

Career EDUCATION

CR COLLEGE OF THE
REDWOODS



Why Career Education?

The United States workforce is quickly changing.

With 10,000 baby boomers turning 65 years old every day, with technology continuing its never-ending rapid advance, and with growth in the health and financial sectors, the need for having an Associate's Degree and career education is taking on even greater importance.

The percentage of high school graduates with "good jobs" (jobs that pay \$35,000 year for those under age 45, \$45,000 a year for those 45+ according to "Good Jobs That Pay Without a BA, 2017") has declined in almost every state. Whereas the opposite is true for those with an Associate's Degree.

Career education, career certification, and Associate's Degrees are becoming the new "calling card" for well-paying entry level jobs and long-term careers.

Fast Facts

30
million

There are 30 million good jobs in California today that pay \$59,000 annually without a bachelor's degree.

- *Good Jobs That Pay Without a BA, 2017*

Double
Your
Earnings



Students who earn a California community college degree or certificate nearly double their earnings within 3 years.

- *Fast Facts 2014*
Community College League of California



+4
million

Between 1991 - 2015, the United States lost nearly 1.3 million blue-collar non-BA good jobs, but gained over 4 million skilled-services good jobs for those without BAs.

-1.3
million

5

TOP FIVE

INDUSTRIES

1



Manufacturing

2



Financial, real estate, professional & management services

3



Transportation, communications, and utilities

4



Wholesale & retail trade

5



Construction

OCCUPATIONS



Sales and office related



Management and business, financial operations



STEM and healthcare practitioners

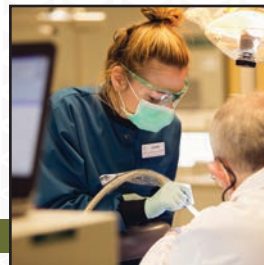
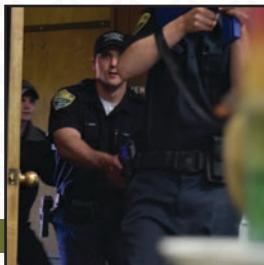


Natural resources, construction, and extraction



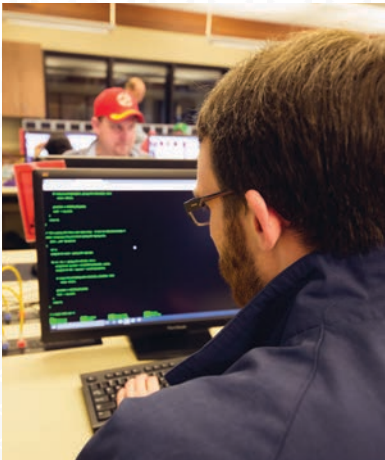
Transportation and material moving

Learn more about Our Career Education Programs



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Computer Information Systems (CIS)

Master the hardware and software used in today's enterprise networks while you receive hands-on experience using cutting-edge technology. Our curriculum is focused on employer needs and the certifications they value. Local businesses regularly hire from our classrooms.

For Information

www.redwoods.edu/cis

707.476.4341



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Employment OPPORTUNITIES

- Computer and Network Installer
- Computer Support Specialist
- Technical Support Technician
- Network Systems Analyst
- Security Specialist
- Security Analyst
- Penetration Tester

Projected California Employment Statistics

WAGES
Computer Support Specialist
\$34,000 -
\$97,000

Job Growth 2014-2024
+25%

Job Openings 2014-2024
62,200 ➔ 77,680

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



Digital Media Design

Train in digital arts and design. Learn to use industry-standard digital media tools and gain experience in critical thinking, teamwork, and project management. Our program specializes in 2D and 3D animation, game development, graphic design, web design, and video/motion graphics.

Employment OPPORTUNITIES

- Graphic/Web Designer
- Videographer/Audio Engineer
- Game Programmer & Designer
- Motion Graphics Designer
- Multimedia Artist & Animator



Check out our student-made website at:
<http://isweb.redwoods.edu/dm/>

For Information
www.redwoods.edu/dm
707.476.4341

Projected California Employment Statistics

WAGES
Graphic Designer
\$30,170 -
\$96,720

Job Growth 2014-2024
+12%

Job Openings 2014-2024
37,000 ➔ 41,500

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

Business

Improve your career opportunities or start a successful small business by learning everything it takes to become successful in the business world. Students in our Business program work with local companies, gaining real-world experience and training.

For Information

www.redwoods.edu/business

707.476.4341



Employment OPPORTUNITIES

- Business owner
- General manager
- Supervisor
- Bookkeeper
- Payroll Clerk
- Marketing Coordinator

Projected California Employment Statistics

WAGES
General Manager
\$50,280 -
\$108,970

Job Growth 2014-2024
+16%

Job Openings 2014-2024
268,700 ➔ 310,700

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

FAST FACT

Administrative assistants and secretaries are increasingly assuming responsibilities once reserved for managerial staff.



Employment OPPORTUNITIES

- Administrative Assistant
- Help Desk Support
- Office Clerk
- Office Technology Support
- Receptionist

Business Technology

Increase your employability with the Business Technology Associate of Science Degree. This degree will offer you a solid foundation in Microsoft Office and Windows, along with strong digital and professional office management skills.

For Information

www.redwoods.edu/businessstech

707.476.4341

Projected California Employment Statistics

WAGES
Administrative Assistant

\$24,720-
\$60,430

Job Growth 2014-2024
+10%

Job Openings 2014-2024
222,300 ➔ 245,100

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

Restaurant & Hospitality Management

Have you dreamed of owning your own restaurant or tourist operation?

Our program focuses on real-world training. The RHM Program prepares you to maintain the finances of lodging and foodservice facilities, including accounting, marketing, and cost control; learn the methods and techniques to effectively recruit, train, and supervise hospitality and foodservice employees; gain an understanding of public health and safety standards; and earn National Restaurant Association Certificates.

For Information

www.redwoods.edu/rhm

(707) 476-4341



Employment OPPORTUNITIES

Careers in:

- Restaurants
- Hotels/resorts
- Cruise ships
- Tourist operations

Projected California Employment Statistics

WAGES
Food Service Manager

\$27,330 -
\$84,340

Job Growth 2014-2024
+24%

Job Openings 2014-2024
52,800 ➔ 65,700



Early Childhood Education

Our program is designed to assist students in meeting the licensing requirements for preschool teacher and site director positions. Students accepted into our program train in our learning lab Child Development Center which cares for children 18 months to 5 years.

For Information
www.redwoods.edu/ece
(707) 476-4341

Employment OPPORTUNITIES

- Preschool Teacher
- Licensed Family Child Care Provider
- Infant-Toddler Teacher
- Family Services Worker
- Instructional Aide
- Child Care Program Director



Projected California Employment Statistics

WAGES
Preschool Teacher
\$22,740 -
\$50,610

Job Growth 2014-2024
+8%

Job Openings 2014-2024
54,200 ➔ 58,300



Employment OPPORTUNITIES

Work in the following settings:

- Drug & alcohol treatment advising
- Family and youth services
- Education rehabilitation
- Community health
- Mental health
- Employment assistance programs
- Senior programs
- Community-based non-profit agencies
- Case management services

FAST FACT

100%

of the treatment programs in Humboldt and Del Norte County are staffed by our graduates.

Addiction Studies

Humboldt and Del Norte County service providers regularly hire our students. The Addiction Studies program is designed to provide students with in-depth knowledge on addiction and addiction treatment, and the skills required to begin the certification process for work in California's drug treatment settings.

For Information

www.redwoods.edu/addiction

707.476.4341



Employment OPPORTUNITIES

- Patrol Officer
- Correctional Officer
- Parole / Probation Officer
- Natural Resources or Parks Law Enforcement
- Private Investigator
- Private Security Guard
- Evidence Storage and Maintenance Clerk
- Emergency Dispatcher
- Community Services Officer

Administration of Justice and Police Academy

Never before has there been a greater demand for well-trained and educated professionals in the law enforcement and correctional fields. Our Administration of Justice program offers not only a basic law enforcement academy, but we also provide advanced officer training.

For Information
www.redwoods.edu/aj
707-476-4334



Projected California Employment Statistics

WAGES
Police Officer
\$61,010 -
\$129,690

Job Growth 2014-2024
+7%

Job Openings 2014-2024
68,700 → 73,700



Manufacturing Technology

Manufacturing Technology is a program specifically designed to prepare individuals for entry-level positions in manufacturing. Learn to operate and program Computer Numerical Control (CNC) machinery, operate various CAD/CAM software systems and interpret blueprints. Learn to apply theoretical concepts through hands-on activities that will create machined objects.

FAST FACT
315,000

Current number of jobs open in manufacturing

For Information

www.redwoods.edu/mt

(707) 476-4341

Employment OPPORTUNITIES

- Machinists
- Tool & Die Makers
- Model Makers
- CNC Programmers
- Electromechanical Maintenance Technicians

Projected California Employment Statistics

WAGES
CNC Programmer and Operator

\$33,770 -
\$97,860

Job Growth 2014-2024

+32%

Job Openings 2014-2024

2,500 ➔ 3,300

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

Welding Technology

The demand for welders in the United States is growing quickly with the rise of robotics, the need to repair the country's infrastructure, and the retiring workforce.

Our Welding Technology program provides training in the fields of commercial and industrial welding, as well as in fabrication. Learn electric welding, stick welding, wire feed welding, TIG welding, and oxygen acetylene welding. Our classes are designed so that you can enter almost any of our welding classes having no pre-requisite skills.

For Information

www.redwoods.edu/welding
(707) 476-4341

Projected California Employment Statistics

**WAGES
Welder**

**\$25,960 -
\$65,490**

Job Growth 2014-2024
+11%

Job Openings 2014-2024
28,400 ↗ 31,400



Employment OPPORTUNITIES

- Welding Supervisor
- Welding Inspector
- Welding Instructor
- CNC (Computer Numerical Control) Operator
- Fabricator or Millwright
- Self-Employed Welder
- Material or Equipment Salesman
- Welder
- Welding Technician



Construction Technology

Learn residential construction and have the opportunity to build or remodel a single family residence, using foundation-to-finish carpentry skills. Develop cabinetmaking skills by learning all aspects of hand and power tools for furniture and custom cabinetry. Receive solar installation training in both hot water and electric solar systems, or become an electrician trainee.

For Information

www.redwoods.edu/constructiontech

707.476.4341

Employment OPPORTUNITIES

- Construction Supervisor
- Building Contractor
- Solar Energy Technician
- Carpenter
- Building Inspector
- Cabinetmaker
- Electrician
- Construction Laborer



Residential Construction

CR's Residential Construction Certificate program lays the foundation for the Construction Technology department, allowing students from multiple certificate programs to come together and build a house "from the ground up". During this two semester program, Residential Construction students will build a brand new house, designed by CR's Drafting Technology students. The Electrician Trainees will wire the house. The cabinets will be built and installed by the Cabinetmaking students and the Solar Technology students will install the hot water heater and solar panels. At the end of the year, the finished house will be sold and proceeds from the house will be used to buy the lot for next year's students.

For Information

www.redwoods.edu/constructiontech
(707) 476-4341



Cabinetmaking

Our Cabinet Making Certificate provides students an opportunity to work with state of the art industry equipment in one of the nicest woodshops in Northern California. During the course of earning their certificate, students will build and install all the cabinets in the CR Student Built House and graduate ready to join the workforce as an expert in this field.

For Information

www.redwoods.edu/constructiontech

(707) 476-4341

Electrician Trainee

Did you know that in order to legally perform electrical work for a contractor in California, you must possess an Electrician Trainee card? At CR we guide you through the state mandated process to enroll as an Electrician Trainee so you can begin training right away. During this four semester program you will work with a licensed electrician to wire the CR Student Built House, become OSHA certified, and take a variety of courses including the study of Photovoltaic Solar Energy, drafting, and electronics.

For Information

www.redwoods.edu/constructiontech

(707) 476-4341



Solar Technology

The Solar Technology Program offers certificates in both Solar Photovoltaic and Solar Thermal Technologies. The program is geared toward entry level installers. The students learn solar theory in a classroom setting and receive hands-on training by installing the solar panels and solar hot water heater on the CR Student Built House. Both certificate options provide training in basic residential construction, electrical wiring including electrical theory, residential wiring circuits, blueprint reading, materials selection, installation methods and basic code requirements. Both certificates include an OSHA certification.

Projected California Employment Statistics

WAGES
Photovoltaic
Installer

\$29,330 -
\$63,480

Job Growth 2014-2024
+45%

Job Openings 2014-2024
2,900 ➔ 4,200

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



FAST FACT

California energy codes change in 2020, requiring all new structures to be Net Zero, meaning they create as much energy as they consume. Solar Technology is expected to be in high demand!

Automotive Technology

For a fraction of the cost of a private school, you'll be working side-by-side with industry-respected faculty who will train you on the latest state-of-the-art diagnostic equipment and specialized modular trainers. Our program meets the highest standards of automotive training and is National Automotive Technicians Education Foundation (NATEF) certified in Master Automotive Service Technology. Students have the option to test for additional certification by Automotive Service Excellence (ASE).

For Information

www.redwoods.edu/automotive

707.476.4341

Projected California Employment Statistics

WAGES
Automotive
Specialty Technician

\$24,190 -
\$73,410

Job Growth 2014-2024
+9%

Job Openings 2014-2024
69,200 ➔ 75,100



Employment OPPORTUNITIES

- Maintenance & Light Repair Technician
- Automotive Service Technician
- Specialty Technician
- Parts Technician
- Service Writer
- Shop Foreman
- Service Manager
- Parts Manager



Drafting Technology & 3D Modeling/Printing

Develop the necessary design and drafting skills for engineering, architectural, and manufacturing firms. Our graduates often continue to university programs in industrial technology, engineering, manufacturing, and architecture.

For Information

www.redwoods.edu/drafting

(707) 476-4341



Projected California Employment Statistics

WAGES
Drafter

\$36,880 -
\$82,680

Job Growth 2014-2024
+8%

Job Openings 2014-2024
1,300 → 1,400

Employment OPPORTUNITIES

- Drafter
- Design Technician
- Engineering Assistant
- Cartographer
- 3D Modeler
- Estimator
- Technical Sales

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

Forestry & Natural Resources

College of the Redwoods' Forestry Program takes full advantage of its outside classrooms in the heart of the coastal redwood forest. Our program prepares students to work in forestry, ecology, wildlife, and/or natural resources. Learn the latest drone technology. We have 100% transfer articulation with Humboldt State University.

For Information

www.redwoods.edu/forestry

(707) 476-4341

Projected California Employment Statistics

WAGES
Forester

\$39,100 -
\$100,950

Job Growth 2014-2024

+36%

Job Openings 2014-2024

1,100 ➔ 1,500

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



Employment OPPORTUNITIES

- Forest Technician
- Wildland Fire Fighter
- Park ranger / interpreter
- Watsource and Lake Protection Zone (WLPZ) Technician
- Forest Road Technician
- Forestry Aide for CALFIRE

Agriculture

We have the ONLY organic, sustainable student farm in Northern California. You will be trained to work in plant science, animal science, and the agricultural industry. ALL of your coursework can transfer to a California State University.

For Information

www.redwoods.edu/agriculture

707.476.4341



Employment OPPORTUNITIES

- Agriculture Sales and Service
- Livestock/Food/Fiber Industry Position
- Nursery/Greenhouse Manager
- Ranch/Farm Owner/Manager
- Farm Equipment Operator



Projected California Employment Statistics

WAGES
Farmer
\$38,240 -
\$136,080

Job Growth 2014-2024
+20%

Job Openings 2014-2024
107,800 ➔ 129,000

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



Dental Assisting

CR's Dental Assisting program is the only nationally accredited and state approved program north of Santa Rosa and south of Eugene. You will be trained to assist the dentist chairside, perform expanded dental assisting duties independently, and provide basic receptionist responsibilities. We have excellent pass rates on State licensure (RDA) and national certification (CDA) exams.

For Information

www.redwoods.edu/dental

707.476.4216

Projected California Employment Statistics

WAGES
Dental Assistant
\$25,000 -
\$57,000

Job Growth 2014-2024
+16%

Job Openings 2014-2024
48,800 ➔ 56,400

FAST FACT

100%

We provide employment opportunities for 100% of our graduates.

Employment OPPORTUNITIES

Assisting in the following types of dental practices:

- General/Clinic
- Periodontic
- Orthodontic
- Endodontic
- Oral surgery
- Prosthodontic
- Pediatric

Emergency Medical Technician (EMT)

The Emergency Medical Technician Program is a one-semester program designed to train individuals to respond safely in emergency medical situations. Program content consists of theory and skills on life-support measures, the use of medical emergency equipment and supplies, and an ambulance module.

Paramedic (PMED)

The North Coast Paramedic Program builds on the knowledge and skills gained as an Emergency Medical Technician (EMT). The program provides comprehensive study of pre-hospital emergency care that meets State of California requirements for a Paramedic license and prepares students to sit for the National Registry paramedic exam.

For Information

www.redwoods.edu/emt

www.redwoods.edu/paramedic

(707) 476-4216



Projected California Employment Statistics

WAGES
EMT/Paramedic
\$22,270 -
\$61,310

Job Growth 2014-2024
+24%

Job Openings 2014-2024
16,600 → 20,600

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



Certified Nursing Assistant (CNA)

The Certified Nursing Assistant program is a one semester program which prepares the participant for California State Certification. Certified Nursing Assistants provide care to patients in acute and skilled nursing settings. College of the Redwoods is a testing site for the Certified Nursing Assistant Training and Assessment Program (NATAP). To become a Certified Nursing Assistant you must successfully complete the NATAP Exam.

Employment OPPORTUNITIES

Work in the following settings:

- Acute and chronic care settings
- Health care provider settings
- Other healthcare facilities

For Information

www.redwoods.edu/cna
707-476-4216

Projected California Employment Statistics

WAGES
Certified Nursing Assistant
\$22,610-
\$47,790

Job Growth 2014-2024
+17%

Job Openings 2014-2024
99,700 ➔ 118,900





Licensed Vocational Nursing (LVN)

The LVN Program is a three-semester program teaching basic nursing care, administration of medications, and carrying out therapeutic and rehabilitative measures. Upon completion, a student is eligible to take the National Council Licensing Exam for Practical Nursing (NCLEX-PN) to become licensed as a Vocational Nurse. An additional one semester of college work provides the student with the opportunity to enter the Associate of Science Nursing (RN) Program.

For Information

www.redwoods.edu/lvn

(707) 476-4216

Projected California Employment Statistics

WAGES
Licensed Vocational Nurse

**\$37,010 -
\$70,350**

Job Growth 2014-2024
+21%

Job Openings 2014-2024
65,700 → 79,400

Employment OPPORTUNITIES

Work in the following settings:

- Acute and chronic care settings
- Health care provider settings
- Other healthcare facilities

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



LVN/Paramedic to RN Program

Our LVN/Paramedic to Registered Nurse program is three semesters long and assists a Licensed Vocational Nurse or Paramedic in becoming a Registered Nurse. The Registered Nursing Program prepares students to assume responsibility for directing the nursing care of patients with acute and chronic illness. Upon completion, a student is awarded an Associate of Science Degree and is eligible to take the National Council Licensing Exam for Registered Nursing (NCLEX-RN).

FAST FACT
60%

of nurses in California receive their education from a community college.

For Information
www.redwoods.edu/ho/LVNtoRN
707-476-4216

FAST FACT
12 of the 20

fastest growing occupations are in healthcare.



Registered Nursing (RN)

College of the Redwoods' 2-year Registered Nursing Program prepares students to assume responsibility for directing the nursing care of patients with acute and chronic illness. Upon completion, a student is awarded an Associate of Science Degree and is eligible to take the National Council Licensing Exam for Registered Nursing (NCLEX-RN).

For Information

www.redwoods.edu/rn
(707) 476-4216



Projected California Employment Statistics

WAGES
Registered Nurse
\$63,450 -
\$149,440

Job Growth 2014-2024
+17%

Job Openings 2014-2024
256,000 → 300,300

Employment OPPORTUNITIES

Care of patients in a variety of healthcare settings, such as:

- Acute care hospitals
- Skilled nursing facilities
- Home health agencies
- Health clinics
- Outpatient services

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

Why College of the Redwoods?



We believe your education is about more than just technical training; it's about your entire educational experience.



“CR provides students from all walks of life an opportunity to continue their education by making admissions easy and cost-effective. After receiving my degree in Computer Information Systems, I went on to work at a local IT firm and started my own web design business.”



Miguel Garcia
Owner, 960 Pixels Design



Small classes.

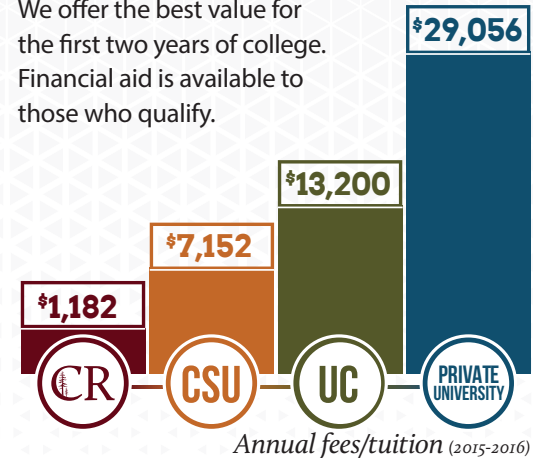
Our small classes help foster a tight-knit supportive community.

83% of classes have fewer than 30 students



We're affordable.

We offer the best value for the first two years of college. Financial aid is available to those who qualify.



Our Area.

Our campuses are located in the redwood forests of Northern California.



**180,000
STRONG**

Since opening in 1964, College of the Redwoods has supported 180,000 students with their career and educational needs.

We are on the cutting edge.

We prepare our students for the ever-changing marketplace. We know that the job market in the United States is quickly changing. Our programs are designed to meet the needs of those new markets and industries. That's why local companies are hiring directly out of our classrooms. They know our students are trained in programs that are tailored to meet their growing demands.



Our Approach.

Our instructors utilize an interactive, hands-on approach, with tailored instructional support.

What are you waiting for?

The job market for those with career education is rapidly expanding. Explore your options at College of the Redwoods. We offer a wide range of career certificates and degrees.



Be the next CR success story!

Apply Now at www.redwoods/GetStarted
or call (707) 476-4200



CR COLLEGE OF THE REDWOODS

Published & Produced by College of the Redwoods | Career & Technical Education | Printing Services
7351 Tompkins Hill Road Eureka, CA 95501-9300

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