

-Pathways to Positions-

Public Safety - A Mile In My Shoes event with local Law Enforcement Chiefs, Asst. DA and our students

Career Technical Education (CTE)

COURSE GUIDE

SECONDARY EDUCATION
COLLEGE & CAREER










EXIT
MAXIMUM OCCUPANT LOAD 48



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- Our connections to local industry partners are an essential piece of our CTE Pathways.
- Explore more in this section!

CTE PATHWAY FAQ's

INTRODUCTION

THE IMPORTANCE OF CAREER TECHNICAL EDUCATION (CTE)

The California economy is experiencing a skills gap:

- 47% of jobs in California require skills training- more education than high school but less than a four-year degree
- 39% of California workers are trained at this level*

"I learned to love math because I needed it to do well in my Construction Pathway."
-CHS CTE Student

Career Technical Education (CTE) courses provide students with real-world workforce skill development, career exploration and college preparation. CTE courses integrate rigorous academic instruction with technical and occupational content that helps to increase student achievement, graduation rates, as well as college and career readiness. CTE courses are sequenced to create pathways for students in a course of study which can lead to college and career opportunities.

"I would never have known about all the different jobs in and around the field of Manufacturing."
-ISHS CTE Student

In CTE students learn "soft skills" needed for the modern workplace such as: critical thinking, communication, teamwork, ethical leadership, research tools, creativity and innovation.

Experience is the best teacher. CTE can help all students get the experience needed to obtain the job of their choice, help upgrade skills, or help train them in a completely new field. Some classes even include the opportunity to complete training in a local business or organization.

CTE classes are conducted in classrooms equipped to industry standards and are taught by highly-qualified professionals from industries who are credentialed through the California Commission on Teacher Credentialing to teach in their area of expertise.

CTE pathways begin in high school and are available to all students

"Joining a Pathway helped me to get to know a lot of different people I would not have otherwise."
-SGHS CTE Student

* ACTE: California-CTE-Fact-Sheet-April 2023

CTE INDUSTRY SECTORS AND PATHWAYS

INDUSTRY SECTORS

- Arts, Media & Entertainment
- Building & Construction Trade
- Business and Finance
- Education, Child Development and Family Services
- Energy, Environment, and Utilities
- Engineering and Architecture
- Health Sciences and Medical Technologies
- Hospitality, Tourism, and Recreation
- Information & Communication Technologies
- Manufacturing and Product Development
- Marketing, Sales, and Services
- Public Services
- Transportation

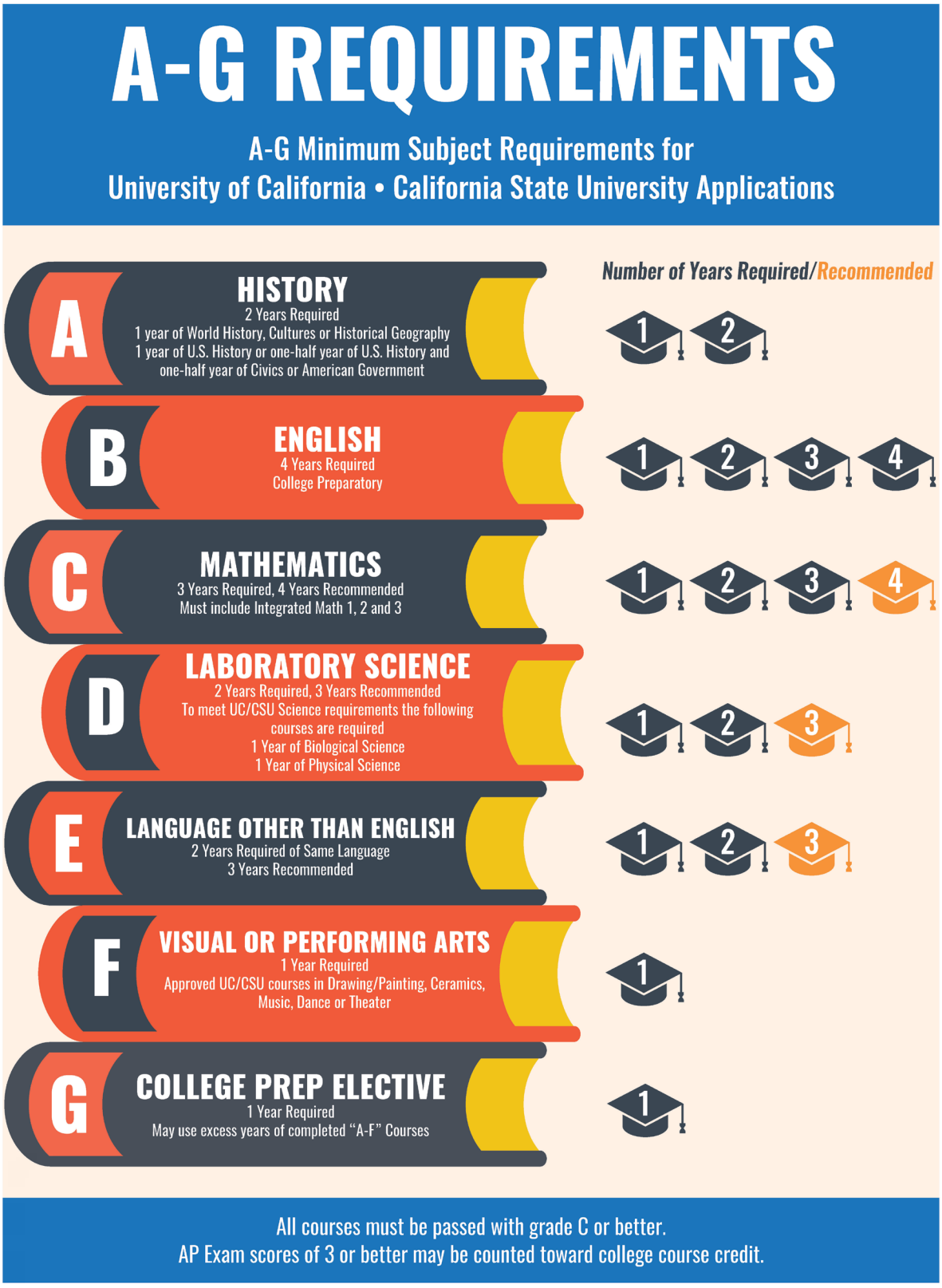
INDUSTRY EXPOSURE

- Pre-Apprenticeships
- Internships
- Job Shadowing
- Volunteer / Community Service
- Micro-Internships
- Skills Simulations

CTE PATHWAYS

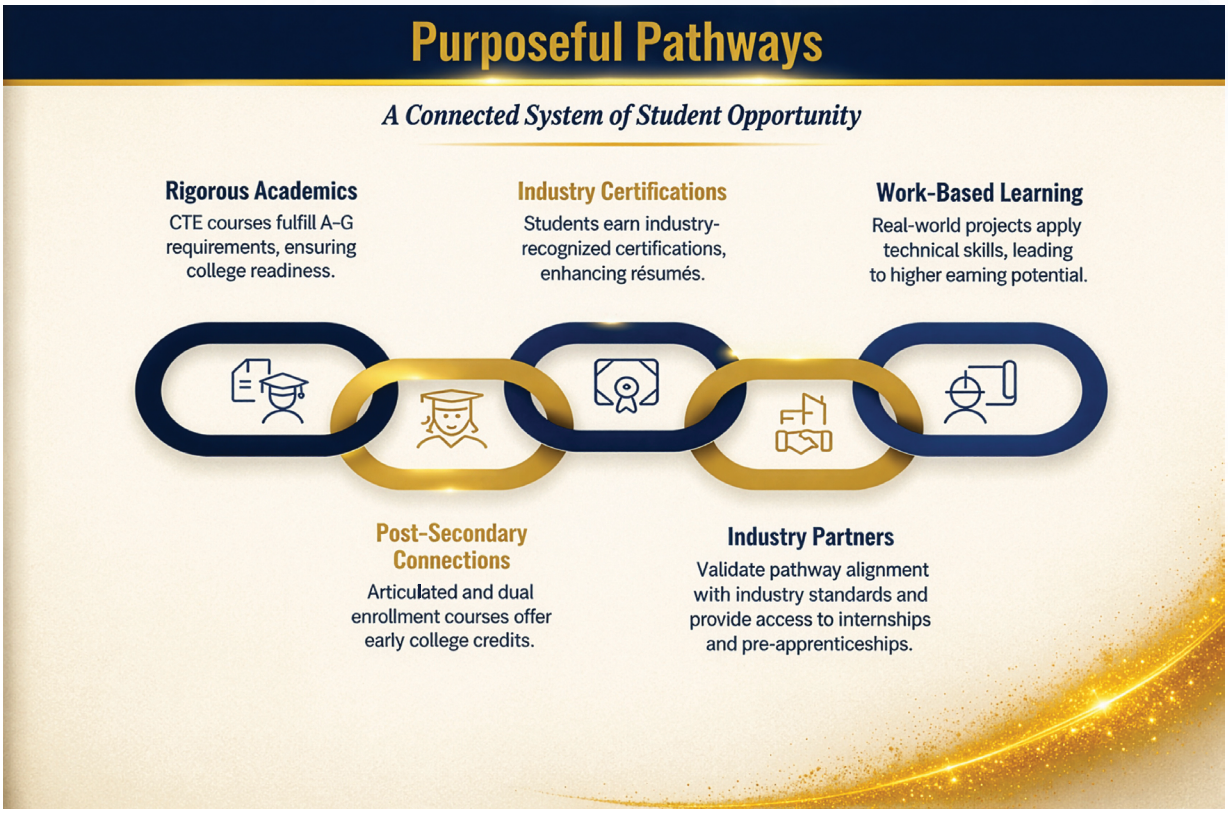
California's industry sectors are very broad and include hundreds of careers. Each CTE pathway focuses on a subset of careers within the sector and includes at least 2 years of courses. For example, SBCUSD offers patient care pathways that are a part of the larger Health Science & Medical Technology industry sector.

A-G REQUIREMENTS



INTEGRATED APPROACH TO PURPOSEFUL PATHWAYS

OUR VISION



BENEFITS OF BEING IN A CTE PATHWAY

1. **Rigorous Academics** - CTE Pathway students take connected CTE that fulfill part of the A-G requirements for admission to the University of California and California State University systems. All CTE courses are 100% A-G approved with embedded student supports.

2. **Post-Secondary Connections** - CTE Pathway courses allow for students to earn transferable early college credits through articulated and dual enrollment courses through our partner colleges and universities.

3. **Industry Certifications** - All CTE Pathways in SBCUSD provide students the opportunity to earn at least one industry-recognized certification through the application of their technical skills, strengthening resumes, and job readiness. Over 2,000 industry certifications were earned by our students last year, what can include: OSHA-10, American Heart Association CPR and First Aid, Food Handlers care and more.

4. **Industry Partners** - CTE Pathway students have access to internship and Pre-Apprenticeship opportunities along with the ability to connect with industry professionals in their classroom.

5. **Work-Based Learning** - All CTE Pathways include industry based real-world projects that apply hands-on technical skills leading to higher earning potential upon high school graduation.

LEARN BY DOING









ARROYO VALLEY HIGH SCHOOL COLLEGE AND CAREER PATHWAYS

INDUSTRY SECTOR	CTE PATHWAY	CONCENTRATOR COURSE	CAPSTONE COURSE	EARLY COLLEGE CREDIT	INDUSTRY CERTIFICATION
Arts, Media & Entertainment	Design Media & Visual Arts	~Contemporary Media ~Digitech 1	~AME/DMA Internships ~Digitech 2 ~Digitech 3 ~Film & Broadcasting 1 ~Film & Broadcasting 2 ~CTE Digital Publishing	YES	YES
Arts, Media & Entertainment	Performing Arts	~CTE Dance 1 ~CTE Dance 2	~CTE Dance 3 ~CTE Dance 4	In Progress	In Progress
Business & Finance	Business Management	~Business Communications ~Intro to Business	~Banking & Financial Services ~Supply Chain Logistics	YES	YES
Education, Child Development & Family Services	Education	~Child Development ~Teacher Training 1	~Teacher Training 2 ~Teacher Training 3	YES	YES
Energy, Environment & Utilities	Energy and Power Technology	~Technical Calculations ~Green Urban Design	~Multi-Craft Core Curriculum ~Photovoltaics	YES	YES
Information Technology & Communication Technologies	Software & Systems Development	~Applied Technology ~Cyber Tech 1	~Cyber Tech 2 ~Web Design and Development ~CTE ICT Internships ~Cyber Certifications	YES	YES

CAJON HIGH SCHOOL COLLEGE AND CAREER PATHWAYS

INDUSTRY SECTOR	CTE PATHWAY	CONCENTRATOR COURSE	CAPSTONE COURSE	EARLY COLLEGE CREDIT	INDUSTRY CERTIFICATION
Arts, Media & Entertainment	Design Media & Visual Arts	~Contemporary Media ~Digitech 1	~Digitech 2 ~Digitech 3	YES	YES
Arts, Media & Entertainment	Production & Managerial Arts	~Contemporary Media ~Film Appreciation ~Film/Video 1 ~IB Film HL 1 ~CTE Introduction to Theater ~Theater IBSL	~Advanced Broadcasting & Digital Media Film ~IB Film HL 2 ~CTE Directing for Theater ~CTE Technical Theater ~Theater IBHL	YES	YES
Building Trades & Construction	Residential & Commercial Construction	~Building & Construction Trades 1	~Building & Construction Trades 2 ~Adv. Building & Construction Trades 3	YES	YES
Business Management	Business & Finance	~Business Communications ~Introduction to Business ~MYP Design-Business ~Introduction to Computer Information Systems	~Business Management & Entrepreneurship ~Global Logistics & Concepts	YES	YES
Education, Child Development, Human Services	Family & Human Services	~Child Psychology & Development ~CTE Honors Psychology	~Senior Seminar ~Health & Human Services	YES	YES
Health Science & Medical Technology	Patient Care	~Medical Terminology ~Dental Health & Patient Care	~Advanced Dental Health & Patient Care ~Introduction to Sports Medicine ~Advanced Sports Medicine	YES	YES
Information Technology & Communications	Networking	~Applied Technology ~Cybersecurity	~Computer Networking ~Adv. Cybersecurity	YES	YES
Transportation	System Diagnostics, Service & Repair	~Auto Tech 1	~Auto Tech 2 ~Auto Tech 3	YES	YES

INDIAN SPRINGS HIGH SCHOOL COLLEGE AND CAREER PATHWAYS

INDUSTRY SECTOR	CTE PATHWAY	CONCENTRATOR COURSE	CAPSTONE COURSE	EARLY COLLEGE CREDIT	INDUSTRY CERTIFICATION
Arts, Media & Entertainment	Performance Arts	~Music Production & Recording Arts 1	~Music Production & Recording Arts 2 ~Music Production & Recording Arts 3	YES	YES
Arts, Media & Entertainment	Production and Managerial Arts	~CTE Introduction to Theater	~CTE Technical Theatre ~CTE Directing for Theatre	In Progress	YES
Health Science & Medical Technology	Patient Care	~Medical Technology	~First Responder ~Introduction to CNA ~Introduction to Sports Medicine ~Advanced Sports Medicine	YES	YES
Marketing Sales & Service	Marketing	~Introduction to Marketing, Advertising, & Graphic Design	~Media, Marketing & Publications ~Entrepreneurship	In Progress	In Progress
Manufacturing & Product Development	Machining & Forming Technologies	~CTE Introduction to Machining	~CTE Advanced Machining ~Advanced Machining 2	YES	YES

PACIFIC HIGH SCHOOL COLLEGE AND CAREER PATHWAYS

INDUSTRY SECTOR	CTE PATHWAY	CONCENTRATOR COURSE	CAPSTONE COURSE	EARLY COLLEGE CREDIT	INDUSTRY CERTIFICATION
Arts, Media & Entertainment	Design Media & Visual Arts	~Art for Communications	~Art for Production ~CTE Digital Publishing	YES	YES
Health Science & Medical Technology	Biotechnology	~PLTW* Principles of Biomedical Science Honors ~PLTW* Human Body System Honors	~PLTW* Medical Interventions Honors ~PLTW* Biomedical Innovations Honors	YES	YES
Hospitality, Tourism, and Recreation	Food Service & Hospitality	~Food Sanitation and Safety	~Baking and Service Management	YES	YES
Transportation	System Diagnostics, Service & Repair	~Heavy Medium Duty Truck 1	~Heavy Medium Duty Truck 2	YES	YES

*Project Lead The Way

MIDDLE COLLEGE HIGH SCHOOL COLLEGE AND CAREER PATHWAYS

INDUSTRY SECTOR	CTE PATHWAY	CONCENTRATOR COURSE	CAPSTONE COURSE	EARLY COLLEGE CREDIT	INDUSTRY CERTIFICATION
Arts, Media & Entertainment (AME)	Digital Media & Visual Arts	~Adobe Prep 1	~Adobe Prep 2 ~AME / *DMA Intern	YES	YES

*Digital Media Academy

1260 West Esperanza Street | San Bernardino, CA 92410

middlecollege.sbcusd.com/cte

SAN ANDREAS HIGH SCHOOL COLLEGE AND CAREER PATHWAYS

INDUSTRY SECTOR	CTE PATHWAY	CONCENTRATOR COURSE	CAPSTONE COURSE	EARLY COLLEGE CREDIT	INDUSTRY CERTIFICATION
Health Science and Medical Technology	Patient Care	~CTE PE2 Athletic Training ~Medical Terminology ~CTE Medical English 2 ~Introduction to Healthcare Careers	~CTE First Responder ~Health Careers Internship 1 ~Certified Nurse Assistant ~Introduction to Sports Medicine	YES	YES
Business and Finance	Business Management	~Introduction to Business ~CTE Business English 3 ~MOUS* Word ~Business Consumer Math ~CTE Business of Esports	~CTE Student Government ~MOUS* Powerpoint ~Agriculture Business & Economics ~Business Internship 1	YES	YES

*Microsoft Office User Specialist

3232 Pacific Street | Highland, CA 92346

sanandreas.sbcusd.com/cte

SAN BERNARDINO HIGH SCHOOL COLLEGE AND CAREER PATHWAYS

INDUSTRY SECTOR	CTE PATHWAY	CONCENTRATOR COURSE	CAPSTONE COURSE	EARLY COLLEGE CREDIT	INDUSTRY CERTIFICATION
Arts, Media & Entertainment	Design Media & Visual Arts	~CTE Studio Art 1 ~CTE Studio Art 2 ~Digitech 1	~CTE Studio Art 3 ~Digitech 2	YES	In Progress
Arts, Media & Entertainment	Performing Arts	~Music Production & Recording Arts 1 ~Performance Careers ~CTE Marching Band & Color Guard 1 ~CTE Digital Music Production	~Music Production & Recording Arts 2 ~Performace Portfolio ~CTE Marching Band & Color Guard 2	In Progress	In Progress
Business and Finance	Business Management	~MOUS* Word	~MOUS* Excel ~MOUS* Powerpoint	YES	YES
Engineering & Architecture	Engineering Design	~Engineering Essentials ~PLTW** Introduction to Engineering Honors	~PLTW** Principles of Engineering Honors ~PLTW** Digital Electronics Honors	YES	YES
Manufacturing & Product Development	Graphic Production Technologies	~Silk Screening 1	~Silk Screening 2	In Progress	YES
Public Services	Public Safety	~Introduction to Public Safety Careers ~Public Safety 1	~Public Safety 2 ~Public Safety 3	YES	YES

*Microsoft Office User Specialist
**Project Lead The Way

SAN GORGONIO HIGH SCHOOL COLLEGE AND CAREER PATHWAYS

INDUSTRY SECTOR	CTE PATHWAY	CONCENTRATOR COURSE	CAPSTONE COURSE	EARLY COLLEGE CREDIT	INDUSTRY CERTIFICATION
Arts, Media & Entertainment (AME)	Design Media & Visual Arts	~Digitech1	~Digitech 2	YES	YES
Building Trades & Construction	Residential & Commercial Construction	~Construction 1	~Construction 2	YES	YES
Education, Child Development, Human Services	Education	~Child Development	~Childcare 1 ~Childcare 2	YES	YES
Engineering & Architecture	Engineering Design	~PLTW* Intro to Engineering Honors	~PLTW* Digital Electronic Honors ~PLTW* Computer Intergrated ~Manufacturing Honors	YES	YES
Health Science & Medical Technology	Biotechnology	~PLTW* Principles of Biomedical Honors ~PLTW* Human Body System Honors	~PLTW* Medical Interventions Honors	YES	YES
Hospitality, Tourism & Recreation	Food Service & Hospitality	~Culinary Arts 1	~Culinary Arts 2	In Progress	YES
Transportation	System Diagnostics, Service & Repair	~Automotive Technology 1	~Automotive Technology 2 ~Automotive Technology 3	YES	YES

*Project Lead The Way

SIERRA HIGH SCHOOL COLLEGE AND CAREER PATHWAYS

INDUSTRY SECTOR	CTE PATHWAY	CONCENTRATOR COURSE	CAPSTONE COURSE	EARLY COLLEGE CREDIT	INDUSTRY CERTIFICATION
Education, Child Development & Human Services	Family & Human Services (FHS)	~English 1: Perspective on FHS Services Media & Literature ~English 2: Building Executive Functioning Skills ~Mental Health & Wellness ~Psychology for FHS ~PE 1: FHS Foundations of Wellness Leadership ~SEL*: The Heart of Education	~CTE Intergrated Math 3 ~CTE Media Art/ Human Services ~English 3: Life Skills Through Literature ~English 4: Senior Seminar Advocacy Identity & Voice ~FHS: Career & Community Practicum ~FHS Internship ~Human Services & Nonprofit Operations ~Proactive PE 2: FHS for Physical Health	YES	YES

*Social Emotional Learning

570 East 9th Street | San Bernardino, CA 92410 sierra.sbcusd.com/cte

VIRTUAL ACADEMY COLLEGE AND CAREER PATHWAYS

INDUSTRY SECTOR	CTE PATHWAY	CONCENTRATOR COURSE	CAPSTONE COURSE	EARLY COLLEGE CREDIT	INDUSTRY CERTIFICATION
Arts, Media & Entertainment (AME)	Digital Media & Visual Arts	~Adobe Prep 1	~Adobe 2 ~Adobe 3	YES	YES

1885 East Lynwood Drive | San Bernardino, CA 92404 virtualacademy.sbcusd.com/cte

EXTENDED TRAINING/EDUCATION

POST SECONDARY DEGREE/CERTIFICATE OPPORTUNITIES

D=Degree Program C=Certificate Program A=Articulation Agreement In Place DE=Dual Enrollment

ARTS, MEDIA AND ENTERTAINMENT

	SAN BERNARDINO VALLEY COLLEGE	CHAFFEY	CRAFTON	RIVERSIDE COMMUNITY COLLEGE	CSU SAN BERNARDINO	UNIVERSITY OF REDLANDS	LA SIERRA UNIVERSITY
Design Media & Visual Arts	D, C, A, DE	D, C	D, C	D, C, A	D, C	D	D
Performance Arts	D, DE	D, C	D, C, A	D, C	D	D, C	N/A
Production & Managerial Arts	D, C, A, DE	D, C	D, C	D, C	D, C	D, C	D

BUILDING AND CONSTRUCTION TRADES

	SAN BERNARDINO VALLEY COLLEGE	CHAFFEY	CRAFTON	RIVERSIDE COMMUNITY COLLEGE	CSU SAN BERNARDINO	UNIVERSITY OF REDLANDS	LA SIERRA UNIVERSITY
Residential and Commercial Construction	N/A	N/A	N/A	D, C, A	N/A	N/A	N/A

BUSINESS AND FINANCE

	SAN BERNARDINO VALLEY COLLEGE	CHAFFEY	CRAFTON	RIVERSIDE COMMUNITY COLLEGE	CSU SAN BERNARDINO	UNIVERSITY OF REDLANDS	LA SIERRA UNIVERSITY
Business Management	D, C, A, DE	D, C, A	D, C, A	D, C, A	D, C	D, C	D

EXTENDED TRAINING/EDUCATION

POST SECONDARY DEGREE/CERTIFICATE OPPORTUNITIES

D=Degree Program C=Certificate Program A=Articulation Agreement In Place DE=Dual Enrollment

EDUCATION, CHILD DEVELOPMENT AND HUMAN SERVICES

	SAN BERNARDINO VALLEY COLLEGE	CHAFFEY	CRAFTON	RIVERSIDE COMMUNITY COLLEGE	CSU SAN BERNARDINO	UNIVERSITY OF REDLANDS	LA SIERRA UNIVERSITY
Education	D, C, A, DE	D, C	D, C, A	D, C	D, C, DE	D, C	D
Family and Human Services	D, C, A, DE	D, C	D	D, C	D, C, A	D, C	D

ENERGY, ENVIRONMENT AND UTILITIES

	SAN BERNARDINO VALLEY COLLEGE	CHAFFEY	CRAFTON	RIVERSIDE COMMUNITY COLLEGE	CSU SAN BERNARDINO	UNIVERSITY OF REDLANDS	LA SIERRA UNIVERSITY
Energy and Power Technology	D, C, A, DE	D, C	D	D	D, C	D, C	D

ENGINEERING AND ARCHITECTURE

	SAN BERNARDINO VALLEY COLLEGE	CHAFFEY	CRAFTON	RIVERSIDE COMMUNITY COLLEGE	CSU SAN BERNARDINO	UNIVERSITY OF REDLANDS	LA SIERRA UNIVERSITY
Engineering Design	D, DE	D, C, A	N/A	A	D	D, C	N/A

HEALTH SCIENCE AND MEDICAL TECHNOLOGIES

	SAN BERNARDINO VALLEY COLLEGE	CHAFFEY	CRAFTON	RIVERSIDE COMMUNITY COLLEGE	CSU SAN BERNARDINO	UNIVERSITY OF REDLANDS	LA SIERRA UNIVERSITY
Biotechnology	D, C, A, DE	D, C	D, C, A	D, C, A	D, C	D	D
Patient Care	D, C, A, DE	D, C	D, C, A	D, C, A	D, C	D	D

EXTENDED TRAINING/EDUCATION

POST SECONDARY DEGREE/CERTIFICATE OPPORTUNITIES

D=Degree Program C=Certificate Program A=Articulation Agreement In Place DE=Dual Enrollment

HOSPITALITY, TOURISM AND RECREATION

	SAN BERNARDINO VALLEY COLLEGE	CHAFFEY	CRAFTON	RIVERSIDE COMMUNITY COLLEGE	CSU SAN BERNARDINO	UNIVERSITY OF REDLANDS	LA SIERRA UNIVERSITY
Food Service and Hospitality	D, C, A, DE	D, C	D	D, C	D, C	N/A	D

MANUFACTURING

	SAN BERNARDINO VALLEY COLLEGE	CHAFFEY	CRAFTON	RIVERSIDE COMMUNITY COLLEGE	CSU SAN BERNARDINO	UNIVERSITY OF REDLANDS	LA SIERRA UNIVERSITY
Machining & Forming Technologies	D, C, A, DE	D, C	N/A	D, C	N/A	N/A	N/A

INFORMATION AND COMMUNICATION TECHNOLOGY

	SAN BERNARDINO VALLEY COLLEGE	CHAFFEY	CRAFTON	RIVERSIDE COMMUNITY COLLEGE	CSU SAN BERNARDINO	UNIVERSITY OF REDLANDS	LA SIERRA UNIVERSITY
Networking	D, C, DE	D, C	D, C	D, C	D, C, A, DE	D, C	D
Software & Systems Development	D, C, DE	D, C	D, C	D, C	D, C	D, A	D

EXTENDED TRAINING/EDUCATION

POST SECONDARY DEGREE/CERTIFICATE OPPORTUNITIES

D=Degree Program C=Certificate Program A=Articulation Agreement In Place DE=Dual Enrollment

MARKETING, SALES AND SERVICES

	SAN BERNARDINO VALLEY COLLEGE	CHAFFEY	CRAFTON	RIVERSIDE COMMUNITY COLLEGE	CSU SAN BERNARDINO	UNIVERSITY OF REDLANDS	LA SIERRA UNIVERSITY
Marketing	D, C	D, C	D, C	D, C	D, C	D, C	D

PUBLIC SERVICE

	SAN BERNARDINO VALLEY COLLEGE	CHAFFEY	CRAFTON	RIVERSIDE COMMUNITY COLLEGE	CSU SAN BERNARDINO	UNIVERSITY OF REDLANDS	LA SIERRA UNIVERSITY
Legal Services	D, C, DE	D, A	D	D, C	D, C	D, C	D
Public Safety	D, C, DE	D, C	D	D, C	N/A	N/A	D, A

TRANSPORTATION

	SAN BERNARDINO VALLEY COLLEGE	CHAFFEY	CRAFTON	RIVERSIDE COMMUNITY COLLEGE	CSU SAN BERNARDINO	UNIVERSITY OF REDLANDS	LA SIERRA UNIVERSITY
Systems Repair and Diagnostics	D, C, A, DE	D, C	N/A	D, C, A	N/A	N/A	N/A

WORK-BASED LEARNING

WHAT IS WORK-BASED LEARNING?

Work-Based Learning (WBL) is where students are provided with real-life work experiences. Students have the opportunity to apply academic and technical skills and develop their employability. Work-Based Learning can take place in the classroom or the career sector.

In order to support comprehensive WBL programs, three main components need to be included:

- alignment of classroom and workplace learning.
- applications of academic, technical, and employability skills in a work setting; and
- support from classroom or workplace mentors



TYPES OF WORK-BASED LEARNING

Five types of Work-Based learning (WBL) are reported yearly to CALPADS. SBCUSD has been focused on Internships and Pre-apprenticeships.

1. Pre-Apprenticeships
2. Apprenticeships
3. Internships/Micro Internships
4. Student-Run Businesses
5. Simulated WBL

PRE-APPRENTICESHIPS

A pre-apprenticeship is connected to a registered apprenticeship that includes a formal agreement with the employer and/or sponsor-designated apprenticeship (college/skilled program). Essential components of a registered pre-apprenticeship include coursework directly related to a trade/occupation, relevant job-learning activities, and a certificate of completion.



"Pre-apprenticeships" are often confused with "Apprenticeships" for students who are under 18 years old and or still in high school. The term describing the student should be "Intern" or, if formalized, "Pre-Apprenticeship."

APPRENTICESHIP

In an approved Registered Apprenticeship Program (RAP), employers combine education with paid on-the-job training, allowing high school graduates to earn while learning. The average age of an apprentice is 30 years old.

- The California Division of Apprenticeship Standards (DAS) consults with employees to develop a skilled workforce with viable career pathways, which will increase productivity and strengthen our economy.
- Must be high school graduate and/or 18 years of age.



INTERNSHIPS/ MICRO-INTERNSHIPS

An internship is a work-based learning activity which allows students to apply classroom learning in a workplace setting. Internships are a measure of the College Career Indicators (CCI) and are tied to a pathway course, an instructor, a business, or a community partner. The instructor and industry partner work together to ensure student safety, and to monitor student progress.

Internships are:

- Supervised by an industry expert
- Tied to an instructor, course, and/or CTE program
- Paid or unpaid

Internships are not:

- Job shadows or other one-time events or experiences
- A job that a student secures
- Volunteering or working at campus events (Dance/rallies, etc.)

Micro-Internships

- Reduced period of time (could be a one-time event or experience)
- Applying skills from classroom learning
- Supervised by an industry expert
- Tied to an instructor, course, and/or CTE program
- Paid or unpaid





AWARENESS-

Learning **ABOUT** College and Career

Build awareness of the variety of careers available and the role of post-secondary education; Broaden student options.

Experience is defined by:

- One-time interaction with partner(s), often for a group of students.
- Designed primarily by adults to broaden student's awareness of a wide variety of careers & occupations

WBL may include:

- Workplace tour
- Guest Speaker
- Career Fair
- Create list of jobs interested in

Career Readiness Learning will include:

- Individual student learning, college & career plan (CCGI)
- Career interest inventory
- Online career related program
- AVID experiences if applicable
- Pathway exposure

Post-Secondary Learning will include:

- College Tour
- College & career interest

EXPLORATION-

Learning **ABOUT** College and Career

Explore career options & post-secondary requirements for purpose of motivation & to inform decision-making in high school and post-secondary.

Experience is defined by:

- One-time interaction with partner(s), for a single student or small group
- Personalized to connect to emerging student interests
- Student takes an active role in selecting & shaping the experience
- Individual student learning, college & career plan (CCGI)

WBL might include:

- Informational experiences
- Job shadow
- Micro-internships Micro link
- Mock interview with a partner

Career Readiness Learning might include:

- Community planning project
- Industry competition/event
- Resume development
- Business dress, behaviour, & etiquette training
- Pathway courses
- College & career plan (CCGI)

Post-Secondary Learning might include:

- College Tour
- College & career interest

PREPARATION-

Learning **Through** College and Career

Applying learning through practical experience that develops knowledge & skills necessary.

Experience is defined by:

- Direct interaction with partners over time
- Application of skills transferable to a variety of careers
- Activities have value beyond success in the classroom
- K-12 learning outcome for student and benefit to partner outcomes are equally valued

WBL might include:

- Industry-driven project
- Student-run enterprise
- Virtual experience
- Internship connected to curriculum
- Pre-apprenticeship opportunities(All Pathway students in approved program IE Connect Industry Skill Sets

Career Readiness Learning might include:

- Community planning project
- Industry competition/event (JAG,DECA,HOSA)
- Resume development
- Business dress, interviewing behaviour, and etiquette training
- Pathway courses
- College & career plan (CCGI)

Post-Secondary Learning might include:

- Dual-enrollment
- Integrated project
- College application

Final Preparation-

Learning **For** College and Career

Train for employment and/or enrollment in post-secondary education.

Experience is defined by:

- Interaction with partners over extended period of time
- Partner outcome is primary and K-12 student/learning outcome is secondary
- Develop mastery of occupation specific skills

WBL might include:

- Industry-driven project
- Student-run enterprise
- Virtual experience
- Internship connected to curriculum
- Pre-apprenticeship opportunities

Career Readiness Learning might include:

- Community planning project
- Industry competition/event
- Resume development
- Business dress, behaviour, & etiquette training
- Pathway courses
- College & career plan (CCGI)

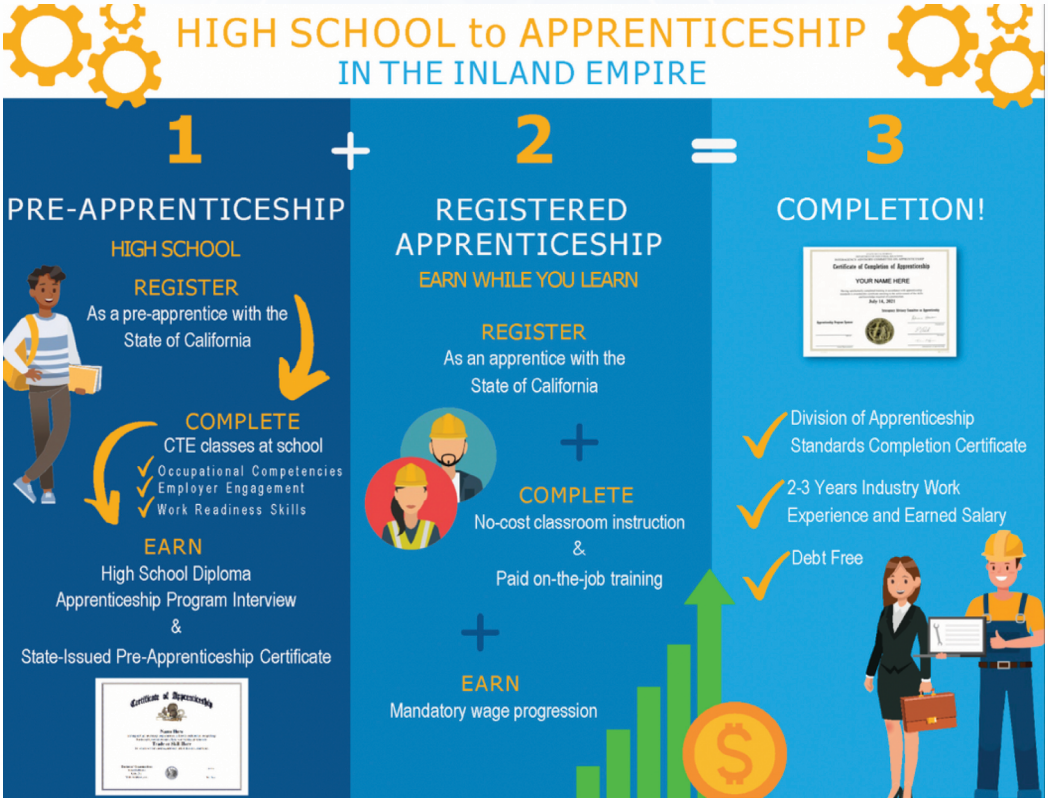
Post-Secondary Learning might include:

- Concurrent enrollment
- College application
- LAUNCH SB County Apprenticeship exploration SBVC exploration

SAN BERNARINO CITY UNIFIED SCHOOL DISTRICT

WORK-BASED LEARNING CONTINUUM

APPRENTICESHIPS



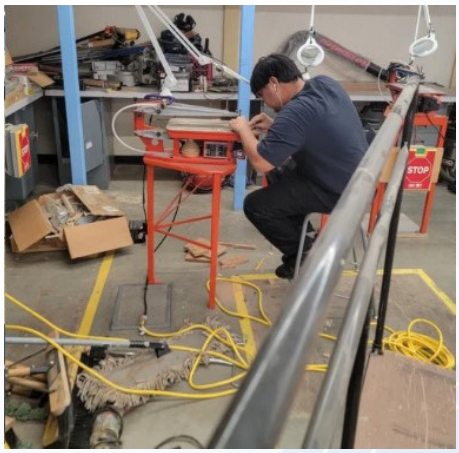
PRE-APPRENTICESHIP

A Registered Pre-Apprenticeship is a structured training program designed to prepare individuals for entry into a Registered Apprenticeship Program (RAP). These programs are recognized by the U.S. Department of Labor (DOL) or state apprenticeship agencies and provide participants with foundational skills, hands-on experience, and industry knowledge relevant to a specific trade or profession.

Key Features:

- Industry-Aligned Curriculum: Pre-apprenticeships teach technical and soft skills needed for success in a formal apprenticeship.
- Direct Pathway to Apprenticeship: Many programs have agreements with RAPs to ensure graduates receive priority entry or advanced standing.
- Hands-On Training: Participants gain practical experience through classroom instruction, lab work, and sometimes job-site exposure.
- Support Services: Programs often include career counseling, mentoring, and wraparound services to help participants succeed.
- No Cost or Low Cost: Many programs are funded through grants or industry partnerships, reducing financial barriers for learners.

Registered pre-apprenticeships serve as an inclusive gateway for underrepresented groups, including women and minorities, helping them access high-quality career pathways in skilled trades and technical fields.



SBCUSD APPROVED PRE-APPRENTICESHIP PROGRAMS

- Culinary - Automotive - Construction -
- Early Childhood Education - Mechatronics - EMS - Public Safety -

PATHWAYS TO COUNTY POSITIONS

CTE Pathways directly align to paid summer and post graduation jobs with the County of San Bernardino

SPARKS

Paid summer internships across all departments for the county

Support * Pathways * Access * Readiness * Knowledge

SPARK

A Youth Employment Program

https://hr.sbcounty.gov/spark-syep/

- **Support:** Offering guidance and mentorship for personal and professional growth.
- **Pathways:** Creating clear routes to employment and career advancement.
- **Access:** Ensuring equitable opportunities for all participants.
- **Readiness:** Preparing youth with essential workplace skills.
- **Knowledge:** Equipping participants with the tools needed to succeed.



CTE CAREER CONNECTIONS

SAN BERNARDINO COUNTY CAREER TECHNICAL CONNECTIONS

https://hr.sbcounty.gov/career-technical-connections/

Connecting Career Technical Education to County Careers

San Bernardino County is partnering with school districts to strengthen connections between Career Technical Education (CTE) programs and County employment opportunities. Through Career Technical Connections, the County is identifying positions where CTE certificates may meet minimum qualifications for consideration, helping students and job seekers better understand how their training can translate into meaningful careers in public service. This effort supports a more seamless pathway from education to employment while building a skilled, local workforce ready to serve our communities.

CTE INDUSTRY PARTNERS

What IS an Industry Partner?

Industry partners are crucial in Career and Technical Education (CTE) pathways, providing real-world experience, aligning curriculum with workforce needs, and enhancing student employability. Their involvement ensures that training programs remain relevant by incorporating current industry standards, emerging technologies, and essential skills. Through apprenticeships, internships, and mentorship programs, industry partners bridge the gap between education and employment, giving students hands-on learning opportunities and direct career pathways. Additionally, their investment—whether through equipment donations, guest lectures, or advisory roles—strengthens CTE programs and fosters a skilled workforce that meets industry demands.

Let's Connect

Join Our Team by scanning this QR Code

https://bit.ly/4eiEBww



COLLEGE PARTNERS

California State University San Bernardino

San Bernardino Valley College

Riverside Community College District

Crafton Hills College

Chaffey College

University of Redlands

La Sierra University

LABOR/PRE-APPRENTICESHIP & APPRENTICESHIP PARTNERS

San Bernardino Carpenters

IBEW Local 477

San Bernardino County Superintendent of Schools

International Brotherhood of Teamsters

LAUNCH

Workforce SBCSS

FREQUENTLY ASKED QUESTIONS:

1. Who can join a Pathway?

Anyone! There are no prerequisites to join a pathway.

2. How do I join a Pathway?

Just talk to your school counselor! We make it super easy. We WANT you to join a Pathway. The experiences are INVALUABLE.

3. What do you do in a Pathway class?

Pathway students get real-world experience through hands-on projects and micro-internships. They learn directly from teachers who have worked in the industry, so they are being trained by experts! Students also work on important soft skills specific to a career path. Plus, they have the opportunity to earn industry-recognized certifications that will allow them to stand out after high school. Pathways are all about preparing students for success in whatever comes next, whether it's college, work, or other opportunities!

4. Do I have to stay in a Pathway all the way through high school?

Pathway lengths vary between two to four years. Check with your school site counselor on the pathway's exit policy.

5. What if I want to change my "home" school to a different high school for their Pathway?

Any student can apply to transfer to any high school through the district standard transfer process.

NOTES

NOTES

SAN BERNARDINO CITY UNIFIED SCHOOL DISTRICT

SINCE 1964

www.sbcusd.com

SECONDARY EDUCATION

COLLEGE & CAREER