

JURUPA UNIFIED SCHOOL DISTRICT



CTE

COURSE GUIDE



TABLE OF CONTENTS

INTRODUCTION

Importance of Career Technical Education (CTE)
Today's CTE
CTE Industry Sectors and Pathways
Industry Exposure
Earn College Credit Taking CTE Classes
Meet A-G Requirements Taking CTE Classes

CTE OFFERINGS

Jurupa Valley High School
Nueva Vista High School
Patriot High School
Rubidoux High School

CONTINUE YOUR TRAINING/EDUCATION

Programs Available at Partner Community Colleges

CONTRACTED INDUSTRY PARTNERS



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*

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.

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 industry 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.

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



We asked recent CTE graduates what they would tell an incoming freshman about CTE. Here is what JUSD students had to say:

- CTE is fun and can help you if you want to pursue a career in this field.
- It's really fun and will give you more understanding of what you want to do when you graduate.
- CTE is a class where you don't just learn something for the short term and forget, you learn things you can use after high school.
- Take any CTE program seriously and be responsible because CTE really helps you prepare for your future.
- Join CTE- it was one of the best experiences of my life.

TODAY'S CTE

When "vocational ed" was established decades ago, programs such as auto shop, wood shop, cosmetology and culinary arts were available, offering a pathway for non-college bound students to go straight into the workforce after high school.

Today's CTE is considered a pathway for students not only entering the workforce after graduation, but for those who plan on attending trade schools, two-year colleges for certificate programs and four-year universities. CTE is considered a stepping stone to higher education — and an avenue for students to hold jobs in their field while attending college, if they choose.

Today the goal is training all students for careers, with multiple entry points into industry and their careers. We prepare students to enter the workforce after high school graduation and also connect students to additional training and degree programs.





CTE INDUSTRY SECTORS AND PATHWAYS

Industry Sectors

Jurupa Unified School District offers CTE programs in the following industry sectors:

- Agriculture & Natural Resources
- Arts, Media & Entertainment
- Building & Construction Trades
- Engineering & Architecture
- Health Science & Medical Technology
- Hospitality, Tourism & Recreation
- Information & Communication Technology
- Manufacturing & Product Development
- Marketing, Sales & Service
- Public Services
- Transportation



Industry Exposure

In each CTE program students get to learn from professionals currently working in that industry. Guest speakers from varied aspects of the industry share their experiences and advise to students. Classes also tour industry facilities and some classes offer actual work experience to the students.

CTE Pathways

California's industry sectors are very broad and include 100's of careers. Each CTE pathway focuses on a subset of careers within the sector and includes at least 2 years of courses. For example, we offer Patient Care pathways that are part of the larger Health Science & Medical Technology industry sector.





Earn College Credit Taking CTE

Most of our CTE pathways give students the opportunity to earn college credit via articulation. Articulated classes are approved by local community colleges to award college credit because the content and learning outcomes in the CTE match what students would learn in a college class. To be eligible for articulated credit, students must earn at least a C first semester and B second semester. Articulated courses are identified in this course guide.

Meet A-G Requirements with CTE

Many CTE classes are part of the A-G requirements for admission to the University of California and the California State University systems. These A-G courses are identified in this course guide. To learn more about the A-G Requirements:

<https://www.cde.ca.gov/ci/gs/hs/hsgtable.asp>

Industry Certifications

All of our CTE pathways give students the opportunity to earn at least one industry-recognized certification- which can include OSHA-10, Advanced Life Support, food handlers cards and more. Certifications are identified in this course guide.



JURUPA UNIFIED SCHOOL DISTRICT
JURUPA VALLEY HIGH SCHOOL
CAREER TECHNICAL EDUCATION

*Bold Letter= A-G category



CTE OFFERINGS

INDUSTRY SECTOR	CTE PATHWAY	INTRODUCTORY COURSE	CONCENTRATOR COURSE	CAPSTONE COURSE	EARLY COLLEGE CREDIT OFFERED	INDUSTRY CERTIFICATION
Agriculture and Natural Resources	Agriscience	Ag Earth & Space D	Bio Agriscience D	Environmental Horticulture D		YES
Arts, Media, & Entertainment	Graphic Design		Computer Graphics & Design F	Graphic Technology & Print Careers F	YES	YES
Arts, Media, & Entertainment	Digital Photo		Digital Photo 1 F	Digital Photo 2 F	YES	YES
Building and Construction Trades	Residential & Commercial Construction		Construction Tech I G	Construction Tech II	Submitted	YES
Engineering & Architecture	Engineering Design		Innovation & Design F	Principles of Innovation D	YES	YES
Information and Communication Technology	Information Support Services		Intro to Computer Science G	IT Service Technician	YES	YES
Manufacturing & Product Development	Product Innovation & Design		Computer Integrated Manufacturing D	Engineering Design & Development D		YES
Transportation	Systems Diagnosis, Service and Repair		Auto I G	Auto II G	YES	YES

JURUPA UNIFIED SCHOOL DISTRICT PATRIOT HIGH SCHOOL CAREER TECHNICAL EDUCATION

*Bold Letter= A-G category



INDUSTRY SECTOR	CTE PATHWAY	INTRODUCTORY COURSE	CONCENTRATOR COURSE	CAPSTONE COURSE	EARLY COLLEGE CREDIT OFFERED	INDUSTRY CERTIFICATION
Arts, Media, & Entertainment	Graphic Design		Computer Graphics & Design F	Graphic Technology & Print Careers	YES	YES
Building and Construction Trades	Residential & Commercial Construction		Construction Tech I G	Construction Tech II	YES	YES
Health Science & Medical Technology	Patient Care/ Sports Medicine		Sports Med Advanced G	RCOE Applied Kinesiology		YES
Health Science & Medical Technology	Patient Care/ Emergency Medicine		Medical Professions G	Public Safety/ First Aid G	YES	YES
Information and Communication Technology	Web & Social Media Programming & Design		ICT Media Production F	ICT Media Broadcasting F	YES	YES
Marketing, Sales & Service	Professional Sales		RCOE Intermediate Marketing G	Advanced Retail Operations G		YES
Public Services	Public Safety		Law Enforcement G	Crime Scene Investigation G	YES	YES

JURUPA UNIFIED SCHOOL DISTRICT
RUBIDOUX HIGH SCHOOL
CAREER TECHNICAL EDUCATION

*Bold Letter= A-G category



INDUSTRY SECTOR	CTE PATHWAY	INTRODUCTORY COURSE	CONCENTRATOR COURSE	CAPSTONE COURSE	EARLY COLLEGE CREDIT OFFERED	INDUSTRY CERTIFICATION
Agriculture and Natural Resources	Animal Science	Horsemanship	Advanced Horsemanship	Veterinary Science D	YES	YES
Agriculture and Natural Resources	Ornamental Horticulture	Ag Biology D	Ag Chemistry D	Floral Design F		YES
Arts, Media, & Entertainment	Visual/Commercial Art		Digital Photo I F	Digital Photo II F	YES	YES
Arts, Media, & Entertainment	Film/Video Production		Video Production F	Television Production F	YES	YES
Arts, Media, & Entertainment	Performing Arts Higher Register Choral		Upper Voices & Professions F	Trebel Choir & Professions F		YES
Arts, Media, & Entertainment	Performing Arts Lower Register Choral		Mixed Choir & Professions F	Concert Choir & Professions F		YES
Arts, Media, & Entertainment	Performing Arts Instrumental		Concert Band & Professions F	Wind Ensemble & Professions F		YES

JURUPA UNIFIED SCHOOL DISTRICT RUBIDOUX HIGH SCHOOL CAREER TECHNICAL EDUCATION

*Bold Letter= A-G category



Health Science & Medical Technology	Emergency Medicine	Medical Professions G	Public Safety/ First Aid G	YES
Hospitality, Tourism & Recreation	Food Service & Hospitality	RCOE Intermediate Culinary Arts G	Culinary Advanced ROP G	YES
Transportation	Structural Repair & Refinishing Pathway	RCOE Intermediate Auto Collision G	Auto Collision Advanced ROP G	YES

JURUPA UNIFIED SCHOOL DISTRICT NUEVA VISTA HIGH SCHOOL CAREER TECHNICAL EDUCATION

*Bold Letter= A-G category



INDUSTRY SECTOR	CTE PATHWAY	INTRODUCTORY COURSE	CONCENTRATOR COURSE	CAPSTONE COURSE	EARLY COLLEGE CREDIT OFFERED	INDUSTRY CERTIFICATION
Information and Communication Technology	Information Support Services		Intro to Computer Support G	IT Service Technician		YES
Transportation	Operations		Distribution & Logistics G	Distribution Management		YES

CONTINUE YOUR TRAINING/EDUCATION

Building and Construction Trades

D = Degree Program, C = Certificate Program

College	Barstow	Chaffey	College of the Desert	Norco	Palo Verde	Riverside City	San Bernardino Valley	Victor Valley
Construction & Carpentry					D C			D C
Construction Inspection			C	D C		C	D C	C
Construction Management			D C	D C				C
Electric & Electronics	C	D C		D C			D C	D C
HVAC			D C	D C		D C	D C	

Engineering & Architecture

D = Degree Program, C = Certificate Program

College	Chaffey	College of the Desert	Copper Mountain	Mt. San Jacinto	Norco	San Bernardino Valley	Victor Valley
Architecture	D C	D C			D C	D C	D C
Drafting Technology	C	D C	C	D C	D C		D C
Engineering Technology	D C				C		
Mechanical Drafting	D C				D C		

Agriculture and Natural Resources

D = Degree Program, C = Certificate Program

College	College of the Desert	Mt. San Jacinto	Palo Verde	Victor Valley
Agri-Business	D C			
Ag Sciences	D C		C	D C
Animal Science				D C
Horticulture	D C	D C		D C
Landscape & Irrigation	C			C
Natural Resources	D C			C
Pest Control & Food Safety	C			
Turfgrass Technology	D C			

Arts, Media, & Entertainment

D = Degree Program, C = Certificate Program

College	Barstow	Chaffey	College of the Desert	Crafton Hills	Moreno Valley	Mt. San Jacinto	Norco	Palo Verde	Riverside City	San Bernardino Valley	Victor Valley
Animation			C						C		C
Audio Production		D C	C			D C	D C			D C	
Digital & Multimedia			C	D C	D C	D C	D C	C	D C		C
Film Production		C	D C							D	
Game Design			C				D C				
Graphic Design		D C	D C	C	C	D	D C		C	D C	
Journalism		D C	D		D				D	C	
Mass Communications			D								
Music		D		D C		D	D C		D C	D	D
Photography	D C	D C	C			D C			D C		
Radio & Television		D C	D C			D			D C	D C	
Social Media		C								C	
Technical Theater		C		C		D C			C	C	

Health Science & Medical Technology

D = Degree Program, C = Certificate Program

College	Barstow	Chaffey	College of the Desert	Copper Mountain	Crafton Hills	Moreno Valley	Mt. San Jacinto	Palo Verde	Riverside City	San Bernardino Valley	Victor Valley
Athletic Training/ Sports Medicine		C	D						D C		
Community Health Care/ Gerontology		D C	C								
Dental Assistant		D C									
Dental Hygienist						D					
Emergency Medicine	C	C	C		C	C					C
Fitness Trainer			C			C			D C		
Home Health Aide		C		C							
Licensed Vocational Nurse		D C	D C	D C				C	D C		
Medical Assisting						D C	D C		C	C	D C
Nursing Assistant		C		C	C			C	C		
Nutrition & Dietetics		D C	D C	C	D		D C		D C	D C	D
Paramedic					D C	D C					D C
Pharmacy Technology			C							D C	
Phlebotomy								C			
Physical Therapy			D								
Psychiatric Technology										D C	
Public Health		D	D		D		D	D			D
Radiologic Technology		D			D C						
Registered Nursing		D C	D	D			D	D	D C	D	D C
Respiratory Therapy					D						D C
Sonography/ Tomography		C					D				

Hospitality, Tourism & Recreation

D = Degree Program, C = Certificate Program

College	Chaffey	College of the Desert	Riverside City	San Bernardino Valley	Victor Valley
Baking	D C	C			
Culinary Arts	D C		D C		
Food & Nutrition				C	
Restaurant & Food Service Management				D C	D C

Information and Communication Technology

D = Degree Program, C = Certificate Program

College	Barstow	Chaffey	College of the Desert	Copper Mountain	Crafton Hills	Moreno Valley	Mt. San Jacinto	Norco	Palo Verde	Riverside City	San Bernardino Valley	Victor Valley
Computer & Software Applications		C	D C	C	C	D C	D C	D C	C	C	D C	D C
Computer Information Systems	D C	D C	D	D	D C		D C		D C		D C	D C
Computer Networking		C	D	C	D C	C	C			C	C	
Computer Programming		C		D C	D C	D C	C	D C		D C	D C	C
Computer Support		C		C	C	C			C	C	C	
Cybersecurity	C	D C			C	D C				D C	C	
Data Analytics & Management						D C				C		C
Digital Forensics											C	
GIS			C				D C				C	
Website Design & Development		C			D C	C				C		C

Manufacturing & Product Development

D = Degree Program, C = Certificate Program

College	Barstow	College of the Desert	Norco	Palo Verde	Riverside City	San Bernardino Valley	Victor Valley
Machine Operators & Programmers			D C			D C	
Manufacturing & Industrial Systems/Technology	D C		D C			D C	
Welding Technology	D C	C		D C	D C	D C	D C

Marketing, Sales & Service

D = Degree Program, C = Certificate Program

[illegible]

CONTRACTED INDUSTRY PARTNERS

Post-secondary Educational Partners



Contracted Industry Partners



The Jurupa Unified School District does not discriminate on the basis of ethnic group identification, ancestry, gender, gender identity, gender expression, sexual orientation, religion, race or ethnicity, color, nationality, national origin, sex, sexual orientation, age, or mental or physical disability, or affiliation with the Boy Scouts of America and other designated youth groups, or any other basis protected by law or regulation in any of its policies, procedures or practices, nor does it permit, condone, or allow sexual harassment of students or staff members. Any student or employee who is found guilty of sexual harassment shall be subject to disciplinary action. Inquiries regarding Federal laws and regulations concerning nondiscrimination or questions or complaints pertaining to sexual harassment or gender equity should be directed to the District

Title IX Coordinator:

Olga Alferez, Director

Educational Equity

Education Center

4850 Pedley Road

Jurupa Valley, CA 92509

(951) 360-4140

Questions, complaints, or requests for additional information regarding the ADA and Section 504 should be directed to the ADA and Section 504 Compliance Coordinator:

Sylvia Bottom, Director

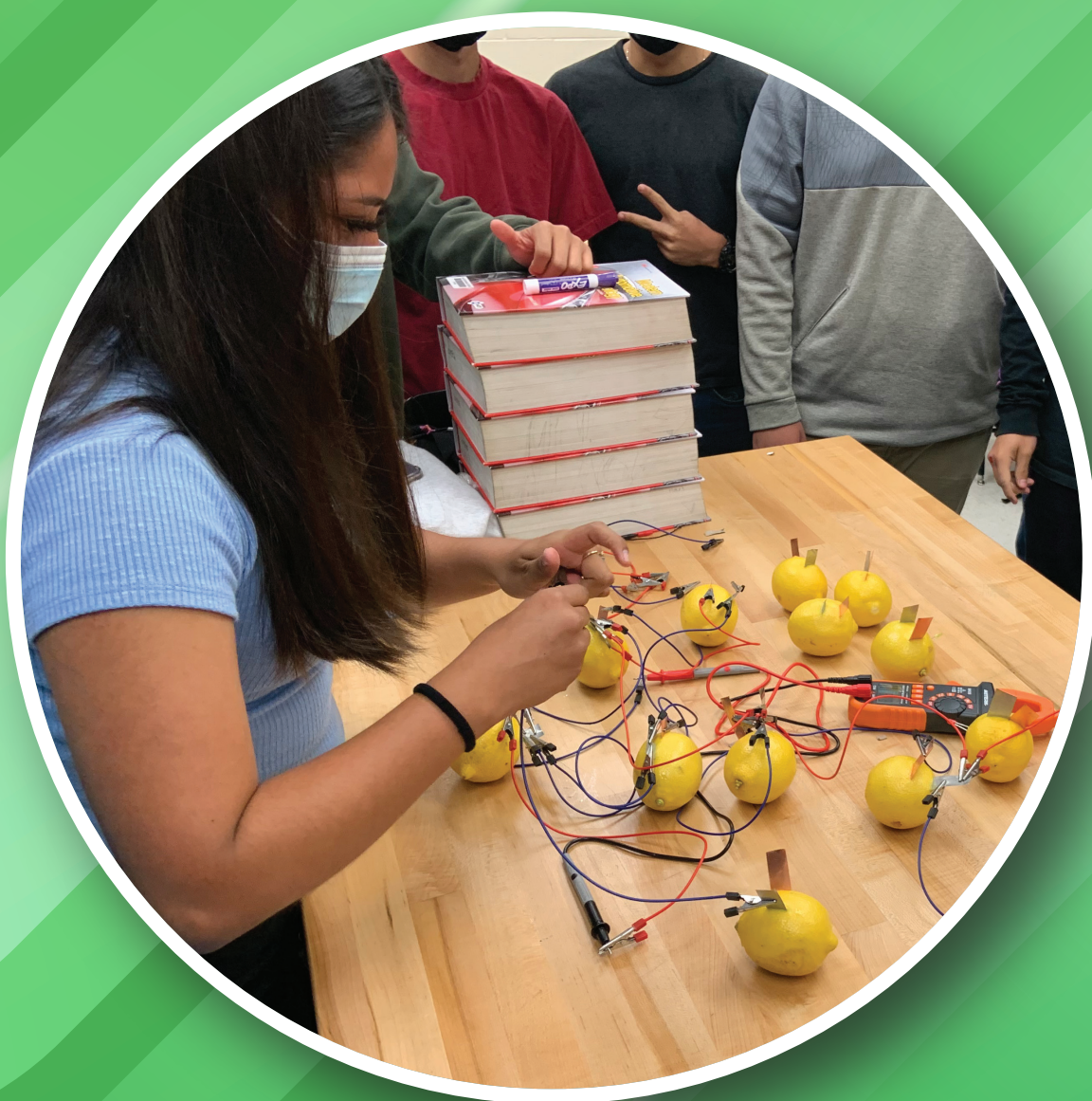
Special Education

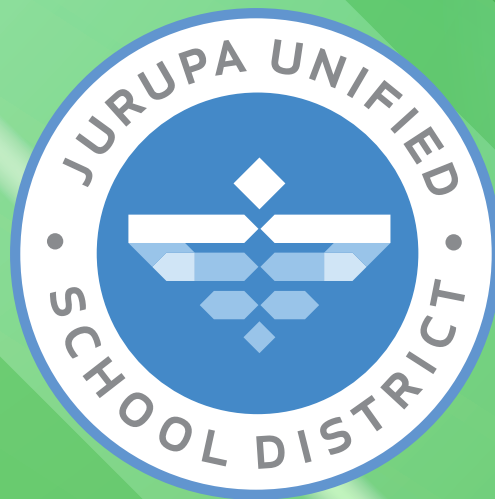
Education Center

4850 Pedley Road

Jurupa Valley, CA 92509

(951) 360-4144





JURUPAUSD.ORG