



ALTERNATIVE PATHWAYS TO POST-SECONDARY EDUCATION

**Career Education & Apprenticeship
Programs**

February 27, 2019



Today's Presenters

Tia Holiday

- John Burton
Advocates for Youth



Vincent Jones

- Los Angeles Trade
Technical College



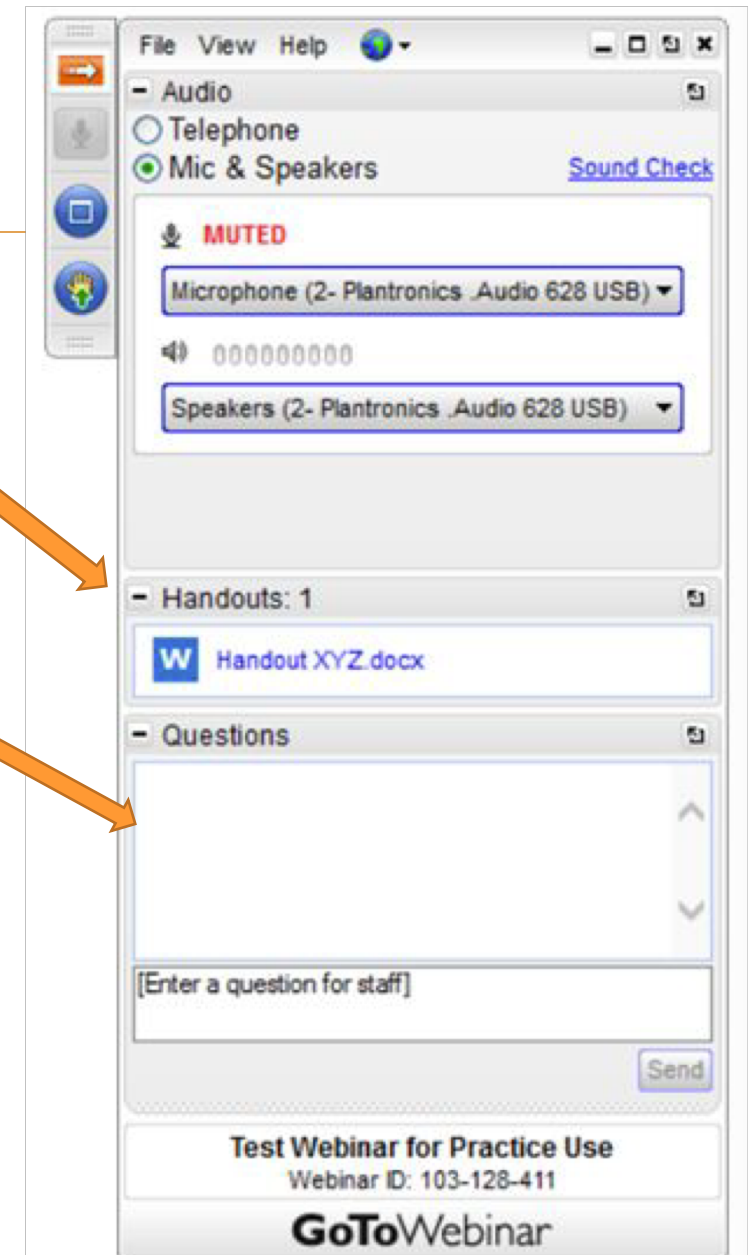
Yaritza Farias

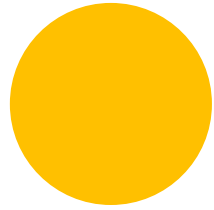
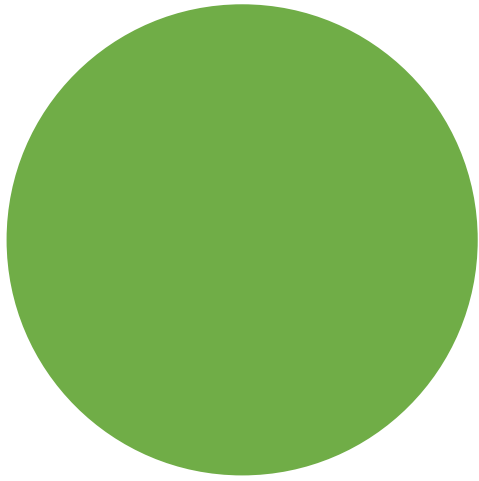
- Division of
Apprenticeship
Standards



Information to Participate

- Today's PowerPoint can be downloaded from the "handouts" section of your control panel
- To submit questions, click on the "Questions" panel, type your question, and click "send"
- Presentation materials and audio will also be posted at
 - www.jbaforyouth.org
 - www.cacollegepathways.org/webinars-conferences/webinars





CAREER & TECHNICAL EDUCATION

**College to Career:
It's all Here!**

February 27, 2019

Students want to know ...



1. What are my career options?
2. What are the education paths to those careers?
3. What will I need to take?
4. How long will it take and how much will it cost?
5. How much financial aid can I get?
6. Will my credits transfer?

Career & Technical Ed. (CTE)

- Can be shorter programs (ex. 6 - 12 months)
- Many CTE programs offered at community colleges, which low-income students can often attend for free!
- Programs prepare students for good-paying jobs in specific industries
- Routes to skilled professions
- Financial aid is available

Example: Earn a Plumbing Technology certificate at L.A. Trade Tech and make \$60,000!



- Manufacturing
- Transportation
- Cosmetology
- Architecture
- Bio Technology
- Culinary Arts
- Construction
- Fashion
- Healthcare
- And more!

WARNING!

PROPRIETARY OR FOR-PROFIT (PRIVATE) VOCATIONAL SCHOOLS

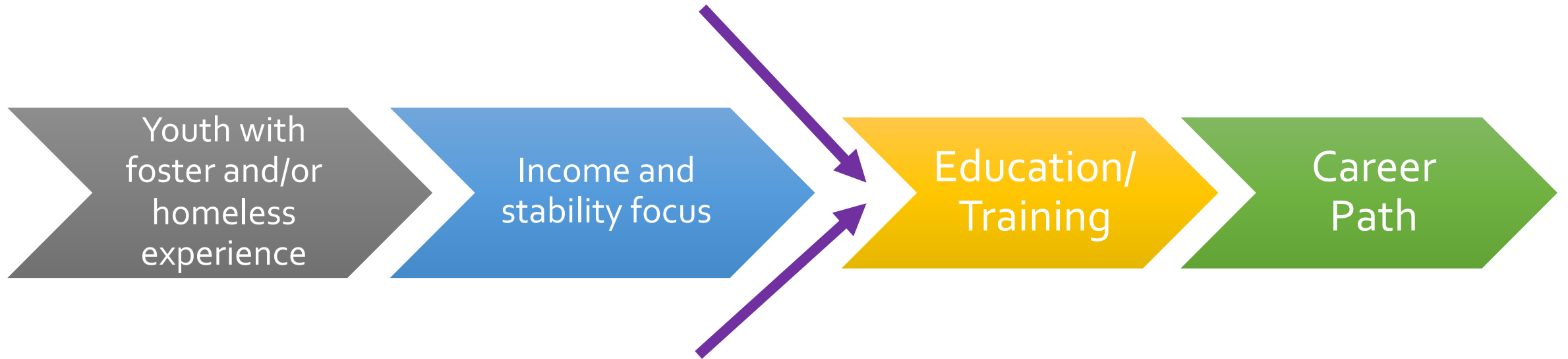
- Costs more than community college (CC) programs
 - i.e. DeVry \$497 per credit vs. CC \$46 per credit
- High rates of student debt
- Poor job outcomes
- Some are under federal investigation or have lost accreditation
 - i.e., Corinthian operated school, ITT Technical Institute, and Cordon Bleu

WARNING!

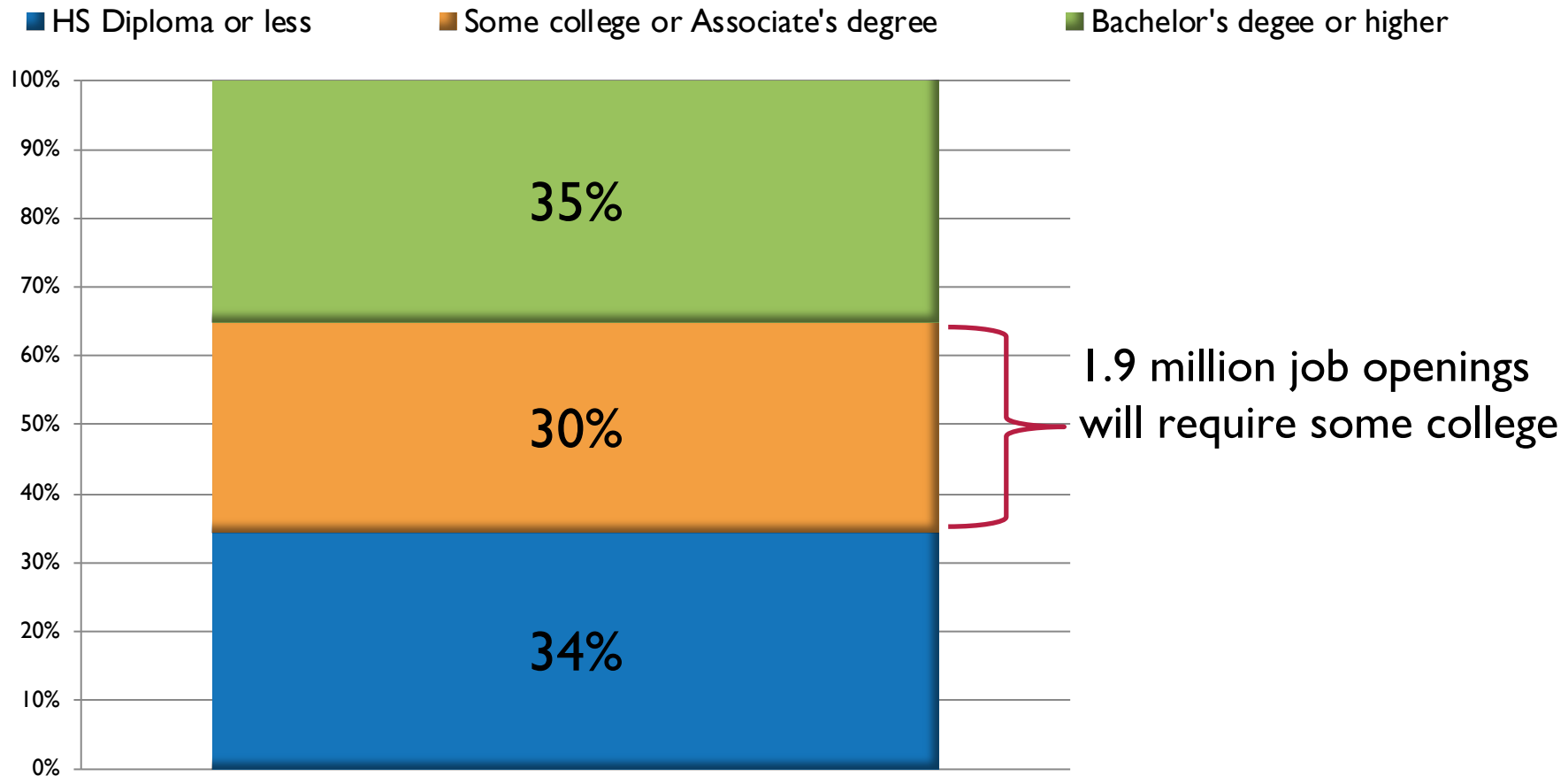
PROPRIETARY OR FOR-PROFIT (PRIVATE) VOCATIONAL SCHOOLS

- Do research with the youth
 - *California Student Aid Commission (CSAC)*
webutil.csac.ca.gov/calgrant_inst/calgrantinstsearch.aspx
 - *Bureau for Private and Postsecondary Education*
bppe.ca.gov
 - *Fostering Educational Quality*
fosteringqualityeducation.org/red-flags-checklist.html
- ***Use extreme caution before enrolling***

Transitioning - From Income to Career



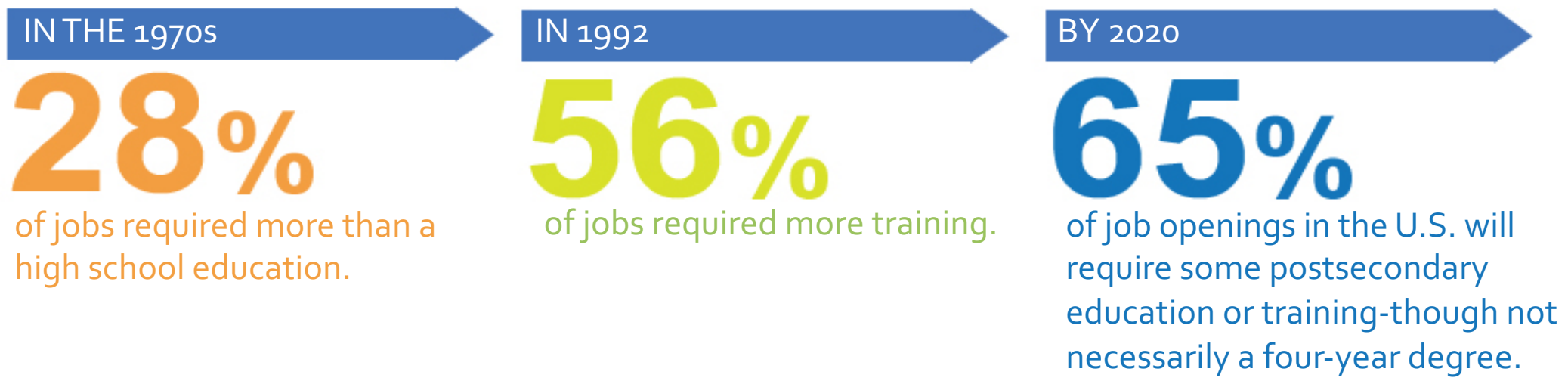
California's Job Openings by Education Level 2015-2025



Data source: Georgetown University Center on Education and the Workforce, "Recover: Job Growth and Education Requirements Through 2020," State Report, June 2013.
Analysis: Collaborative Economics

“Some College” is the New Gateway into the Workforce

THE LABOR MARKET IS INCREASINGLY DEMANDING A MORE SKILLED WORKFORCE.



Approximately 42% of the demand for career skills will not be met over the next 5 years...

Source: Georgetown Center on Education and the Workforce analysis

Target Occupations

Bookkeeping, Accounting
& Auditing Clerks
4,920

Cosmetologists
1,500

Culinary Arts
(Cooks, Chefs and
Line Cooks)
1,670

Computer-Controlled
Machine Tool
Operators,
Metal/Plastic
1,490

Health Care
Professionals
5,000

Construction
Workers
2,990

Child Care and
Elderly Care
Providers
2,170

Mobile Heavy Equipment
Mechanics,
Including METRO Transportation
Industry
1,500

Aircraft Mechanics
&
Service Technicians
650

Business
Clerical
Professionals
3,840

Career Education programs offer routes to skilled professions and support individuals along the way, coordinating with employers and providing real world experience.

Each step allows the participant to gain a marketable skillset and credential, preparing them for the next job on the career path.



Stackable Credentials



Financial Aid Availability and Requirements for CTE programs at Community Colleges

- CA College Promise Grant (BOG fee waiver) available for short and longer programs
- Federal aid requires high school diploma & enrollment in a certificate program of at least one year
- Foster youth may also qualify for the Chafee Grant- up to \$5,000
- Independent Living Programs (ILP) for eligible foster youth may provide funds to help with the costs of materials and equipment
- Each community college should have a foster youth and homeless youth liaison. See the California College Pathways website for the college campus contacts.

or

- Enroll in a college with an “Ability to Benefit program”
 - Enables earning a HS diploma while earning a CE certificate



Skill Gaps Differ Across California Regions



regionalcte.org/regions

CE Resource Map

<http://www.doingwhatmatters.cccco.edu/ResourceMap.aspx>





Tools for Exploring Career Paths

Learn more about career pathways, specific jobs, education levels and salaries

[Career Coach](#)

<https://ccc.emsicc.com>

Child, Family, and School Social Workers

Overview About Wages Employment

\$50,781
Median Salary

New workers start around \$31,377. Normal pay is \$50,781 per year. Highly experienced workers can earn up to \$84,260.

4,458
Annual job openings

Openings are regional vacancies due to growth and turnover in this career.

Available Programs

Addictive Disorders Studies In The Criminal Justice System
AS Degree

Below are institutions that provide this program.

Oxnard College

Career Filters

Map showing Sacramento, San Francisco, San Jose, California, Nevada, and Las Vegas.

Designed to promote social, physical, and intellectual growth needed for primary school in preschool, day care center, or other child development facility. May be required to hold State certification.

\$31,701
Annual Wage

Some College
Typical Education

Degree on



Tools for Exploring Career Paths: Living Wage

Learn what the cost of living is in your community and what you need to earn

Living Wage Calculator:
livingwage.mit.edu

Living Wage Calculation for Riverside County, California

The living wage shown is the hourly rate that an **individual** must earn to support their family, if they are the sole provider and are working full-time (2080 hours per year). All values are **per adult in a family** unless otherwise noted. The state minimum wage is the same for all individuals, regardless of how many dependents they may have. The poverty rate is typically quoted as gross annual income. We have converted it to an hourly wage for the sake of comparison.

For further detail, please reference the [technical documentation here](#).

Hourly Wages	1 Adult	1 Adult 1 Child	1 Adult 2 Children	1 Adult 3 Children	2 Adults (1 Working)	2 Adults (1 Working) 1 Child	2 Adults (1 Working) 2 Children	2 Adults (1 Working) 3 Children	2 Adults (1 Working Part Time) 1 Child*	2 Adults	2 Adults 1 Child	2 Adults 2 Children
Living Wage	\$12.30	\$26.96	\$32.22	\$42.48	\$20.16	\$24.14	\$27.36	\$31.74	\$18.82	\$10.08	\$14.50	\$17.80
Poverty Wage	\$5.00	\$7.00	\$9.00	\$11.00	\$7.00	\$9.00	\$11.00	\$13.00		\$3.00	\$4.00	\$5.00
Minimum Wage	\$11.00	\$11.00	\$11.00	\$11.00	\$11.00	\$11.00	\$11.00	\$11.00		\$11.00	\$11.00	\$11.00



Tools for Exploring Career Paths

Career assessment, career exploration, and see all California Community College Career Ed programs in one place

My Path:

www.cccmypath.org

MyPath
CALIFORNIA COMMUNITY COLLEGES

SIGN IN WITH OPENCCC

About the Colleges | Explore Careers | Choose a College | Apply for College | Pay for College

1. EXPLORE CAREERS
Find a career that motivates you.
• Take the Career Assessment
• Explore Careers
• View Potential Wages

2. CHOOSE A COLLEGE
Discover a college that will help you reach your goals.
• About the Community Colleges
• Find a College
• All Community Colleges
[SEE ALL ▶▶](#)

3. APPLY FOR COLLEGE
Get your application started and learn about priority registration.
• Begin Application
• What is Priority Registration?
• Orientation
[SEE ALL ▶▶](#)

4. PAY FOR COLLEGE
Apply for financial aid.
• Eligibility
• Get Ready to Apply
• Apply Now
[SEE ALL ▶▶](#)



Tools for Exploring Career Paths

Career Education

careered.cccco.edu/explore-careers/

CALIFORNIA COMMUNITY COLLEGES
CAREER EDUCATION

Explore Careers

- ADVANCED MANUFACTURING
- ADVANCED TRANSPORTATION & RENEWABLES
- AGRICULTURE, WATER & ENVIRONMENTAL TECHNOLOGIES
- ENERGY, CONSTRUCTION & UTILITIES
- GLOBAL TRADE & LOGISTICS
- HEALTH
- INFORMATION & COMMUNICATION TECHNOLOGIES & DIGITAL MEDIA
- LIFE SCIENCES & BIOTECH
- PUBLIC SAFETY & SERVICE
- RETAIL, HOSPITALITY & TOURISM
- SMALL BUSINESS



Tools for Exploring Career Paths

Video Library

careered.cccco.edu/video-library/



Tools for Exploring Career Paths

Explore the real earnings of California Community College graduates by program type using

Salary Surfer

salarysurfer.cccco.edu

Salary Surfer
California Community Colleges
Chancellor's Office

STUDENT SUCCESS

San Diego Mesa College
Chemistry

Select a Program of Study

Salary Surfer

As students and their families make important decisions about investing their time and money in pursuing a college education, the California Community Colleges Chancellor's Office is making available for the first time comparative information about the earnings of recent graduates who received an award in a specific program area at California community colleges.



Tools for Exploring Career Paths

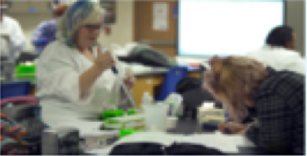
Salary Surfer

salarysurfer.cccco.edu



SalarySurfer
Biological Science

Videos for Biological Science



Biotechnology

Biological Science
 Only display programs with wage data

Biological Science

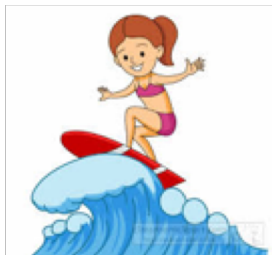
Instructional programs that study life or living matter in all its forms and phenomena, especially with regard to the origin, function, growth, reproduction, heredity, and structure of life forms.

Curriculum	Award Type	Median Annual Salary		
		2 Years Before	2 Years After	5 Years After
<input type="checkbox"/> Biology, General	Degree	\$16,655	\$29,013	\$51,041
<input type="checkbox"/> Biotechnology and Biomedical Technology	Degree ▶	\$18,821	\$47,255	\$59,603
<input type="checkbox"/> Biotechnology and Biomedical Technology	Certificate ▶	\$17,778	\$33,649	\$50,013



Tools for Exploring Career Paths

Salary Surfer
salarysurfer.cccco.edu



Curriculum	Award Type	Median Annual Salary		
		2 Years Before	2 Years After	5 Years After
⊕ Administrative Medical Assisting	Degree	N/A	\$27,193	N/A
⊕ Administrative Medical Assisting	Certificate	\$20,140	\$28,386	\$31,211
⊕ Cardiovascular Technician	Degree	\$20,134	\$61,491	\$73,479
⊕ Cardiovascular Technician	Certificate	\$20,535	\$63,780	\$71,284
⊕ Clinical Medical Assisting	Degree	\$8,126	\$26,667	\$23,506
⊕ Clinical Medical Assisting	Certificate	\$13,485	\$27,717	\$32,992
⊕ Dental Assistant	Degree	\$15,432	\$29,845	\$32,394
⊕ Dental Assistant	Certificate	\$13,912	\$28,253	\$30,552
⊖ Dental Hygienist	Degree	\$20,171	\$69,118	\$64,030

College	Program Title	Program Type
Cabrillo College	Dental Hygiene	Degree
Cerritos College	Dental Hygienist	Degree
Cypress College	Dental Hygiene	Degree
Diablo Valley College	Dental Hygiene	Degree
Foothill College	Dental Hygiene	Degree
Fresno City College	Dental Hygiene	Degree
Moreno Valley College	Dental Hygiene	Degree
Oxnard College	Dental Hygiene	Degree
Pasadena City College	DENTAL HYGIENE	Degree
Riverside City College	Dental Hygiene	Degree

Page 1 of 2 (16 items) < [1] 2 >



Tools for Exploring Career Paths

Mobile App: Here to Career

The screenshot shows the website for the Foundation for California Community Colleges. At the top left is the logo, and to its right is a search bar. Below the logo is a navigation menu with links: About Us, What We Do, CollegeBuys, News Room, and Supporting our Work. The main content area features a large banner for the 'Here to Career' mobile app, which includes the app's logo and a photo of a young man and woman looking at a smartphone. To the right of the banner are buttons for downloading the app on the App Store and Google Play. Below the banner is a section titled 'CONTACT US' with contact information for Emily Robinson, Technology and Special Projects Director. At the bottom right, there is a 'RESOURCES' section with links to California Career Cafe, CaliforniaColleges.edu, Doing What Matters for Jobs and the Economy, and I Can Afford College.

FOUNDATION for CALIFORNIA
COMMUNITY COLLEGES

Search...

About Us What We Do CollegeBuys News Room Supporting our Work

Here to Career Mobile App What We Do / Workforce Development / Here to Career Mobile App

Here to Career
powered by Salary Surfer

DOWNLOAD HERE TO CAREER

Download on the
App Store

GET IT ON
Google Play

CONTACT US

Emily Robinson
Technology and Special Projects Director
T: 916.498.6724 Ext. 203
E: erobinson@foundationccc.org

RESOURCES

[California Career Cafe](#)
[CaliforniaColleges.edu](#)
[Doing What Matters for Jobs and the Economy](#)
[I Can Afford College](#)

Get from where you are to where you want to be.

Here to Career is an easy way for users to find careers that match their interest and get connected with tools to be successful. With the mobile application, users can view salary information and high-demand career opportunities specific to their area and find a local community college with a program to help them achieve their goals.

In collaboration with the Chancellor's Office and Young Invincibles, the Foundation created Here to Career, initially targeting low-income students and families. The first phase of the partnership focused on providing low-income Latino families, specifically in the Inland Empire, access to information about California Community College education opportunities and awareness of careers that can increase earning potential and provide improved economic prosperity for the entire family.



Tools for Exploring Career Paths

Career Coach

<https://ccc.emsicc.com>

“Scaffolding”

Hollywood CPR at West LA College

Audio and Visual Technology

People with these jobs operate AV for films, photography, and sound recording.

Technical Directors/Managers

Coordinate activities of technical departments, such as taping, editing, engineering, and maintenance, to produce radio or television programs.

 **\$90,703**
Annual Wage

 **A Bachelor's Degree**
Typical Education



Applied Design: Three-Dimensional

AS Degree

Below are institutions that provide this program.

[College of Marin](#)

Film and Video Editors

Edit moving images on film, video, or other media. May edit or synchronize soundtracks with images.

 **\$73,436**
Annual Wage

 **A Bachelor's Degree**
Typical Education



Applied Design: Two-Dimensional

AS Degree

Below are institutions that provide this program.

[College of Marin](#)

Applied Digital Media And Printing

AS Degree

Below are institutions that provide this program.

[Riverside City College](#)

Thank you!

Vincent Jackson, Dean
Los Angeles Trade Technical College
jacksovc@lattc.edu

Students with disabilities

- Emphasize that college is an option
- IEP/504 plan not required to access services
- Create connections
 - Disability Services Programs and Services (DSPPS) at colleges
 - DSPPS registration and accommodations
 - Include DSPPS on campus tours
 - Introduce available resources at colleges
 - Invite DSPPS staff &/or counselors to county events/meetings
- Strength based vs. deficit based



California Apprenticeship

www.dir.ca.gov/das

This is Apprenticeship

- Apprenticeship and its components
- Exploring Different Models
- Apprenticeship Benefits



State of Apprenticeship

- Over 80,000 registered apprentices
- Over 600 State Registered Occupations
- Largest State Apprenticeship Program in the Nation



What makes an Apprenticeship?

Apprenticeship has 2 main components

- On-the-Job Training
- Classroom Instruction



Classroom Instruction

- Related Supplemental Instruction (RSI)
- Recommended 144 hours per year
- Theory and Background
- Understanding the reasons behind the task
- Class instruction is tuition free



On-the-Job Training

- Work Processes
- Schedule of tasks
- Minimum of 2,000 hours
- Qualified Supervision
- Paid every hour with increase(s)



The Apprenticeship Model

- 2000 OJT Hours Minimum (Work Processes)
- 144 Recommended Hours RSI
- Wage Schedule
- Journey to Apprentice Ratio
- Apprenticeship Committee
- Selection Procedure



The On-the-Job Training Model

- 500-2000 On-the-Job Training Hours (Work Processes)
- Wage Schedule
- Journey to Trainee Ratio
- Selection Procedure
- No RSI Component
- May be completed in 3 months



Benefits for the Youth

○ **AB 12**

- Meets Education and Employment Participation Conditions for Extended Foster Care Eligibility
- Many Opportunities to Earn a Living Wage
 - May be State or Local Minimum
- Alternative Education and Career Pathway
- Earning While Learning
- Regular Pay Increase

How to Get Started?

- www.dir.ca.gov/das
- “Become an Apprentice” Tab
- “Find Available Apprenticeship Programs” Link
- Search Programs by County and/or Occupation



Question & Answer

Enter your questions on your control panel by clicking the "questions" arrow, typing your question, and clicking "send."

For more info:



Tia Holiday

John Burton Advocates for Youth

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(415) 693-1325

www.jbay.org

www.cacollegepathways.org