter Suppression Specialist 📖 Wildland Fire Technology 📖		
Legal Practices	Florin HS McClatchy HS Luther Burbank HS	Law Office Clerical Assistant 📖 Paralegal Studies 📖 🎓			Legal Studies 📖



Career Opportunities in Public Services

The careers listed below connect directly to programs offered at Los Rios Community Colleges—helping you turn what you learn in class into real career opportunities in Greater Sacramento.



Career Pathway	Community College Occupations	Bright Outlook
Corrections	Correctional Officers and Jailers	
	First-Line Supervisors of Correctional Officers	
Emergency and Fire Response	Firefighters	
	First-Line Supervisors of Firefighting and Prevention Workers	
	Emergency Medical Technicians	*
	Paramedics	*
	Fire Inspectors and Investigators	
	Forest Fire Inspectors and Prevention Specialists	*
Law Enforcement	Police and Sheriff's Patrol Officers	
	Detectives and Criminal Investigators	
	First-Line Supervisors of Police and Detectives	
	Bailiffs	
Legal Support	Paralegals and Legal Assistants	
	Legal Secretaries and Administrative Assistants	

2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
2,547	16%	323	\$41.23	\$85,758
639	13%	73	\$63.36	\$131,796
2,544	9%	239	\$49.45	\$102,850
726	9%	59	\$75.99	\$158,054
1,294	7%	120	\$24.06	\$50,035
582	8%	36	\$35.78	\$74,432
80	11%	8	\$47.32	\$98,417
35	18%	4	\$47.22	\$98,223
6,491	9%	614	\$52.76	\$109,743
1,712	7%	153	\$52.92	\$110,066
1,097	11%	98	\$75.06	\$156,135
377	6%	50	\$47.47	\$98,728
3,230	6%	374	\$36.89	\$76,723
1,429	3%	194	\$29.09	\$60,501

Source: Lightcast 2025.3 | Legend: Bright Outlook Occupation *



Transportation

The Transportation sector introduces students to the wide variety of careers that keep people, goods, and vehicles moving safely and efficiently. Students can explore eight exciting areas, including cars and trucks, planes, trains, ships, space, off-road vehicles, and small engines.

This sector offers three main career pathways:

- Operations – Learn how transportation systems are managed and run.
- Repair and Refinishing – Build skills to fix and maintain vehicles of all types.
- System Diagnostics and Service – Use technology to troubleshoot and solve problems.

Programs combine classroom lessons with labs, projects, and hands-on experiences that mirror real-world work. Students also strengthen teamwork and leadership skills while preparing for college, technical training, or careers.

Whether you're interested in fixing engines, working with advanced technology, or supporting travel and trade, this sector provides a strong foundation for career success in transportation.

Career Pathway	HS Programs	American River	Cosumnes River	Folsom Lake	Sacramento City
Operations	Mira Loma HS				Air Traffic Control Aircraft Dispatcher Flight Technology Railroad Operations
Structural Repair and Refinishing	SAVA SAVA EG Vista Nueva Career Technology HS	Automotive Claims Estimator Automotive Collision Technology 			Aircraft Maintenance Airframe
Systems Diagnostics, Service, and Repair	Casa Roble Fundamental High Elk Grove HS Florin High Highlands High John F. Kennedy High Natomas High Rio Linda High San Juan High SAVA Vista Nueva Career Technology High	Automotive Technology Clean Diesel Hybrid Technology Clean Diesel Technology Diesel Engine Technology Diesel Technology Green Vehicle Technology Diesel Preventive Maintenance Small Engines Snap-On Certification Transmission Service Undercar Service 	Automotive Mechanics Technology Ford ASSET Certification Ford ASSET Automotive Mechanics Technology Small Engine Repair 		Aircraft Maintenance Powerplant Aircraft Maintenance Technician

Certificate

Associate Degree

Career Opportunities in Transportation

The careers listed below connect directly to programs offered at Los Rios Community Colleges—helping you turn what you learn in class into real career opportunities in Greater Sacramento.



Career Pathway	Community College Occupations	Bright Outlook
Automotive Systems Diagnostics, Service, and Repair	Automotive Service Technicians and Mechanics	
	Bus and Truck Mechanics and Diesel Engine Specialists	
	Automotive Body and Related Repairers	
	Automotive Glass Installers and Repairers	
Aircraft Diagnostics, Service, and Repair	Aircraft Mechanics and Service Technicians	
	Avionics Technicians	*
	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	
Air Operations	Commercial Pilots	*
	Air Traffic Controllers	
Transportation and Logistics Administration	Transportation, Storage, and Distribution Managers	*

2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
6,182	6%	598	\$28.88	\$60,081
1,832	9%	189	\$32.39	\$67,363
1,348	7%	132	\$29.35	\$61,041
337	6%	31	\$23.56	\$49,007
953	8%	89	\$41.63	\$86,592
108	6%	10	\$39.01	\$81,142
51	9%	7	\$25.54	\$53,128
398	11%	56	\$50.03	\$104,062
287	1%	26	\$91.46	\$190,241
1,695	8%	168	\$49.73	\$103,429

The careers below usually require a bachelor’s degree, but you don’t have to start at a university right away. Los Rios Community Colleges give you a strong foundation—and the chance to transfer to a four-year university to keep moving toward your career goals in Greater Sacramento.

Career Pathway	Bachelor Degree Occupations	Bright Outlook
Air Operations	Airline Pilots, Copilots, and Flight Engineers	
Transportation and Logistics Administration	Logisticians	*

2024 Jobs	Projected Job Change 2024-2029	Annual Job Openings 2024-2029	Median Hourly Earnings	Median Annual Earnings
272	13%	40	\$109.75	\$228,280
1,270	12%	140	\$41.32	\$85,937

Source: Lightcast 2025.3 | Legend: Bright Outlook Occupation *

Ready to start?

Click to Follow the steps on How to Become a Dual Enrollment Student.

Do You Have Questions? Do You Need More Information?

Check out the [Dual Enrollment Frequently Asked Questions](#) or contact us at dualenrollment@losrios.edu.



Acknowledgments

This Flipbook was created by the Workforce and Economic Development (WED) Department at [Los Rios Community College District](#), in partnership with the Sacramento County Office of Education (SCOE). To learn more about what we do, please visit the [WED](#) and [SCOE](#) websites.

Citations

1. California Department of Education. "CTE Model Curriculum Standards." Standards & Framework, Career Technical Education. Last reviewed July 24, 2025. Accessed September 5, 2025. <https://www.cde.ca.gov/ci/ct/sf/ctemcstandards.asp>
2. Lightcast 2025.3; QCEW employees, non-QCEW employees, and self-employed.

Important Notes

1. The CTE Industry Sector descriptions were adapted from the California Department of Education's CTE Model Curriculum Standards. For more information, see <https://www.cde.ca.gov/ci/ct/sf/ctemcstandards.asp>
2. Traditional labor market information data is sourced from Lightcast, a labor market analytics firm. Lightcast's occupational employment data are based on final Lightcast industry data and final Lightcast staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and non-QCEW employees classes of worker) and the American Community Survey (self-employed and extended proprietors). For more information, see <https://lightcast.io>