

# Advanced Manufacturing

A PRIORITY SECTOR in San Diego County



San Diego  
**Workforce**  
Partnership

This sector combines fields like engineering, computer drafting, biotech and more to design and build our future.



Scan to take a quiz and learn how your interests align with San Diego jobs!

#mynextmove

## Sample occupations

### How much will I earn per hour?

Entry level 10<sup>th</sup> percentile    Mid-career 50<sup>th</sup> percentile    Experienced 90<sup>th</sup> percentile

### What level of education is expected by employers?

<b>R</b> Realistic	<b>The Doers</b>   People who enjoy working outdoors and have athletic or mechanical abilities	<b>Aircraft Mechanics and Service Technicians</b> diagnose, adjust, repair or overhaul aircraft engines and assemblies.	\$25 — \$31 — \$40	2 caps
<b>I</b> Investigative	<b>The Thinkers</b>   People who use investigative and analytics skills to gather facts	<b>Industrial Engineers</b> design, develop, test and evaluate ways to manage industrial production processes.	\$31 — \$45 — \$66	3 caps
<b>A</b> Artistic	<b>The Creators</b>   People who prefer to work in creative, unstructured settings and use their artistic abilities	<b>Commercial and Industrial Designers</b> combine artistic talent with research on product use, marketing and materials to create the most functional and appealing product design.	\$17 — \$34 — \$66	3 caps
<b>S</b> Social	<b>The Helpers</b>   People who enjoy working with others	<b>Customer Service Representatives</b> interact with customers to provide solutions to questions and problems they may have.	\$12 — \$17 — \$28	1 cap
<b>E</b> Enterprising	<b>The Persuaders</b>   People who like to lead and influence others to work towards organization goals	<b>First-Line Supervisors of Production and Operating Workers</b> supervise and coordinate the activities of production workers, such as inspectors, precision workers and machine setters.	\$19 — \$32 — \$52	1 cap
<b>C</b> Conventional	<b>The Organizers</b>   People who enjoy working with data, keeping organized, and using their numerical abilities	<b>Statisticians</b> develop and apply mathematical or statistical theory to understanding the world's most interesting and challenging questions.	\$34 — \$53 — \$73	4 caps

4 caps Doctoral degree    3 caps Master's or professional degree    2 caps Bachelor's degree    1 cap Associate degree or certificate    0 caps High school diploma or less

Educational levels are typical but not meant to mean they are the minimum requirement.

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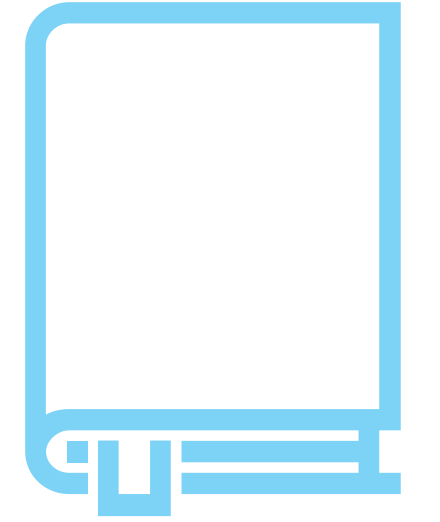
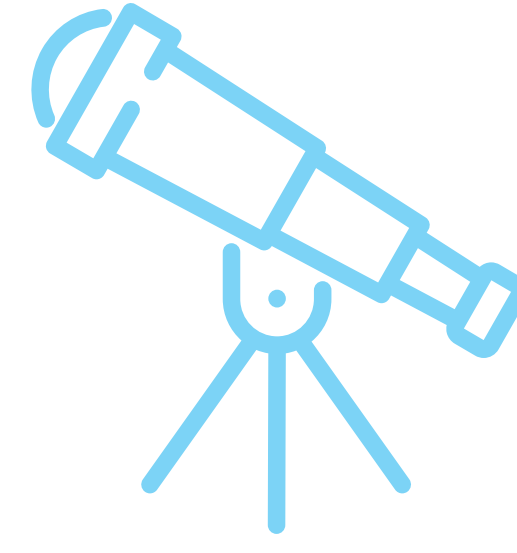
# Education & Human Development

A PRIORITY SECTOR in San Diego County



San Diego  
**Workforce**  
Partnership

Whether it's teaching at a daycare, working at a school or educating communities about health resources, people in this sector help others access their personal freedom to decide who to be, what to do and how to live.



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<b>R</b> Realistic	<b>The Doers</b>   People who enjoy working outdoors and have athletic or mechanical abilities	<b>Athletic Trainers</b> evaluate and advise individuals to assist recovery from or avoid athletic-related injuries or illnesses or maintain peak physical fitness.	\$18 — \$28 — \$39	🎓🎓🎓🎓
<b>I</b> Investigative	<b>The Thinkers</b>   People who use investigative and analytics skills to gather facts	<b>Computer User Support Specialists</b> answer questions or resolve computer problems for clients in person, via telephone or electronically.	\$18 — \$28 — \$43	🎓🎓
<b>A</b> Artistic	<b>The Creators</b>   People who prefer to work in creative, unstructured settings and use their artistic abilities	<b>Child Care Workers</b> attend to children at schools, businesses, private households and child care institutions.	\$4 — \$12 — \$19	🎓
<b>S</b> Social	<b>The Helpers</b>   People who enjoy working with others	<b>Respiratory Therapists</b> assess, treat and care for patients with breathing disorders.	\$28 — \$38 — \$49	🎓🎓
<b>E</b> Enterprising	<b>The Persuaders</b>   People who like to lead and influence others to work towards organization goals	<b>Fundraisers</b> organize activities to raise funds or otherwise solicit and gather monetary donations or other gifts for an organization.	\$13 — \$24 — \$46	🎓🎓🎓
<b>C</b> Conventional	<b>The Organizers</b>   People who enjoy working with data, keeping organized, and using their numerical abilities	<b>Education Administrators, Post-secondary</b> plan, direct or coordinate research, instructional, student administration services and other educational activities at post-secondary institutions.	\$30 — \$53 — \$94	🎓🎓🎓🎓🎓

🎓🎓🎓🎓 Doctoral degree

🎓🎓🎓 Master's or professional degree

🎓🎓 Bachelor's degree

🎓 Associate degree or certificate

🎓 High school diploma or less

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# Energy, Construction & Utilities

A PRIORITY SECTOR in San Diego County



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This sector creates the physical places people live, work and enjoy—from the four walls of a building to the wiring and power that make it possible to offer free wifi.



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## Sample occupations

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### What level of education is expected by employers?

<b>R</b> Realistic	<b>The Doers</b>   People who enjoy working outdoors and have athletic or mechanical abilities	<b>Electrical Power-Line Installers and Repairers</b> install or repair cables or wires used in electrical power or distribution systems.	\$25 — \$46 — \$62	High school diploma or less
<b>I</b> Investigative	<b>The Thinkers</b>   People who use investigative and analytics skills to gather facts	<b>Structural Iron and Steel Workers</b> work with iron and steel to form completed structures or structural frameworks.	\$18 — \$34 — \$49	High school diploma or less
<b>A</b> Artistic	<b>The Creators</b>   People who prefer to work in creative, unstructured settings and use their artistic abilities	<b>Interior Designers</b> plan, design and furnish interiors of residential, commercial or industrial buildings.	\$10 — \$27 — \$57	Bachelor's degree
<b>S</b> Social	<b>The Helpers</b>   People who enjoy working with others	<b>Training and Development Specialists</b> design and conduct training and development programs to improve individual and organizational performance.	\$19 — \$33 — \$49	Bachelor's degree
<b>E</b> Enterprising	<b>The Persuaders</b>   People who like to lead and influence others to work towards organization goals	<b>Hydroelectric Production Managers</b> manage operations at hydroelectric power generation facilities.	\$32 — \$49 — \$95	Associate degree or certificate
<b>C</b> Conventional	<b>The Organizers</b>   People who enjoy working with data, keeping organized, and using their numerical abilities	<b>City &amp; Regional Planning Aides</b> compile data from various sources, such as maps, reports and field and file investigations, for use by city planners in making planning studies.	\$28 — \$42 — \$60	Bachelor's degree

Doctoral degree

Master's or professional degree

Bachelor's degree

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High school diploma or less

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# Health Care

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At the intersection of technology, science and empathy lies health care, where people work to keep the public healthy and well, quickly solving problems when something goes wrong.



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<b>R</b> Realistic	<b>The Doers</b>   People who enjoy working outdoors and have athletic or mechanical abilities	<b>Radiologic Technologists</b> take X-rays and CAT scans as well as other medical images.	\$24 — \$41 — \$57	2 caps
<b>I</b> Investigative	<b>The Thinkers</b>   People who use investigative and analytics skills to gather facts	<b>Family and General Practitioners</b> are physicians who diagnose, treat and help prevent diseases and injuries that commonly occur in the general population.	\$30 — \$87 — \$157	5 caps
<b>A</b> Artistic	<b>The Creators</b>   People who prefer to work in creative, unstructured settings and use their artistic abilities	<b>Substance Abuse, Behavioral Disorder, and Mental Health Counselors</b> work with individuals with mental, emotional or substance abuse challenges. They conduct individual and group therapy, crisis intervention, case management, client advocacy, prevention and education.	\$12 — \$21 — \$39	4 caps
<b>S</b> Social	<b>The Helpers</b>   People who enjoy working with others	<b>Counseling Psychologists</b> assess and evaluate individuals' problems through the use of case history, interviews and observation and provide individual or group counseling services.	\$21 — \$44 — \$90	5 caps
<b>E</b> Enterprising	<b>The Persuaders</b>   People who like to lead and influence others to work towards organization goals	<b>Clinical Nurse Specialists</b> plan, direct or coordinate medical and health services in hospitals, clinics, managed care organizations, public health agencies or similar organizations.	\$30 — \$48 — \$64	4 caps
<b>C</b> Conventional	<b>The Organizers</b>   People who enjoy working with data, keeping organized, and using their numerical abilities	<b>Insurance Claims and Policy Processing Clerks</b> obtain information from insured or designated persons for the purpose of settling claims with insurance carriers.	\$11 — \$19 — \$27	1 cap

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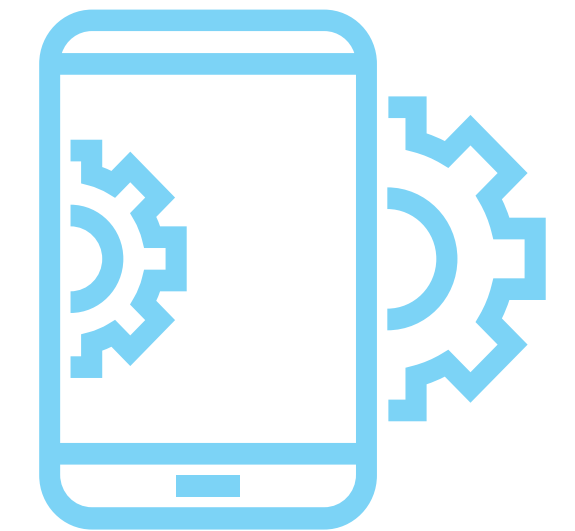
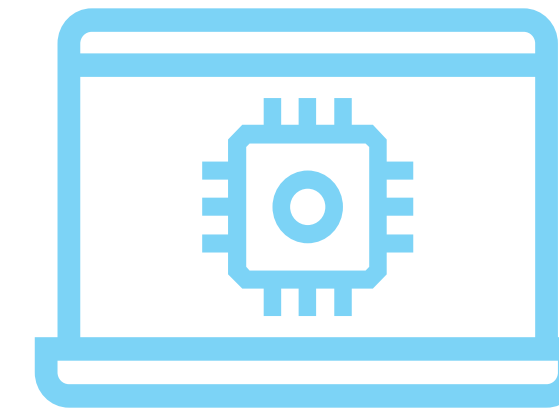
# Information & Communication Technologies and Digital Media

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This sector calls for people to use their creativity to code the latest cutting-edge computer program, launch the newest top trending app or design the next iconic logo.



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<b>R</b> Realistic	<b>The Doers</b>   People who enjoy working outdoors and have athletic or mechanical abilities	<b>Software Developers, Applications</b> develop, create computer applications, software or programs. They analyze user needs and develop software solutions.	\$34 — \$53 — \$77	3 graduation caps
<b>I</b> Investigative	<b>The Thinkers</b>   People who use investigative and analytics skills to gather facts	<b>Computer Network Architects</b> design and implement computer and information networks, such as local area networks (LAN), wide area networks (WAN), intranets, extranets and other data communications networks.	\$33 — \$60 — \$101	4 graduation caps
<b>A</b> Artistic	<b>The Creators</b>   People who prefer to work in creative, unstructured settings and use their artistic abilities	<b>Technical Writers</b> write technical materials, such as equipment manuals, appendices or operating and maintenance instructions.	\$25 — \$33 — \$50	2 graduation caps
<b>S</b> Social	<b>The Helpers</b>   People who enjoy working with others	<b>Instructional Coordinators</b> develop instructional material and educational content for specialized fields that provide guidelines to educators and instructors for developing course material.	\$20 — \$32 — \$58	4 graduation caps
<b>E</b> Enterprising	<b>The Persuaders</b>   People who like to lead and influence others to work towards organization goals	<b>Management Analysts</b> conduct studies and evaluations, design systems and procedures and prepare operations manuals to assist management in operating more efficiently and effectively.	\$22 — \$39 — \$73	3 graduation caps
<b>C</b> Conventional	<b>The Organizers</b>   People who enjoy working with data, keeping organized, and using their numerical abilities	<b>Database Administrators</b> administer, test and coordinate changes to databases. They plan, coordinate and implement security measures to safeguard computer databases.	\$27 — \$48 — \$71	3 graduation caps

4 graduation caps Doctoral degree

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1 graduation cap Associate degree or certificate

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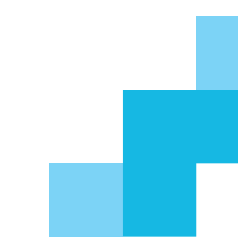
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# Life Sciences & Biotechnology

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San Diego Workforce Partnership

Have you ever dreamed of being a super hero? People in this sector work daily to fuse together the power of life science and evolving technology to save lives and enhance quality of life.



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Interest Type	Description	Entry level 10 <sup>th</sup> percentile	Mid-career 50 <sup>th</sup> percentile	Experienced 90 <sup>th</sup> percentile	Education Level
<b>R</b> Realistic	<b>The Doers</b>   People who enjoy working outdoors and have athletic or mechanical abilities	\$24	\$39	\$60	5 graduation caps
<b>I</b> Investigative	<b>The Thinkers</b>   People who use investigative and analytics skills to gather facts	\$21	\$34	\$76	3 graduation caps
<b>A</b> Artistic	<b>The Creators</b>   People who prefer to work in creative, unstructured settings and use their artistic abilities	\$25	\$35	\$60	5 graduation caps
<b>S</b> Social	<b>The Helpers</b>   People who enjoy working with others	\$14	\$18	\$25	1 graduation cap
<b>E</b> Enterprising	<b>The Persuaders</b>   People who like to lead and influence others to work towards organization goals	\$33	\$60	\$133	3 graduation caps
<b>C</b> Conventional	<b>The Organizers</b>   People who enjoy working with data, keeping organized, and using their numerical abilities	\$13	\$26	\$47	2 graduation caps

5 graduation caps Doctoral degree    3 graduation caps Master's or professional degree    2 graduation caps Bachelor's degree    1 graduation cap Associate degree or certificate    1 graduation cap High school diploma or less

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# Public Administration

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People in this sector solve problems through their research, analysis, leadership and public service. They listen to concerns, collaborate with others and respond to the community with a goal of improving people's lives.



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Interest Type	Description	Entry level 10 <sup>th</sup> percentile	Mid-career 50 <sup>th</sup> percentile	Experienced 90 <sup>th</sup> percentile	Education Level
<b>R</b> Realistic	<b>The Doers</b>   People who enjoy working outdoors and have athletic or mechanical abilities	\$20	\$33	\$48	High school diploma or less
<b>I</b> Investigative	<b>The Thinkers</b>   People who use investigative and analytics skills to gather facts	\$41	\$46	\$68	Bachelor's degree
<b>A</b> Artistic	<b>The Creators</b>   People who prefer to work in creative, unstructured settings and use their artistic abilities	\$11	\$25	\$45	High school diploma or less
<b>S</b> Social	<b>The Helpers</b>   People who enjoy working with others	\$17	\$27	\$40	High school diploma or less
<b>E</b> Enterprising	<b>The Persuaders</b>   People who like to lead and influence others to work towards organization goals	\$28	\$63	\$155	Bachelor's degree
<b>C</b> Conventional	<b>The Organizers</b>   People who enjoy working with data, keeping organized, and using their numerical abilities	\$15	\$23	\$31	High school diploma or less

🎓🎓🎓🎓 Doctoral degree    🎓🎓 Master's or professional degree    🎓🎓 Bachelor's degree    🎓 Associate degree or certificate    🎓 High school diploma or less

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