

LEARN MORE. EARN MORE.

# CAREER EDUCATION GUIDE 2023-2024

IMPERIAL VALLEY COLLEGE





# DEAR EDUCATORS AND COUNSELORS

## A MESSAGE FROM THE SAN DIEGO AND IMPERIAL COUNTIES REGIONAL STRONG WORKFORCE PROGRAM:

Preparing students to be college and career ready gives you the opportunity to help students identify their personal interests and values as they relate to career choices. Students need assistance in their career development journey (self-awareness, career awareness, career exploration, career preparation, career training) so they can make informed postsecondary and career decisions. Our hope is that you will use this Career Education Guide to help students align their interests and values with career pathways that will lead them to careers in high-wage, in-demand industry sectors. Students may already be interested in an industry sector or career pathway and the guide can give them information about the education and skills necessary to be successful.

Within the guide are embedded references to the RIASEC Holland Codes, or six interest areas. The abbreviation RIASEC refers to:

**(R) Realistic**

**(I) Investigative**

**(A) Artistic**

**(S) Social**

**(E) Enterprising**

**(C) Conventional**



We understand there are many career assessments available in a practitioner's toolbox. Since many career assessments organize by Holland Codes, we have used them in the guide to designate which interest categories correlate with each industry sector. As any skilled practitioner knows, these codes are not to be used in isolation but rather in consultation with a qualified counselor who can assist in interpreting career assessment results and take the time to understand a student's unique circumstances and needs.

In the back of the guide are helpful resources you can use to access free career exploration tools as well as career assessments. Understanding a student's interests will aid you in helping to plan a student's coursework to complete career pathways offered by your site or district. There is also a link to the San Diego and Imperial Counties Community Colleges Career Education website, [careered.org](http://careered.org), where information about training for in-demand careers can be found to help students with their postsecondary education plans.



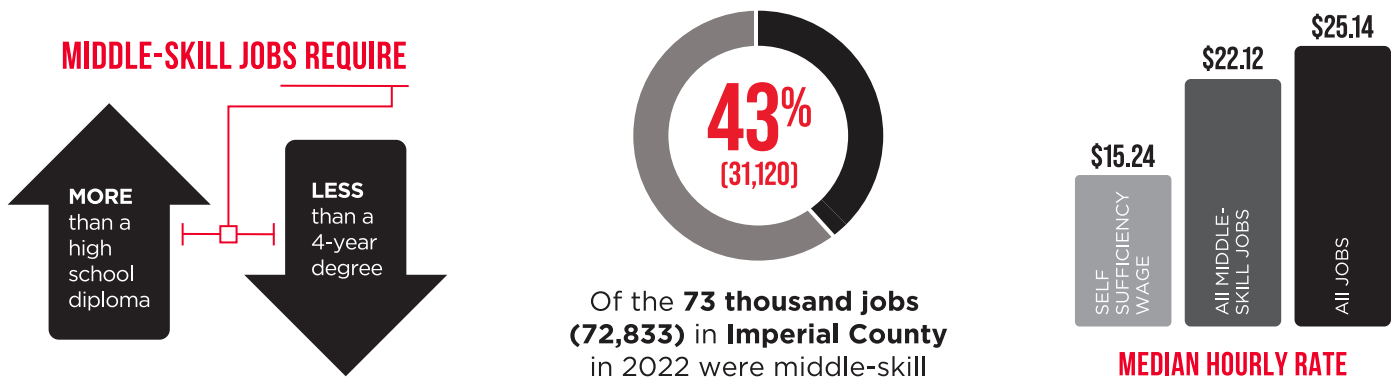
# MIDDLE-SKILL JOBS DRIVE THE ECONOMY



Businesses need more qualified candidates to fill good-paying middle-skill positions. Career Education at the Community Colleges in San Diego & Imperial Counties holds the key to unlock these growing, in-demand jobs.

## THE OPPORTUNITY

Middle-skill jobs are large and growing—and these jobs pay well.



## THE REASON

Career Education gives students a wide variety of program choices at multiple campuses—at a fraction of the cost.

## OVER 1,000 PROGRAMS (DEGREES AND CERTIFICATES) AND 10 COMMUNITY COLLEGES

- MiraCosta College
- Palomar College
- San Diego Miramar College
- Grossmont College
- San Diego Mesa College
- Cuyamaca College
- San Diego City College
- San Diego College of Continuing Education
- Southwestern College
- Imperial Valley College

**\$46**  
per credit  
**Community Colleges**  
are the best value.



## THE JOBS

Career Education can quickly launch you into these careers.

**66%**

of graduates  
**ARE EMPLOYED**  
**ONE YEAR AFTER**  
finishing their program

### ADVANCE YOUR CAREER BY



BUILDING  
YOUR SKILLS



EARNING A  
CERTIFICATE



OBTAINING AN  
ASSOCIATE DEGREE

## IN-DEMAND SECTORS

- Advanced Manufacturing
- Advanced Transportation & Logistics
- Agriculture, Water, & Environmental Technologies
- Business & Entrepreneurship
- Education & Human Development
- Energy, Construction, & Utilities
- Retail, Hospitality, & Tourism
- Health
- Information & Communication Technologies (ICT) & Digital Media
- Life Sciences & Biotechnology
- Public Safety & Retail

## GET CONNECTED

STUDENTS

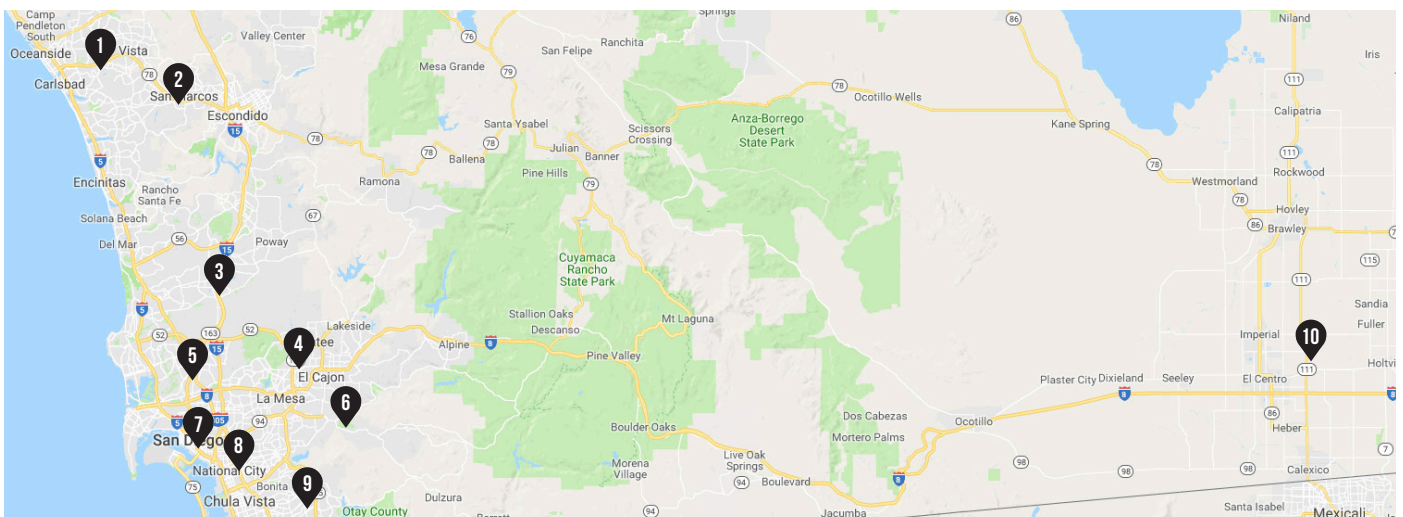


**CAREER EDUCATION**

TRAINING  
WORK EXPERIENCE  
JOB PLACEMENT



EMPLOYERS



# ADVANCED MANUFACTURING



Thanks to advancements in automation and Industry 4.0 technologies, modern manufacturing has evolved into a high-tech, clean, and safe environment. To meet today's needs and tomorrow's challenges, high-tech manufacturing (or Advanced Manufacturing) jobs continue to grow, especially in the areas of additive manufacturing, lean manufacturing, robotics and automation, industrial internet of things, digital transformation, predictive maintenance, precision machining and engineering.

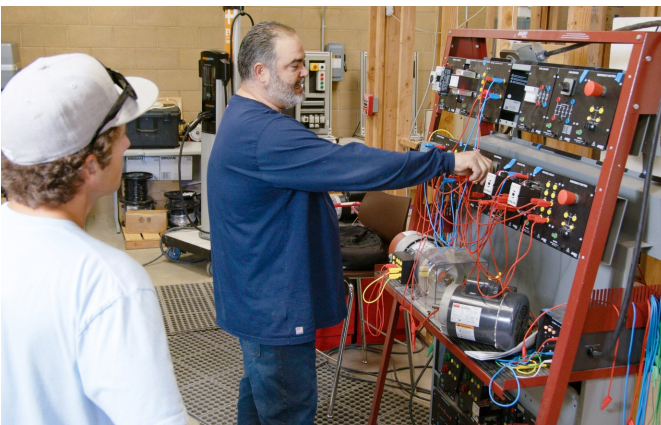
Additionally, the Advanced Manufacturing sector values diversity and is determined to create an environment where individuals from all backgrounds can thrive. Women, in particular, perform an integral role to the industry's future success, bringing unique perspectives and skills that contribute to its ongoing transformation and competitiveness in the global market. Opportunities for advancement in Advanced Manufacturing are plentiful in product design, process engineering, operations, maintenance, and lab work. Professionals who are adaptable, innovative, and capable of applying scientific and technical principles are well-positioned for rewarding and dynamic careers.

### Sample Employers:

Coca-Cola Bottling Co.  
 Empire Southwest  
 EW Corporation  
 Helena Agri-Enterprises, LLC.  
 Imperial Pre-Mix, LLC.

RoGar Manufacturing Inc.  
 Spreckels Sugar Co Inc  
 United States Gypsum (USG) Corporation

## CAREER EDUCATION GUIDE



## IMPERIAL COUNTY FAST FACTS\*



**\$60,722**

average earnings per job



**2,615**

people employed



**15% (391)**

5-year projected job growth



**64**

businesses

\*Labor market data derived from Lightcast 2023.3; QCEW, Non-QCEW, Self-Employed; 2022-2027 projections.



## ADVANCED MANUFACTURING | JOBS & WAGES

The following table lists the **minimum** educational attainment that an individual needs to have in order to be qualified for the occupation. Wages listed for each occupation are based on 25th percentile wages, which represent wages for entry-level workers. Only occupations with entry annual salaries of at least \$31,200 (i.e., living wage) and a labor market demand of at least three annual job openings are included in this list. Any job with “All Other” in the title is an occupation with highly specialized subsets; put differently, the title is written broadly to capture various emerging occupations.

HIGH SCHOOL DIPLOMA OR EQUIVALENT + ADDITIONAL TRAINING	Entry-level Hourly Rate (Salary)	R	I	A	S	E	C
Coating, Painting, and Spraying Machine Setters, Operators, and Tenders*	\$15 (\$31K)	●	●				●
Cutting and Slicing Machine Setters, Operators, and Tenders*	\$15 (\$31K)	●					●
Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers* +	\$16 (\$33K)						
First-Line Supervisors of Production and Operating Workers*	\$19 (\$40K)	●				●	●
Industrial Machinery Mechanics*	\$24 (\$50K)	●	●				●
Machinists*	\$17 (\$35K)	●	●				●
Maintenance and Repair Workers, General*	\$17 (\$35K)	●	●				●
Mixing and Blending Machine Setters, Operators, and Tenders*	\$17 (\$35K)	●	●				●
Packaging and Filling Machine Operators and Tenders*	\$15 (\$31K)	●					●
Print Binding and Finishing Workers*	\$15 (\$31K)	●					●
Production Workers, All Other* +	\$17 (\$35K)						
Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders*	\$17 (\$35K)	●	●				●
Sheet Metal Workers	\$23 (\$48K)	●					
Welders, Cutters, Solderers, and Brazers*	\$18 (\$37K)	●	●				●
SOME COLLEGE OR POSTSECONDARY NON-DEGREE AWARD							
Aircraft Mechanics and Service Technicians*	\$28 (\$58K)	●	●				●
Computer, Automated Teller, and Office Machine Repairers*	\$26 (\$54K)	●	●				●
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay*	\$48 (\$100K)	●					●
ASSOCIATE DEGREE							
Civil Engineering Technologists and Technicians	\$27 (\$56K)	●	●				●
Electrical and Electronic Engineering Technologists and Technicians*	\$27 (\$56K)	●	●				●
Engineering Technologists and Technicians, Except Drafters, All Other* +	\$39 (\$81K)						
BACHELOR'S DEGREE OR HIGHER							
Civil Engineers*	\$32 (\$67K)	●	●				●
Computer Hardware Engineers	\$45 (\$94K)	●	●				●
Electrical Engineers*	\$41 (\$85K)	●	●				
Electronics Engineers, Except Computer Engineers, All Other +	\$49 (\$102K)	●	●				
Industrial Engineers	\$37 (\$77K)		●			●	●
Industrial Production Managers	\$47 (\$98K)					●	●

\*Nationally, 33% or more of workers currently employed in this occupation have an associate degree or less.

+ These occupations represent a wide range of characteristics and therefore do not have RIASEC details.





# ADVANCED TRANSPORTATION & LOGISTICS

The Advanced Transportation & Logistics sector ensures that people and things get to the right place, at the right time, and for the right price. Using cutting-edge technologies and processes, people in this sector are called on to move people and products from point A to point B by air, land, and sea. It takes people with all different talents, skills, backgrounds, and training to keep things moving. Areas of projected market growth include the use of Global Positioning Systems (GPS), Geographic Information Systems (GIS), Radio Frequency Identification (RFID), developments in rocket technology, drones, hydrogen fuel-cell technology, autonomy, connected vehicles, and electric vehicles. The industry offers diverse job opportunities, spanning from technical to managerial roles.



## Sample Employers:

Central Transport

K&M Press Inc.

KOH Logistics

Penske Truck Leasing and Logistics

SunTerra Produce

Transdev North America, Inc.

United Parcel Service of America, Inc.

## CAREER EDUCATION GUIDE



## IMPERIAL COUNTY FAST FACTS\*



**\$56,712**

average earnings per job



**3,941**

people employed



**8% (334)**

5-year projected job growth



**356**

businesses

\*Labor market data derived from Lightcast 2023.3; QCEW, Non-QCEW, Self-Employed; 2022-2027 projections.



## ADVANCED TRANSPORTATION & LOGISTICS | JOBS & WAGES

The following table lists the **minimum** educational attainment that an individual needs to have in order to be qualified for the occupation. Wages listed for each occupation are based on 25th percentile wages, which represent wages for entry-level workers. Only occupations with entry annual salaries of at least \$31,200 (i.e., living wage) and a labor market demand of at least three annual job openings are included in this list. Any job with “All Other” in the title is an occupation with highly specialized subsets; put differently, the title is written broadly to capture various emerging occupations.

NO FORMAL EDUCATIONAL CREDENTIAL + ADDITIONAL TRAINING	Entry-level Hourly Rate (Salary)	R	I	A	S	E	C
Bus Drivers, School* +	\$22 (\$46K)						
Conveyor Operators and Tenders*	\$16 (\$33K)	●					●
Industrial Truck and Tractor Operators*	\$16 (\$33K)	●					●
HIGH SCHOOL DIPLOMA OR EQUIVALENT + ADDITIONAL TRAINING							
Airfield Operations Specialists*	\$29 (\$60K)	●	●			●	●
Automotive Body and Related Repairers*	\$15 (\$31K)	●					
Bus and Truck Mechanics and Diesel Engine Specialists*	\$16 (\$33K)	●					●
Bus Drivers, Transit and Intercity*	\$27 (\$56K)	●			●		
Cargo and Freight Agents	\$17 (\$35K)	●				●	●
Commercial Pilots*	\$36 (\$75K)	●	●			●	
Farm Equipment Mechanics and Service Technicians*	\$19 (\$40K)	●	●				●
First-Line Supervisors of Mechanics, Installers, and Repairers*	\$29 (\$60K)	●				●	●
First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors* +	\$20 (\$42K)						
Gas Compressor and Gas Pumping Station Operators*	\$18 (\$37K)	●					●
Light Truck Drivers*	\$16 (\$33K)	●					●
Mobile Heavy Equipment Mechanics, Except Engines*	\$24 (\$50K)	●					●
Production, Planning, and Expediting Clerks	\$20 (\$42K)					●	●
Shipping, Receiving, and Inventory Clerks*	\$16 (\$33K)	●				●	●
Stockers and Order Fillers*	\$16 (\$33K)	●				●	●
Transportation Inspectors*	\$22 (\$46K)	●				●	●
Transportation, Storage, and Distribution Managers*	\$28 (\$58K)	●				●	●
SOME COLLEGE OR POSTSECONDARY NON-DEGREE AWARD							
Audiovisual Equipment Installers and Repairers*	\$16 (\$33K)	●					●
Automotive Service Technicians and Mechanics*	\$16 (\$33K)	●	●				●
Heavy and Tractor-Trailer Truck Drivers*	\$17 (\$35K)	●					●
BACHELOR'S DEGREE OR HIGHER							
Buyers and Purchasing Agents* +	\$22 (\$46K)						
Logisticians	\$31 (\$64K)					●	●

\*Nationally, 33% or more of workers currently employed in this occupation have an associate degree or less.

+ These occupations represent a wide range of characteristics and therefore do not have RIASEC details.



# AGRICULTURE, WATER, & ENVIRONMENTAL TECHNOLOGIES



As California’s population continues to grow, the state’s agricultural, water, and environmental resources are more important than ever. Agriculture alone is a \$49 billion-dollar industry in California, making the state the most prolific agricultural producer in the U.S. To meet the growing demand for these resources, companies are rapidly adopting new technologies and sustainable practices, and need workers to drive improvements in the sector. Careers in this sector range from turf management at municipal golf courses to research in biological sciences. Employees may work in a lab, on a farm, ranch, dairy, orchard, greenhouse, plant nursery, or in a veterinary office.

## Sample Employers:

Clairemont Equipment Co.

Comite Civico Del Valle (CCV), Inc.

Imperial Irrigation District (IID)

Imperial Water Treatment Plant

John Benson Farms, Inc.

Jordan Central Implement Co.

Krone America, LLC

New Energy Nexus (NEX)

RDO Equipment Co.

Top Notch Seeds, Inc.

U.S. Bureau of Land Management

Vail Ranches, LLC

Vessey & Company, Inc.

Wilbur-Ellis Holdings, Inc.

## CAREER EDUCATION GUIDE



## IMPERIAL COUNTY FAST FACTS\*



**\$49,835**

average earnings per job



**11,686**

people employed



**-2% (-272)**

5-year projected job growth^



**370**

businesses

\*Labor market data derived from Lightcast 2023.3; QCEW, Non-QCEW, Self-Employed; 2022-2027 projections.

^ Please note that job growth/ decline does not equal labor market demand; demand is represented by annual job openings





# AGRICULTURE, WATER, & ENVIRONMENTAL TECHNOLOGIES | JOBS & WAGES

The following table lists the **minimum** educational attainment that an individual needs to have in order to be qualified for the occupation. Wages listed for each occupation are based on 25th percentile wages, which represent wages for entry-level workers. Only occupations with entry annual salaries of at least \$31,200 (i.e., living wage) and a labor market demand of at least three annual job openings are included in this list. Any job with “All Other” in the title is an occupation with highly specialized subsets; put differently, the title is written broadly to capture various emerging occupations.

NO FORMAL EDUCATIONAL CREDENTIAL + ADDITIONAL TRAINING	Entry-level Hourly Rate (Salary)	R	I	A	S	E	C
Continuous Mining Machine Operators*	\$31 (\$64K)	●	●				●
HIGH SCHOOL DIPLOMA OR EQUIVALENT + ADDITIONAL TRAINING							
Excavating and Loading Machine and Dragline Operators, Surface Mining*	\$22 (\$46K)	●					
First-Line Supervisors of Farming, Fishing, and Forestry Workers*	\$16 (\$33K)	●				●	●
Pest Control Workers	\$18 (\$37K)	●					●
Stationary Engineers and Boiler Operators*	\$22 (\$46K)	●	●				●
Tree Trimmers and Pruners*	\$21 (\$44K)	●					
Water and Wastewater Treatment Plant and System Operators*	\$29 (\$60K)	●					●
ASSOCIATE DEGREE							
Agricultural Technicians*	\$17 (\$35K)	●	●				●
Forest and Conservation Technicians*	\$22 (\$46K)	●	●			●	
BACHELOR'S DEGREE OR HIGHER							
Agricultural Inspectors*	\$16 (\$33K)	●	●				●
Environmental Scientists and Specialists, Including Health	\$39 (\$81K)	●	●				●

\*Nationally, 33% or more of workers currently employed in this occupation have an associate degree or less.

+ These occupations represent a wide range of characteristics and therefore do not have RIASEC details.



# BUSINESS & ENTREPRENEURSHIP



Every company, regardless of its industry or size, needs people to manage personnel, sell products, and account for finances. There is a high demand across various industries for professionals trained in business management, banking, marketing, and customer service. These skills are fundamental components of the global economy and are highly marketable. Professionals seeking to run their own businesses including independent contractors and digital platform workers will find that financial literacy, management, communication, and customer service skills are essential when it comes to entrepreneurial pursuits. Expertise in these areas provide a strong foundation for professional growth and success. The Business & Entrepreneurship sector is poised for continued growth and evolution driven by advances in technology, market globalization, and the expansion of banking and investment institutions around the world. Individuals with a wide range of versatile business skills are well positioned to obtain rewarding and diverse career opportunities.

## Sample of Employers, Local Associations, Chambers & Employer Resources:

Farmers Insurance  
 First Foundation Bank  
 Garlan's, Inc  
 Hutchinson and Bloodgood LLP

Imperial Valley Economic Development Corporation  
 Imperial Valley Regional Chamber of Commerce  
 Imperial Valley Small Business Development Center  
 Payless Auto Insurance Broker  
 Stewart Title of California, Inc.  
 Wells Fargo

## CAREER EDUCATION GUIDE



## IMPERIAL COUNTY FAST FACTS\*



**\$48,561**

average earnings per job



**5,721**

people employed



**11% (629)**

5-year projected job growth



**560**

businesses

\*Labor market data derived from Lightcast 2023.3; QCEW, Non-QCEW, Self-Employed; 2022-2027 projections.



## BUSINESS & ENTREPRENEURSHIP | JOBS & WAGES

The following table lists the **minimum** educational attainment that an individual needs to have in order to be qualified for the occupation. Wages listed for each occupation are based on 25th percentile wages, which represent wages for entry-level workers. Only occupations with entry annual salaries of at least \$31,200 (i.e., living wage) and a labor market demand of at least three annual job openings are included in this list. Any job with “All Other” in the title is an occupation with highly specialized subsets; put differently, the title is written broadly to capture various emerging occupations.

HIGH SCHOOL DIPLOMA OR EQUIVALENT + ADDITIONAL TRAINING	Entry-level Hourly Rate (Salary)	R	I	A	S	E	C
Billing and Posting Clerks	\$18 (\$37K)				●	●	●
Customer Service Representatives	\$16 (\$33K)				●	●	●
Executive Secretaries and Executive Administrative Assistants*	\$28 (\$58K)					●	●
First-Line Supervisors of Office and Administrative Support Workers*	\$22 (\$46K)				●	●	●
Information and Record Clerks, All Other +	\$18 (\$37K)						
Insurance Sales Agents	\$17 (\$35K)				●	●	●
Office and Administrative Support Workers, All Other +	\$17 (\$35K)						
Payroll and Timekeeping Clerks	\$16 (\$33K)					●	●
Property, Real Estate, and Community Association Managers	\$20 (\$42K)					●	●
Real Estate Sales Agents	\$16 (\$33K)					●	●
Sales and Related Workers, All Other*	\$17 (\$35K)						
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	\$22 (\$46K)					●	●
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	\$18 (\$37K)					●	●
Switchboard Operators, Including Answering Service*	\$15 (\$31K)				●	●	●
Tellers	\$16 (\$33K)					●	●
SOME COLLEGE OR POSTSECONDARY NON-DEGREE AWARD							
Bookkeeping, Accounting, and Auditing Clerks	\$17 (\$35K)					●	●
BACHELOR'S DEGREE OR HIGHER							
Business Operations Specialists, All Other +	\$25 (\$52K)						
Buyers and Purchasing Agents* +	\$22 (\$46K)						
Chief Executives	\$46 (\$96K)					●	●
Compensation, Benefits, and Job Analysis Specialists	\$23 (\$48K)					●	●
Compliance Officers*	\$30 (\$62K)				●	●	●
Financial Managers	\$41 (\$85K)				●	●	●
Human Resources Specialists	\$24 (\$50K)				●	●	●
Lawyers*	\$40 (\$83K)	●				●	
Management Analysts	\$29 (\$60K)	●				●	●
Managers, All Other* +	\$38 (\$79K)						
Market Research Analysts and Marketing Specialists	\$21 (\$44K)	●				●	●
Marketing Managers*	\$52 (\$108K)					●	●
Project Management Specialists +	\$32 (\$67K)						
Sales Managers	\$27 (\$56K)					●	●
Securities, Commodities, and Financial Services Sales Agents	\$22 (\$46K)				●	●	●
Training and Development Specialists	\$20 (\$42K)			●	●		●

\*Nationally, 33% or more of workers currently employed in this occupation have an associate degree or less.

+ These occupations represent a wide range of characteristics and therefore do not have RIASEC details.





# EDUCATION & HUMAN DEVELOPMENT

Education and Human Development include a wide range of disciplines and career pathways, including early care and education, preschool and childcare programs, TK (Transitional Kindergarten), elementary and secondary education, special education, educational administration, school psychology, adaptive physical education, speech and language therapy, occupational therapy, child and family advocacy, child life specialists, counseling and social work. Employment in the human services sector is broadly defined and multidisciplinary but has at its core a focus on human relationships, prevention and remediation of problems, and a commitment to improving overall quality of life.



## Sample Employers:

Imperial County Office of Education  
Imperial Valley College  
K12 School Districts in Imperial County

## CAREER EDUCATION GUIDE



## IMPERIAL COUNTY FAST FACTS\*



**\$21,502**

average earnings per job



**7,850**

people employed



**23% (1,813)**

5-year projected job growth



**5,247**

businesses

\*Labor market data derived from Lightcast 2023.3; QCEW, Non-QCEW, Self-Employed; 2022-2027 projections.



## EDUCATION & HUMAN DEVELOPMENT | JOBS & WAGES

The following table lists the **minimum** educational attainment that an individual needs to have in order to be qualified for the occupation. Wages listed for each occupation are based on 25th percentile wages, which represent wages for entry-level workers. Only occupations with entry annual salaries of at least \$31,200 (i.e., living wage) and a labor market demand of at least three annual job openings are included in this list. Any job with “All Other” in the title is an occupation with highly specialized subsets; put differently, the title is written broadly to capture various emerging occupations.

EDUCATIONAL ATTAINMENT	Entry-level Hourly Rate (Salary)	R	I	A	S	E	C
<b>HIGH SCHOOL DIPLOMA OR EQUIVALENT + ADDITIONAL TRAINING</b>							
Self-Enrichment Teachers*	\$17 (\$35K)			●	●	●	
<b>SOME COLLEGE OR POSTSECONDARY NON-DEGREE AWARD</b>							
Teaching Assistants, Except Postsecondary* +	\$17 (\$35K)						
<b>ASSOCIATE DEGREE</b>							
Preschool Teachers, Except Special Education*	\$16 (\$33K)			●	●		
<b>BACHELOR'S DEGREE OR HIGHER</b>							
Child, Family, and School Social Workers*	\$22 (\$46K)				●	●	
Clinical and Counseling Psychologists	\$36 (\$75K)		●	●	●		
Community and Social Service Specialists, All Other* +	\$16 (\$33K)						
Education Administrators, Kindergarten through Secondary*	\$58 (\$121K)				●	●	●
Educational Instruction and Library Workers, All Other* +	\$19 (\$40K)						
Educational, Guidance, and Career Counselors and Advisors*	\$18 (\$37K)				●		
Elementary School Teachers, Except Special Education*	\$38 (\$79K)			●	●		●
Health Education Specialists*	\$20 (\$42K)				●	●	
Instructional Coordinators*	\$24 (\$50K)		●	●	●	●	
Middle School Teachers, Except Special and Career/Technical Education*	\$36 (\$75K)			●	●		
Postsecondary Teachers* +	\$42 (\$87K)						
School Psychologists	\$49 (\$102K)		●		●		
Secondary School Teachers, Except Special and Career/Technical Education*	\$35 (\$73K)			●	●	●	
Special Education Teachers, All Other* +	\$31 (\$64K)						
Special Education Teachers, Kindergarten and Elementary School* +	\$32 (\$67K)						
Substitute Teachers, Short-Term* +	\$19 (\$40K)						
Teachers and Instructors, All Other* +	\$24 (\$50K)						
Tutors*	\$15 (\$31K)		●		●		

\*Nationally, 33% or more of workers currently employed in this occupation have an associate degree or less.

+ These occupations represent a wide range of characteristics and therefore do not have RIASEC details.



# ENERGY, CONSTRUCTION, & UTILITIES

The Energy, Construction, and Utilities sector is a diverse and critical part of the global economy. It encompasses the creation of physical structures, the production and distribution of energy, and the provision of essential utilities, all of which have significant impacts on society, the environment, and economic development. This sector is evolving to embrace sustainability and cleaner energy sources to address environmental concerns and meet future energy demands.



## Sample Employers:

Clean Rite Drain & Plumbing Service  
 Controlled Thermal Resources Holdings, Inc.  
 EnergySource LLC  
 Erickson Hall Construction Company  
 Granite Construction Company

Imperial Irrigation District (IID)  
 MidAmerican Renewables  
 Ormat Technologies, Inc.  
 Rain for Rent®

## CAREER EDUCATION GUIDE



## IMPERIAL COUNTY FAST FACTS\*



**\$75,031**

average earnings per job



**3,724**

people employed



**11% (426)**

5-year projected job growth



**227**

businesses

\*Labor market data derived from Lightcast 2023.3; QCEW, Non-QCEW, Self-Employed; 2022-2027 projections.



## ENERGY, CONSTRUCTION, & UTILITIES | JOBS & WAGES

The following table lists the **minimum** educational attainment that an individual needs to have in order to be qualified for the occupation. Wages listed for each occupation are based on 25th percentile wages, which represent wages for entry-level workers. Only occupations with entry annual salaries of at least \$31,200 (i.e., living wage) and a labor market demand of at least three annual job openings are included in this list. Any job with “All Other” in the title is an occupation with highly specialized subsets; put differently, the title is written broadly to capture various emerging occupations.

NO FORMAL EDUCATIONAL CREDENTIAL + ADDITIONAL TRAINING	Entry-level Hourly Rate (Salary)	R	I	A	S	E	C
Cement Masons and Concrete Finishers	\$22 (\$46K)	●				●	
Construction Laborers	\$17 (\$35K)	●					●
Drywall and Ceiling Tile Installers	\$20 (\$42K)	●					●
Floor Layers, Except Carpet, Wood, and Hard Tiles	\$15 (\$31K)	●					●
Floor Sanders and Finishers	\$23 (\$48K)	●					
HIGH SCHOOL DIPLOMA OR EQUIVALENT + ADDITIONAL TRAINING							
Carpenters*	\$17 (\$35K)	●	●				●
Construction and Building Inspectors*	\$24 (\$50K)	●	●				●
Electricians	\$21 (\$44K)	●	●				●
First-Line Supervisors of Construction Trades and Extraction Workers	\$27 (\$56K)	●				●	●
Glaziers	\$19 (\$40K)	●					●
Highway Maintenance Workers*	\$18 (\$37K)	●					●
Installation, Maintenance, and Repair Workers, All Other* +	\$17 (\$35K)						
Operating Engineers and Other Construction Equipment Operators	\$22 (\$46K)	●	●				●
Pile Driver Operators	\$38 (\$79K)	●	●				●
Plumbers, Pipefitters, and Steamfitters	\$22 (\$46K)	●	●				●
Power Plant Operators*	\$36 (\$75K)	●					●
Reinforcing Iron and Rebar Workers	\$25 (\$52K)	●	●				●
Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel +	\$21 (\$44K)						
SOME COLLEGE OR POSTSECONDARY NON-DEGREE AWARD							
Heating, Air Conditioning, and Refrigeration Mechanics and Installers*	\$21 (\$44K)	●	●				●
ASSOCIATE DEGREE							
Electrical and Electronic Engineering Technologists and Technicians*	\$27 (\$56K)	●	●				●
BACHELOR'S DEGREE OR HIGHER							
Architectural and Engineering Managers	\$50 (\$104K)	●	●			●	
Construction Managers*	\$18 (\$37K)	●				●	●

\*Nationally, 33% or more of workers currently employed in this occupation have an associate degree or less.

+ These occupations represent a wide range of characteristics and therefore do not have RIASEC details.





# HEALTH

The Health sector is projected to grow due to an aging population, particularly in California where it is a rapidly expanding sector employing 1.7 million professionals. Contrary to expectation, doctors and nurses constitute less than 40% of healthcare workers, with allied health professionals comprising 60%. Diverse career options exist, spanning 30+ occupations such as nursing, research, diagnostics, support, physical therapy, and health informatics. Opportunities thrive across all segments, especially for roles like Certified Nursing Assistants, Home Health Aides, Licensed Vocational Nurses, and Registered Nurses. These opportunities lead to impactful careers and job security even during economic downturns.



## Sample Employers:

AccentCare Home Health  
 Calipatria State Prison  
 Centinela State Prison  
 El Centro Regional Medical Center  
 Fresenius Medical Care

Imperial County Behavioral Health Services  
 Imperial Valley Family Care Medical Group  
 Inncare  
 Pioneers Memorial Healthcare  
 Spine & Sport Physical Therapy-El Centro

Sun Valley Research Center  
 Vo Medical Center  
 Western Dental & Orthodontics

## CAREER EDUCATION GUIDE



## IMPERIAL COUNTY FAST FACTS\*



**\$67,560**

average earnings per job



**3,102**

people employed



**19% (577)**

5-year projected job growth



**204**

businesses

\*Labor market data derived from Lightcast 2023.3; QCEW, Non-QCEW, Self-Employed; 2022-2027 projections.



## HEALTH | JOBS & WAGES

The following table lists the **minimum** educational attainment that an individual needs to have in order to be qualified for the occupation. Wages listed for each occupation are based on 25th percentile wages, which represent wages for entry-level workers. Only occupations with entry annual salaries of at least \$31,200 (i.e., living wage) and a labor market demand of at least three annual job openings are included in this list. Any job with “All Other” in the title is an occupation with highly specialized subsets; put differently, the title is written broadly to capture various emerging occupations.

HIGH SCHOOL DIPLOMA OR EQUIVALENT + ADDITIONAL TRAINING	Entry-level Hourly Rate (Salary)	R	I	A	S	E	C
Community Health Workers*	\$17 (\$35K)		●		●	●	
Medical Equipment Preparers*	\$25 (\$52K)	●	●				●
Medical Secretaries and Administrative Assistants	\$16 (\$33K)				●		●
Pharmacy Technicians*	\$18 (\$37K)	●					●
Physical Therapist Aides*	\$20 (\$42K)	●			●		
Residential Advisors*	\$16 (\$33K)				●	●	●
Social and Human Service Assistants*	\$17 (\$35K)				●	●	●
SOME COLLEGE OR POSTSECONDARY NON-DEGREE AWARD							
Dental Assistants*	\$21 (\$44K)	●			●		●
Emergency Medical Technicians* +	\$17 (\$35K)						
Licensed Practical and Licensed Vocational Nurses*	\$29 (\$60K)	●			●		
Medical Assistants*	\$16 (\$33K)	●			●		●
Medical Records Specialists* +	\$16 (\$33K)						
Medical Transcriptionists*	\$21 (\$44K)	●					●
Nursing Assistants*	\$16 (\$33K)	●			●		●
Phlebotomists*	\$17 (\$35K)	●	●		●		●
Surgical Technologists*	\$24 (\$50K)	●			●		●
ASSOCIATE DEGREE							
Radiologic Technologists and Technicians*	\$38 (\$79K)	●			●		●
Respiratory Therapists*	\$31 (\$64K)	●	●		●		
BACHELOR'S DEGREE OR HIGHER							
Clinical Laboratory Technologists and Technicians* +	\$21 (\$44K)						
Dietitians and Nutritionists*	\$31 (\$64K)		●		●		
General Internal Medicine Physicians*	\$43 (\$89K)	●	●		●		
Healthcare Social Workers*	\$25 (\$52K)		●		●		
Marriage and Family Therapists*	\$17 (\$35K)		●	●	●		
Medical and Health Services Managers	\$36 (\$75K)				●	●	●
Mental Health and Substance Abuse Social Workers*	\$23 (\$48K)		●	●	●		
Nurse Practitioners*	\$62 (\$129K)	●	●		●		
Occupational Health and Safety Specialists*	\$31 (\$64K)		●				●
Occupational Therapists*	\$15 (\$31K)		●		●		
Orthopedic Surgeons, Except Pediatric* +	\$104 (\$216K)						
Pharmacists*	\$63 (\$131K)		●		●		●
Physical Therapists*	\$44 (\$92K)	●	●		●		
Physician Assistants*	\$59 (\$123K)	●	●		●		
Registered Nurses*	\$40 (\$83K)		●		●		●
Rehabilitation Counselors*	\$19 (\$40K)		●		●		
Social and Community Service Managers*	\$25 (\$52K)				●	●	
Speech-Language Pathologists*	\$37 (\$77K)		●	●	●		

\*Nationally, 33% or more of workers currently employed in this occupation have an associate degree or less.

+ These occupations represent a wide range of characteristics and therefore do not have RIASEC details.



# INFORMATION & COMMUNICATION TECHNOLOGIES (ICT) & DIGITAL MEDIA



As companies continue to use new and emerging technologies, the demand for technologically savvy and creative professionals will continue to grow. Jobs in the ICT and Digital Media sector tend to be constantly changing and require a combination of imaginative and hands-on skills. Professionals in this sector must be able to work both independently and collaboratively.

ICT and Digital Media students learn about the design, development, maintenance, and management of hardware, software, multimedia, and systems integration services. Because of the central role that technology plays in all industries, ICT professionals are and will continue to be in great demand in every sector of the economy. Specific areas of future growth are likely to surface in cloud computing, collection and storage of big data, and information security (for example, cybersecurity).

## Sample Employers:

Conveyor Group	Novohit
Entravision Communications	T-Mobile
Imperial Valley Press	Time Warner Cable
Lab135, LLC.	

## CAREER EDUCATION GUIDE



## IMPERIAL COUNTY FAST FACTS\*



**\$58,452**

average earnings per job



**445**

people employed



**6% (27)**

5-year projected job growth



**44**

businesses

\*Labor market data derived from Lightcast 2023.3; QCEW, Non-QCEW, Self-Employed; 2022-2027 projections.



## ICT & DIGITAL MEDIA | JOBS & WAGES

The following table lists the **minimum** educational attainment that an individual needs to have in order to be qualified for the occupation. Wages listed for each occupation are based on 25th percentile wages, which represent wages for entry-level workers. Only occupations with entry annual salaries of at least \$31,200 (i.e., living wage) and a labor market demand of at least three annual job openings are included in this list. Any job with “All Other” in the title is an occupation with highly specialized subsets; put differently, the title is written broadly to capture various emerging occupations.

EDUCATIONAL ATTAINMENT	Entry-level Hourly Rate (Salary)	R	I	A	S	E	C
<b>HIGH SCHOOL DIPLOMA OR EQUIVALENT + ADDITIONAL TRAINING</b>							
Electrical Power-Line Installers and Repairers*	\$33 (\$69K)	●	●				●
Telecommunications Line Installers and Repairers*	\$39 (\$81K)	●				●	
<b>SOME COLLEGE OR POSTSECONDARY NON-DEGREE AWARD</b>							
Computer User Support Specialists	\$22 (\$46K)	●	●				●
Telecommunications Equipment Installers and Repairers, Except Line Installers*	\$29 (\$60K)	●	●				●
<b>ASSOCIATE DEGREE</b>							
Computer Network Support Specialists	\$25 (\$52K)	●				●	●
<b>BACHELOR'S DEGREE OR HIGHER</b>							
Computer and Information Systems Managers	\$49 (\$102K)		●			●	●
Computer Occupations, All Other* +	\$24 (\$50K)						
Computer Systems Analysts	\$38 (\$79K)	●	●				●
Data Scientists +	\$30 (\$62K)						
Editors*	\$39 (\$81K)			●		●	●
Graphic Designers*	\$18 (\$37K)	●		●		●	
Network and Computer Systems Administrators	\$30 (\$62K)	●	●				●
Public Relations Specialists*	\$28 (\$58K)			●	●	●	
Software Developers +	\$42 (\$87K)						
Software Quality Assurance Analysts and Testers*	\$37 (\$77K)	●	●				●

\*Nationally, 33% or more of workers currently employed in this occupation have an associate degree or less.

+ These occupations represent a wide range of characteristics and therefore do not have RIASEC details.





# LIFE SCIENCES & BIOTECHNOLOGY

Life Sciences & Biotechnology is a sector comprising professional, scientific and technical industries. Life sciences are the study of living organisms and life processes; using living cells to produce something else. Biotechnology is a subsector of the life sciences industry, and encompasses processes like growing food, making medicines and developing vaccines. Biotech companies use biology to develop new products, methods and organisms intended to improve human health. Life science organizations in California expanded employment by 6.0 percent in 2022, which outpaced all other industries in California.



## Sample Employers:

Animal and Plant Health Inspection Service  
BHE Renewables  
Grifols, S.A.  
Imperial County Environmental Health

Laboratory Corporation of America  
Viridos, Inc.

## CAREER EDUCATION GUIDE



## IMPERIAL COUNTY FAST FACTS\*



**\$58,440**

average earnings per job



**518**

people employed



**24% (126)**

5-year projected job growth



**37**

businesses

\*Labor market data derived from Lightcast 2023.3; QCEW, Non-QCEW, Self-Employed; 2022-2027 projections.



## LIFE SCIENCES & BIOTECHNOLOGY | JOBS & WAGES

The following table lists the **minimum** educational attainment that an individual needs to have in order to be qualified for the occupation. Wages listed for each occupation are based on 25th percentile wages, which represent wages for entry-level workers. Only occupations with entry annual salaries of at least \$31,200 (i.e., living wage) and a labor market demand of at least two annual job openings are included in this list. Any job with “All Other” in the title is an occupation with highly specialized subsets; put differently, the title is written broadly to capture various emerging occupations.

EDUCATIONAL ATTAINMENT	Entry-level Hourly Rate (Salary)	R	I	A	S	E	C
<b>HIGH SCHOOL DIPLOMA OR EQUIVALENT + ADDITIONAL TRAINING</b>							
Inspectors, Testers, Sorters, Samplers, and Weighers*	\$16 (\$33K)	●					●
<b>BACHELOR'S DEGREE OR HIGHER</b>							
Biochemists and Biophysicists*	\$56 (\$116K)	●	●	●			
Biological Scientists, All Other* +	\$30 (\$62K)						
Clinical Laboratory Technologists and Technicians* +	\$21 (\$44K)						
Materials Scientists	\$35 (\$73K)	●	●				
Urban and Regional Planners	\$44 (\$92K)		●	●		●	
Zoologists and Wildlife Biologists*	\$35 (\$73K)	●	●				

\*Nationally, 33% or more of workers currently employed in this occupation have an associate degree or less.

+ These occupations represent a wide range of characteristics and therefore do not have RIASEC details.



# PUBLIC SAFETY & GOVERNMENT



Public safety and government are always in need of qualified candidates. Many employers in this industry have a list of skills in demand, which include communication skills, creativity, critical thinking, detail-oriented, leadership, multi-tasking, organizational skills, planning, positive disposition, problem solving, and teamwork/collaboration. Public safety is also categorized as a recession-resilient job, which has annual openings at or above the regional average. Public safety and government is not limited to first responders, with many pursuing other career possibilities in related fields such as the security industry, law enforcement, custody & corrections (probation & parole), court systems, animal control, postal service, private investigation, public safety dispatch, to name a few.

## Sample Employers:

California Department of Corrections and Rehabilitation  
 Employment Development Department (EDD) – El Centro Office  
 Imperial Code Enforcement Department  
 Imperial County Health Department  
 The Imperial County Sheriff's Office

Imperial County Workforce Development Board  
 Naval Air Facility El Centro  
 U.S. Bureau of Land Management  
 U.S. Customs and Border Protection  
 U.S. Department of Homeland Security

## CAREER EDUCATION GUIDE



## IMPERIAL COUNTY FAST FACTS\*



**\$94,289**

average earnings per job



**19,998**

people employed



**9% (1,724)**

5-year projected job growth



**296**

businesses

\*Labor market data derived from Lightcast 2023.3; QCEW, Non-QCEW, Self-Employed; 2022-2027 projections.



## PUBLIC SAFETY & GOVERNMENT | JOBS & WAGES

The following table lists the **minimum** educational attainment that an individual needs to have in order to be qualified for the occupation. Wages listed for each occupation are based on 25th percentile wages, which represent wages for entry-level workers. Only occupations with entry annual salaries of at least \$31,200 (i.e., living wage) and a labor market demand of at least three annual job openings are included in this list. Any job with “All Other” in the title is an occupation with highly specialized subsets; put differently, the title is written broadly to capture various emerging occupations.

NO FORMAL EDUCATIONAL CREDENTIAL + ADDITIONAL TRAINING	Entry-level Hourly Rate (Salary)	R	I	A	S	E	C
Crossing Guards and Flaggers	\$16 (\$33K)	●			●	●	
<b>HIGH SCHOOL DIPLOMA OR EQUIVALENT + ADDITIONAL TRAINING</b>							
Correctional Officers and Jailers*	\$42 (\$87K)	●				●	●
Court, Municipal, and License Clerks	\$20 (\$42K)				●	●	●
Detectives and Criminal Investigators*	\$44 (\$92K)	●	●			●	●
Dispatchers, Except Police, Fire, and Ambulance	\$17 (\$35K)	●				●	●
Eligibility Interviewers, Government Programs	\$23 (\$48K)				●	●	●
First-Line Supervisors of Correctional Officers*	\$51 (\$106K)	●				●	●
First-Line Supervisors of Police and Detectives*	\$60 (\$125K)				●	●	●
Library Assistants, Clerical*	\$16 (\$33K)	●			●		●
Police and Sheriff's Patrol Officers*	\$28 (\$58K)	●			●	●	
Postal Service Clerks	\$25 (\$52K)	●					●
Postal Service Mail Carriers*	\$19 (\$40K)	●					●
Private Detectives and Investigators*	\$22 (\$46K)					●	●
Public Safety Telecommunicators	\$21 (\$44K)	●				●	●
School Bus Monitors* +	\$15 (\$31K)						
Transportation Security Screeners*	\$25 (\$52K)	●				●	●
<b>SOME COLLEGE OR POSTSECONDARY NON-DEGREE AWARD</b>							
Firefighters*	\$17 (\$35K)	●			●	●	
Library Technicians*	\$21 (\$44K)				●	●	●
<b>BACHELOR'S DEGREE OR HIGHER</b>							
Probation Officers and Correctional Treatment Specialists*	\$30 (\$62K)				●	●	●
Interpreters and Translators*	\$20 (\$42K)			●	●		

\*Nationally, 33% or more of workers currently employed in this occupation have an associate degree or less.

+ These occupations represent a wide range of characteristics and therefore do not have RIASEC details.





# RETAIL, HOSPITALITY, & TOURISM

The Retail, Hospitality, and Tourism sector holds a pivotal role in the local economy. As it consistently adjusts to evolving consumer preferences and technological progress, it provides a wealth of job opportunities, offering employees the chance to develop skills that are not only transferable, but also enduring and essential in today's job market. Retail, Hospitality, and Tourism entry-level jobs can prepare job seekers for careers within the same sector or across industries as a stepping-stone toward diverse career aspirations and goals.



## Sample Employers:

AutoZone Auto Parts	Hibbett Sports	Pilot Travel Center
Best Buy	Imperial Valley Mall	Target
Chili's Grill and Bar	Love's Travel Stops	Walmart
Costco	Lowe's	
CVS Health	Macy's	

## CAREER EDUCATION GUIDE



## IMPERIAL COUNTY FAST FACTS\*



**\$34,207**

average earnings per job



**6,827**

people employed



**11% (769)**

5-year projected job growth



**422**

businesses

\*Labor market data derived from Lightcast 2023.3; QCEW, Non-QCEW, Self-Employed; 2022-2027 projections.



## RETAIL, HOSPITALITY, & TOURISM | JOBS & WAGES

The following table lists the **minimum** educational attainment that an individual needs to have in order to be qualified for the occupation. Wages listed for each occupation are based on 25th percentile wages, which represent wages for entry-level workers. Only occupations with entry annual salaries of at least \$31,200 (i.e., living wage) and a labor market demand of at least three annual job openings are included in this list. Any job with “All Other” in the title is an occupation with highly specialized subsets; put differently, the title is written broadly to capture various emerging occupations.

NO FORMAL EDUCATIONAL CREDENTIAL + ADDITIONAL TRAINING	Entry-level Hourly Rate (Salary)	R	I	A	S	E	C
Automotive and Watercraft Service Attendants*	\$16 (\$33K)	●					●
Butchers and Meat Cutters*	\$17 (\$35K)	●				●	●
Cooks, All Other* +	\$18 (\$37K)						
Cooks, Institution and Cafeteria*	\$17 (\$35K)	●					●
Cooks, Restaurant*	\$16 (\$33K)	●				●	
Cooks, Short Order*	\$18 (\$37K)	●					●
Counter and Rental Clerks	\$16 (\$33K)					●	●
Food Servers, Non-restaurant*	\$16 (\$33K)	●			●	●	
Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop*	\$17 (\$35K)				●	●	
HIGH SCHOOL DIPLOMA OR EQUIVALENT + ADDITIONAL TRAINING							
Baggage Porters and Bellhops	\$17 (\$35K)	●					●
Chefs and Head Cooks*	\$18 (\$37K)	●		●		●	
Coin, Vending, and Amusement Machine Servicers and Repairers*	\$18 (\$37K)	●					●
Exercise Trainers and Group Fitness Instructors	\$17 (\$35K)	●			●	●	
First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services +	\$22 (\$46K)						
First-Line Supervisors of Food Preparation and Serving Workers*	\$17 (\$35K)	●				●	●
First-Line Supervisors of Non-Retail Sales Workers	\$15 (\$31K)				●	●	●
First-Line Supervisors of Retail Sales Workers	\$17 (\$35K)				●	●	●
Food Service Managers*	\$18 (\$37K)	●			●	●	●
Merchandise Displayers and Window Trimmers*	\$17 (\$35K)	●		●		●	
Passenger Attendants*	\$17 (\$35K)	●			●	●	
Travel Agents	\$16 (\$33K)					●	●
SOME COLLEGE OR POSTSECONDARY NON-DEGREE AWARD							
Makeup Artists, Theatrical and Performance*	\$29 (\$60K)	●		●			
BACHELOR'S DEGREE OR HIGHER							
Coaches and Scouts*	\$27 (\$56K)	●			●	●	
General and Operations Managers	\$33 (\$69K)				●	●	●
Meeting, Convention, and Event Planners	\$17 (\$35K)				●	●	●
Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	\$25 (\$52K)					●	●

\*Nationally, 33% or more of workers currently employed in this occupation have an associate degree or less.

+ These occupations represent a wide range of characteristics and therefore do not have RIASEC details.



# K-12 CROSSWALK

The crosswalk below shows alignment between the San Diego and Imperial Counties Community College’s in-demand industry sectors and the corresponding K12 industry sectors. To see more details about industry sectors and pathways alignment visit <https://careered.org/#careers>



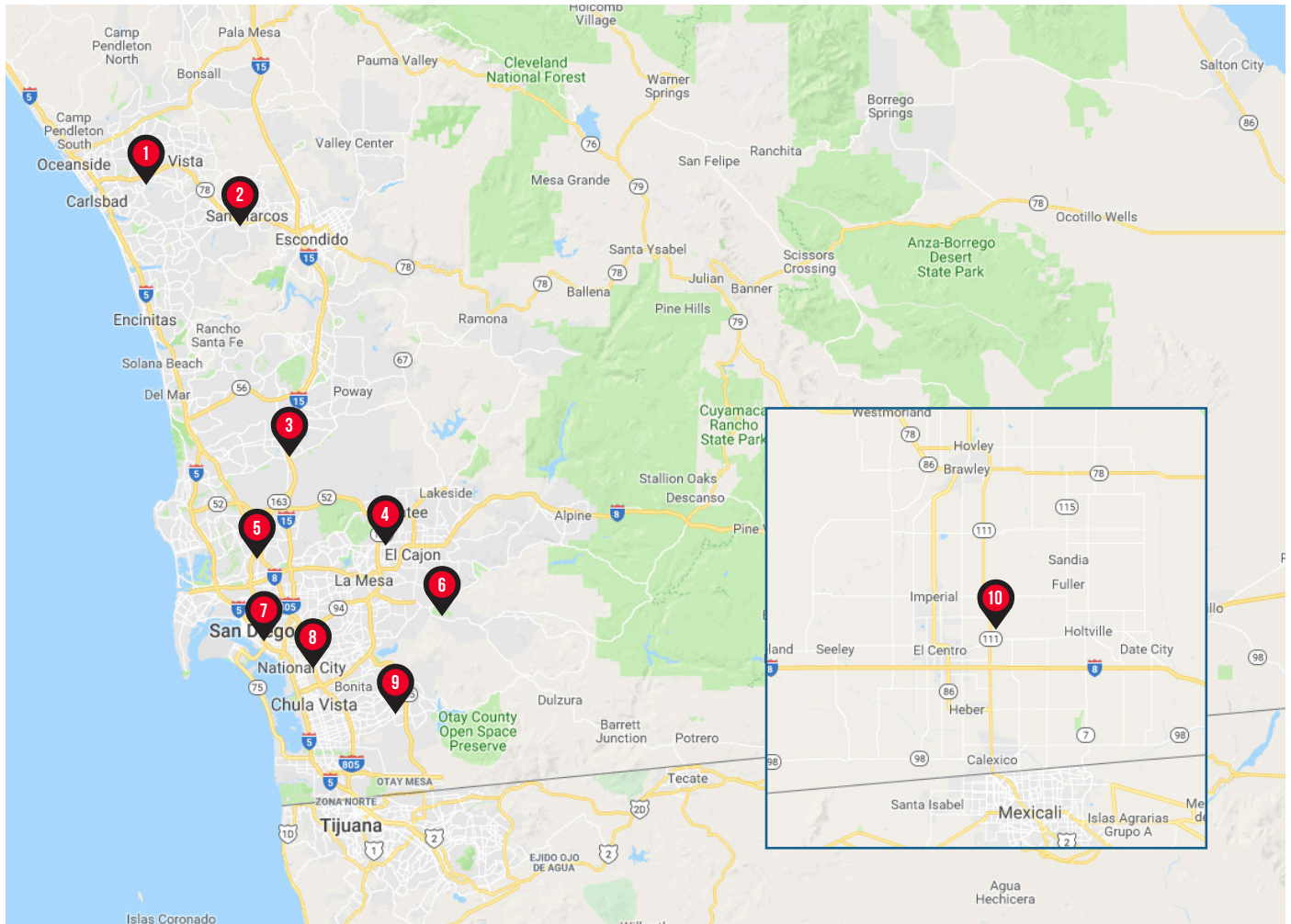
## IN-DEMAND SECTORS

- Advanced Manufacturing
- Advanced Transportation & Logistics
- Agriculture, Water, & Environmental Technologies
- Business & Entrepreneurship
- Education & Human Development
- Energy, Construction, & Utilities
- Health
- ICT & Digital Media
- Life Sciences & Biotechnology
- Public Safety & Government
- Retail, Hospitality, & Tourism

## K12 CAREER PATHWAYS

- Manufacturing & Product Design
- Transportation
- Agriculture & Natural Resources
- Business & Finance
- Marketing, Sales, & Service
- Education, Child Development, & Family Services
- Building & Construction Trades
- Energy, Environment, & Utilities
- Engineering & Architecture
- Health Science & Medical Technology
- Information & Communication Technologies
- Arts, Media, & Entertainment
- Public Services
- Hospitality, Tourism, & Recreation
- Fashion & Interior Design

# COLLEGE MAP



**1** MIRACOSTA COLLEGE  
Oceanside

**2** PALOMAR COLLEGE  
San Marcos

**3** SAN DIEGO MIRAMAR COLLEGE  
Mira Mesa

**4** GROSSMONT COLLEGE  
El Cajon

**5** SAN DIEGO MESA COLLEGE  
Clairemont Mesa

**6** CUYAMACA COLLEGE  
El Cajon

**7** SAN DIEGO CITY COLLEGE  
Downtown San Diego

**8** SAN DIEGO COLLEGE OF  
CONTINUING EDUCATION  
Across San Diego

**9** SOUTHWESTERN COLLEGE  
Chula Vista

**10** IMPERIAL VALLEY COLLEGE  
Imperial



# COLLEGE OVERVIEW

## CUYAMACA COLLEGE



### El Cajon

Situated on 165 rolling acres in scenic Rancho San Diego, Cuyamaca College opened in 1978 and serves almost 10,000 students each semester. The school in eastern San Diego County offers 91 degree programs and 74 certificates. Cuyamaca College has renowned career education programs in automotive technology, ornamental horticulture, computer and information science, and engineering.



## GROSSMONT COLLEGE



### El Cajon

Grossmont College, located on a 135-acre mesa in northwest El Cajon, has been a vital part of the community since 1961. Grossmont serves almost 19,000 full- and part-time students per semester, and offers 95 degree and 73 certificate programs. Grossmont College has highly regarded career education programs in culinary arts, nursing and health, and law enforcement.



## IMPERIAL VALLEY COLLEGE



### Imperial

In 1962, a handful of people gathered on a 160-acre plot of land in Imperial, CA. It was the first day of classes for what would become Imperial Valley College. Today, 9,000 students learn across dozens of degree, certificate and career education programs each semester. Over the past decade, Imperial Valley College has continued major modernization programs, including construction of state-of-the-art Career Education buildings and labs, and establishment of innovative educational partnerships.



## MIRACOSTA COLLEGE



### Oceanside

The MiraCosta Community College District includes Oceanside, Carlsbad, La Costa, Encinitas, Olivenhain, Rancho Santa Fe, Cardiff by the Sea, Solana Beach, Del Mar, and Carmel Valley. With its coastal location, beautiful campuses, and strong academic programs, MiraCosta College attracts students from throughout San Diego County, the state, and the country as well as from abroad. Founded in 1934, today, MiraCosta is one of a handful of California community colleges that offers a bachelor's degree. Nearly 15,000 students take class each semester, including military members and veteran community.



## PALOMAR COLLEGE



### San Marcos

Palomar College is a public, two-year community college. Its main campus is located approximately 30 miles north of downtown San Diego, in San Marcos, California. Palomar enrolls nearly 30,000 full-time and part-time students and gives you the opportunity to choose from over 200 associate degrees, complete certificate training programs, and enjoy career education classes for lifelong learning.



## SAN DIEGO CITY COLLEGE



### Downtown San Diego

For more than 100 years, City College has been a public, two-year community college serving as the educational cornerstone of downtown San Diego. The college covers 60 acres, taking up 20% of downtown's footprint. By the numbers, the school offers 250 majors and certificate programs, and conducts 1,500 classes each semester for more than 17,000 students. Explore career education at City College.



## SAN DIEGO COLLEGE OF CONTINUING EDUCATION



### Across San Diego

Founded in 1914, SDCE is the adult education division of the San Diego Community College District. SDCE provides accessible, equitable, and innovative quality education across more than 70 programs and thousands of free classes. Programs are available at seven campuses in San Diego from the Barrio Logan community in the south, to Miramar in the north. Students also attend classes at over 200 community locations.



## SAN DIEGO MESA COLLEGE



### Clairemont Mesa

As one of California's largest community colleges, Mesa College ranks as San Diego's top transfer institution, with small classes, award-winning faculty, and a reputation as the leading college of equity and excellence. Conveniently located in central San Diego, Mesa offers Career Education programs in sectors such as allied health, Geographic Information Systems (GIS), business, multimedia, hospitality, culinary arts, fashion, architecture, and interior design along with a four-year baccalaureate degree in Health Information Management.



## SAN DIEGO MIRAMAR COLLEGE



### Mira Mesa

Founded in 1969, and located in Mira Mesa, Miramar College enrolls 15,000 students annually, in both online and on-campus classes. The school offers 117 degrees and certificates across 16 career education programs. Partnerships with local industries help prepare students for high-demand and well-paying jobs in the highly-competitive labor market, including biotechnology, paralegal, aviation, automotive, diesel and advanced transportation and energies.



## SOUTHWESTERN COLLEGE



### Chula Vista

Since its inception in 1961, Southwestern College has shaped the lives of hundreds of thousands of South County students through higher education. Nestled on a 156-acre campus in the heart of Chula Vista, the school provides a supportive environment, with over 320 associate degree and certificate programs available for a highly diverse traditional and non-traditional student population. Whether your goal is a certificate, degree, transferring to a four-year college, or pursuing career education, SWC offers extensive opportunities to meet educational, career and personal improvement goals with five locations throughout the South Bay.



# ADDITIONAL RESOURCES



## California Career Center

California Career Center is a virtual counselor for career and college exploration and planning resources to help students map their futures. The Career Center is focused on students but also contains resources for counselors, teachers, and parents/guardians.  
<https://www.calcareercenter.org/>

### California Career Center-My Stuff Resume

The My Stuff Resume enables students to create and revise resumes that can also be created and revised in their California Career Center "My Stuff" student accounts. Download from the Apple App Store or Google Play Store.

### California Career Center-My Stuff Career Action Plan

The Career Action Plan enables students to create and revise Career Action Plans that can also be created and revised in their California Career Center "My Stuff" accounts. Look for "Career Action" in the Apple App Store or Google Play Store.



## California Career Zone

Career exploration and planning system designed especially for students. Jobseekers, educators, and counselors will benefit from the wealth of information on 900 occupations from the Occupational Information Network (O\*Net) database  
[www.cacareerzone.org](http://www.cacareerzone.org)



## California Community Colleges Career Coach

Discover majors and in-demand careers and education based on your interests. Take a career assessment, browse careers, or browse programs. Offers Military Search. Powered by EMSI.  
<https://ccc.emsicc.com/>



## California Community Colleges Career Education

Explore or find careers and the Community College certificates and degrees to get you there!  
<https://icangotocollege.com/careers>



## California Community Colleges My Path

CCC MyPath is a guided pathway onboarding platform that provides information and resources to incoming students, and bridges the gap between the online application and a college's local systems.  
<https://www.cccmypath.org>



## Career Surfer

Career Surfer is CalCRN's mobile application that can be downloaded for free from AppStore or Google Play. Basic information about the 900 occupations detailed on the California Career Zone.  
<https://www.calcareercenter.org/Home/Content?contentID=404>



## Career Technical Education

Career Technical Education is a program of study that involves a multiyear sequence of courses that integrates core academic knowledge with technical and occupational knowledge to provide students with a pathway to postsecondary education and careers.  
[www.cde.ca.gov/ci/ct/](http://www.cde.ca.gov/ci/ct/)



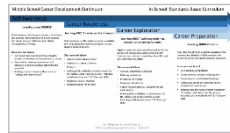
## CTE Model Curriculum Standards

The Career Technical Education (CTE) Model Curriculum Standards are designed to assist California districts and schools in developing high-quality curriculum and instruction to help ensure that students are career and college ready and to prepare them for future careers.  
<https://www.cde.ca.gov/ci/ct/sf/ctemcstandards.asp>

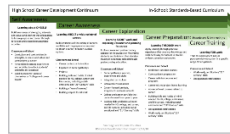


### San Diego & Imperial Regional Consortium Career Development Continuums

#### MS Career Development



#### HS Career Development



These documents describe practice along a continuum of support for students, from “self-awareness”, “career awareness”, and “career exploration”, to “career preparation” and “career training”. Each continuum describes WHAT you can do.



### San Diego & Imperial Regional Consortium Counselor Conference

Links to breakout session handouts, PowerPoints, and more.



### San Diego & Imperial Regional Consortium Resources

Resources such as research studies, archived webinars, and best practices in support of activities related to: 21st Century employability skills, career development, career exploration, career pathways, parent engagement, transitions, work-based learning. Resources are organized by topic and are searchable by type, format, and keywords. <https://myworkforceconnection.org/resources/>



### O\*NET

O\*NET is a tool for career exploration and job analysis. It has detailed descriptions of the world of work for use by job seekers, workforce development and HR professionals, students, researchers, and more!

<https://www.onetonline.org/>



### O\*NET My Next Move

My Next Move is an interactive tool for job seekers and students to learn more about their career options. Users can find careers through keyword search; by browsing industries that employ different types of workers; or through the O\*NET Interest Profiler, a tool that offers personalized career suggestions based on a person’s interests and level of work experience.

<https://www.mynextmove.org/>



### San Diego & Imperial Counties Community Colleges

The regional career education website for the San Diego and Imperial Counties Community Colleges. Includes career and college exploration as well as information about fees and how to apply.

<https://careered.org/>



### San Diego & Imperial Counties Community Colleges - K14 Program Finder

Explore career education programs by community college, high school, adult school or career area.

<https://careered.org/k14-program-finder/>



### Salary Surfer

To help students and their families make important decisions about investing time and money in a college education, the California Community Colleges Chancellor’s Office, through Salary Surfer, is providing comparative information about the earnings of recent California community college graduates who received an award in a specific program of study.

<https://salarysurfer.cccco.edu/SalarySurfer.aspx>



# LEARN MORE. EARN MORE.

CareerEd.org