

November 7, 2023

Webinar

# Designing Pathways with Community Partners

## Capacity-building Webinars for CCAP Dual Enrollment

# Welcome



Diane Crum  
**Education Programs Consultant, High  
School Innovations and Initiatives Office**  
California Department of Education

# Agenda

- Welcome
- Pathways Overview
- Guests
  - McFarland High School
  - CARECEN & East LA College
- Questions



## About CLP

Career Ladders Project promotes equity-minded community college redesign.

We collaborate with colleges and their partners to discover, develop, and disseminate effective practices. Our policy work, research, and direct efforts with colleges lead to system change—and enable more students to attain certificates, degrees, transfers, and career advancement.

# CLP Team



**Dr. Naomi Castro**  
Chief Program Officer



**Laurencia Walker**  
Director



**Cristina Sandoval**  
Senior Program Associate

# Pathways Overview

- What is a pathway anyway?

# CCAP

Ed Code

76004

The governing board of a community college district may enter into a College and Career Access Pathways (CCAP) partnership with the governing board of a school district or a county office of education for the purpose of offering or expanding dual enrollment opportunities for pupils who may not already be college bound or who are underrepresented in higher education, with the goal of developing seamless pathways from high school to community college for **career technical education** or **preparation for transfer**, **improving high school graduation rates**, or helping high school pupils achieve **college and career readiness**.

# CCAP

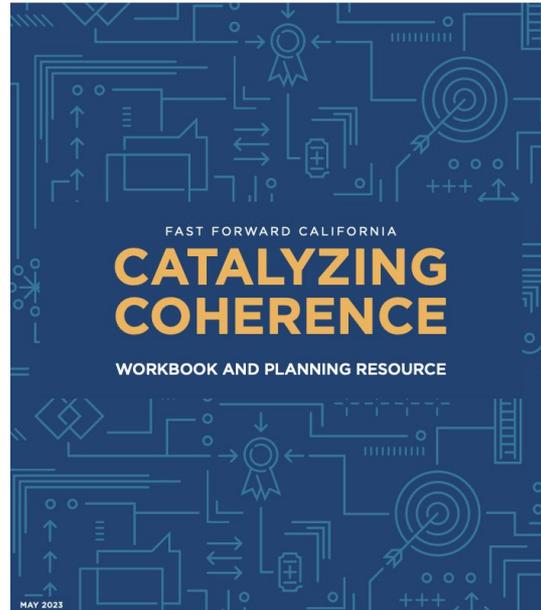
Ed Code

76004

... the goal of developing seamless pathways from high school to community college for: **1. career technical education** or **2. preparation for transfer**, **3. improving high school graduation rates**, or helping high school pupils achieve **4. college and career readiness.**

# Coherence Mapping Tool

## In preparation for the Golden State Pathways Grant ....



# ECOSYSTEM MAPPING

## PARTNERS



### Student Supports

Academic, social and basic needs supports from counselling support to Community Schools.



### Pathways

Sequence of courses, stackable, that lead to an industry certification and/or a college certificate or degree. Courses and other experiences prepare students for both college and career.



### Early College Credit

While students are in high school. Credit applies to both college and high school completion, and is embedded in a pathway, and leads to certificates and degrees.



### Work-based Learning

Utilizing the continuum: career awareness, exploration, career preparation, and career training.

HIGH IMPACT



LOW IMPACT



HIGH IMPACT



LOW IMPACT



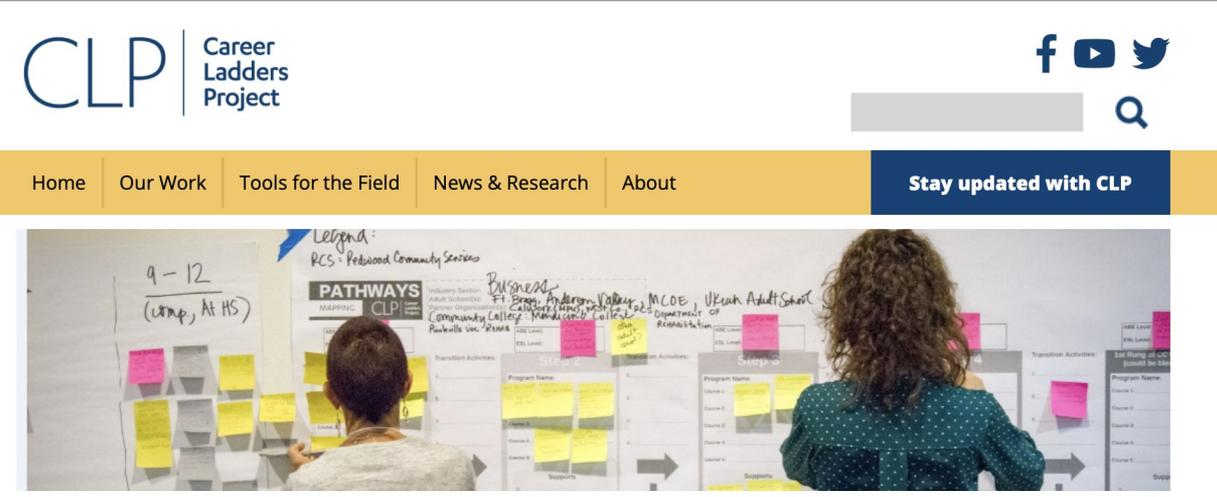
## FUNDING

Student Supports, Early College Credit, and Work-based Learning are all part of well designed pathways, and could all fit in the "Pathways" column. For the purpose of this mapping exercise, it's important to dedicate specific attention to each area.

# Career Pathways

- Include **on-ramps** or **bridge** programs *also off ramps*
- Span entire **range**
- Are **stackable**
- **Contextualize** learning
- **Aligned** with workforce needs
- Engage **employers**
- **In demand** careers
- **Work-based learning**
- Use **data** for improvement

# Mapping Toolkit



**CLP** | Career Ladders Project

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**Career Pathways Mapping Toolkit**

Career pathways maps perform three main functions: they clarify and align programs and services; they link increasing levels of certification, education, and employment; and they support students in choosing among the opportunities that interest them. This toolkit is for community colleges, their K-12 partners, and—ideally—four-year institutions to use in mapping strong, seamless career pathways. Clear career pathways maps enable more students to advance through college, attain credentials with labor market value, and earn wages that sustain their families.

# PATHWAYS TO PUBLIC SERVICE & LAW - Contra Costa College and WCCUSD



B.A/B.S. Pre-Law Major options	B.S. Criminal Justice Administration CSU East Bay	Police Academy, min age 21, A.S. plus B.A.
<b>INDUSTRY CERTIFICATION</b>	<b>AA/A.S Degree/Transfer</b>	<b>JOBS &amp; WAGES</b>
National Security Associate	A.A. Political Science	<b>Probation Officer,</b> Correctional Treatment Specialist: requires B.A. Degree, \$27-\$50/hr Corrections Officer: \$24-\$38/hr Police Patrol Officer: \$25-\$53/hr Juvenile Counselor: Degree in Corrections \$14-\$40/hr
POST (Peace Officer Standards and Training) Commission	A.S. Administration of Justice: Corrections A.S. Administration of Justice: Law Enforcement A.S. and A.S.T. Administration of Justice	
	Pre-Law Pathway	
	<b>General Education</b>	
	<b>Mid-Level Certificate</b>	
Fire Arms Certificate	Law Enforcement Certificate of Achievement	<b>Loss Prevention: \$10-\$28/hr</b> Retail/Grocery Transportation/Logistics Armed Patrol Officer: \$9-\$20/hr Security Operator: \$14-\$19/hr
	Corrections Certificate of Achievement	
	Homeland Security Certificate of Achievement	
	Loss Prevention Certificate of Achievement	
	<b>ADJUS, required courses</b>	
	<b>Security Academy, ADJUS 164 Coop Ed</b>	
	<b>Entry Level Certificate</b>	
Work Keys (Police Officer/Security)		<b>Security Officer: \$9-\$19/hr</b> Police Aide: \$10-\$12/hr Transportation Security Screener: \$16-\$22/hr
Baton License	Security Specialist, 12 units	
Powers to Arrest		
OC Spray Certification (Pepper Spray)	Summer Bridge	

COMMUNITY COLLEGE

ADVANCED

INTERMEDIATE

ENTRY

## Transition Supports and Activities for West Contra Costa Unified School District Students (includes Summer Bridge Prep)

DE ANZA H.S. LAW ACADEMY			PINOLE VALLEY H.S. LAW & JUSTICE ACADEMY			RICHMOND H.S. LAW & JUSTICE ACADEMY			
Instruction	WBL	Matriculation	Instruction	WBL	Matriculation	Instruction	WBL	Matriculation	
Dual Enrollment: ADJUS 135 Law and Democracy  Capstone	Summer Internship Center YD	CCC Application & Early Assessment CCC Faculty visits		Summer Internship Center YD	CCC Application & Early Assessment CCC Faculty visits	Dual Enrollment: ADJUS 135 Law and Democracy  ROP Classes	Summer Internship Center YD	CCC Application & Early Assessment Student Success Workshops w/CCC	<b>12</b>
Dual Enrollment: ADJUS 121 Concepts of Criminal Law ADJUS 122 Criminal Procedure Law and Justice (Criminal Law)		CCC Faculty visits			CCC Faculty visits	Dual Enrollment: ADJUS 121 Concepts of Criminal Law ADJUS 122 Criminal Procedure ROP Classes		CCC Faculty visits	<b>11</b>
Intro to Law	Criminal Justice Guest Speakers Police St. Visit	CCC Faculty visits		Criminal Justice Guest Speakers Police St. Visit	CCC Faculty visits	ROP Classes	Criminal Justice Guest Speakers Police St. Visit	CCC Faculty visits	<b>10</b>
		CCC Faculty visits			CCC Faculty visits	ROP Classes		CCC Faculty visits	<b>9</b>

HIGH SCHOOLS

# PATHWAYS TO PUBLIC SERVICE & LAW - Contra Costa College and WCCUSD



B.A/B.S. Pre-Law Major options		B.S. Criminal Justice Administration CSU East Bay		Police Academy, min age 21, A.S. plus B.A.	
INDUSTRY CERTIFICATION	A.A. Degree/Transfer			JOBS & WAGES	
National Security Associate	A.A. Political Science	A.S. Administration of Justice: Enforcement	A.S. and A.S.T. Administration of Justice	<b>Probation Officer, Correctional Treatment Specialist:</b> requires B.A. Degree, \$27-\$50/hr <b>Corrections Officer:</b> \$24-\$38/hr <b>Police Patrol Officer:</b> \$25-\$53/hr <b>Juvenile Counselor:</b> Degree in Corrections \$14-\$40/hr	
POST (Peace Officer Standards and Training) Commission	Pre-Law Pathway				
Fire Arms Certificate				<b>Loss Prevention:</b> \$10-\$28/hr Retail/Grocery Transportation/Logistics <b>Armed Patrol Officer:</b> \$9-\$20/hr <b>Security Operator:</b> \$14-\$19/hr	
Work Keys (Police Officer/Security)				<b>Security Officer:</b> \$9-\$19/hr <b>Police Aide:</b> \$10-\$12/hr <b>Transportation Security Screener:</b> \$16-\$22/hr	
Baton License					
Powers to Arrest					
OC Spray Certification (Pepper Spray)					
Transition Supports and Activities for At-Risk Students (includes Summer Bridge Prep)					

COMMUNITY COLLEGE

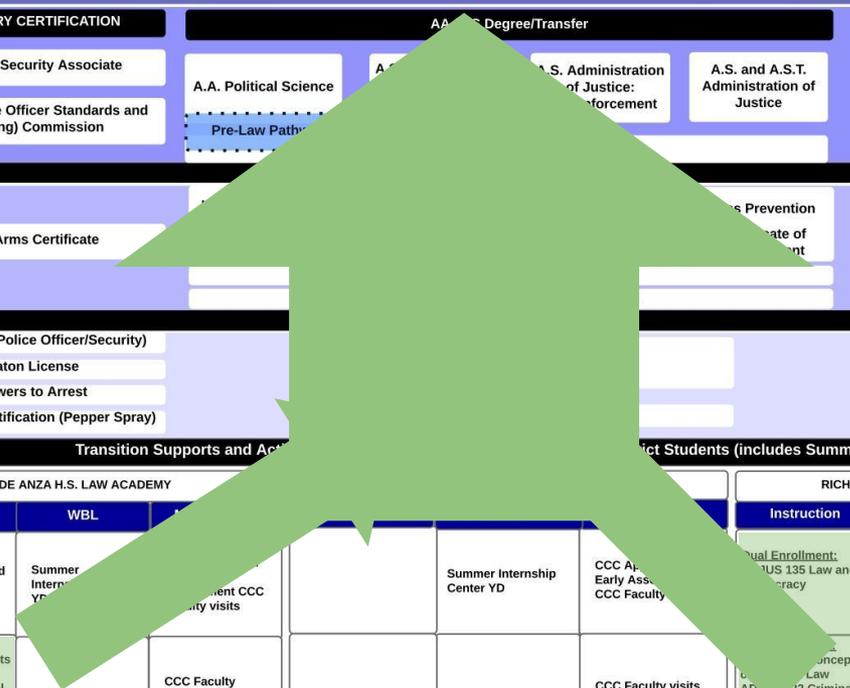
ADVANCED

INTERMEDIATE

ENTRY

DE ANZA H.S. LAW ACADEMY						RICHMOND H.S. LAW & JUSTICE ACADEMY			
Instruction	WBL					Instruction	WBL	Matriculation	
Dual Enrollment: ADJUS 135 Law and Democracy	Summer Internship YD	CCC Faculty visits		Summer Internship Center YD	CCC Application & Early Assessment	Dual Enrollment: ADJUS 135 Law and Democracy	Summer Internship Center YD	CCC Application & Early Assessment Student Success Workshops w/CCC	12
Capstone									
Dual Enrollment: ADJUS 121 Concepts of Criminal Law		CCC Faculty visits			CCC Faculty visits	Concepts of Criminal Law		CCC Faculty visits	11
ADJUS 122 Criminal Procedure						ADJUS 122 Criminal Procedure			
Law and Justice (Criminal Law)						ROP Classes			
Intro to Law	Criminal Justice Guest Speakers Police St. Visit	CCC Faculty visits		Criminal Justice Guest Speakers Police St. Visit	CCC Faculty visits	ROP Classes	Criminal Justice Guest Speakers Police St. Visit	CCC Faculty visits	10
		CCC Faculty visits			CCC Faculty visits	ROP Classes		CCC Faculty visits	9

HIGH SCHOOLS



**INDUSTRY CERTIFICATIONS**

**ADVANCED LEVEL**

-NIMS Level 2

**MID LEVEL**

-NIMS  
-American Welding Society AWS EG 3.0

**ENTRY LEVEL**

-NIMS  
-FMA - Precision Sheet Metal Operator (PSMO)  
-PMP(project management)

**WORK BASED LEARNING**

**ADVANCED LEVEL**

**MID LEVEL**

**ENTRY LEVEL**

**BA/BS Degree/Transfer**

**B.S. Mechanical Engineering**

**B.S. Electrical Engineering**

**B.S. Industrial Engineering**

**AA/J.A.S Degree/Transfer**

**AS - Welding Technology - Pipe Welding (30 units)**

WELD-101A Introduction to Shielded Metal Arc Welding (2.5 units)  
WELD-101B Intermediate Shielded Metal Arc Welding (2.5 units)  
WELD-101C Advanced Shielded Metal Arc Welding (2.5 units)  
WELD-104 Introduction to Gas Tungsten Arc Welding (2 units)  
WELD-105 Advanced Gas Tungsten Arc Welding (2 units)  
WELD-165 Pipe Welding Fundamentals (3 units)  
CWE-188WELD Cooperative Work Experience Education (1 - 4 units)

**AS - Welding Technology - Metal Fabricator/Welder (30 units)**

WELD-092 Introduction to Metal Fabrication (2 units)  
WELD-093 Intermediate Metal Fabrication (2 units)  
WELD-094 Advanced Metal Fabrication (2 units)  
WELD-101A Introduction to Shielded Metal Arc Welding (2.5 units)  
WELD-104 Introduction to Gas Tungsten Arc Welding (2 units)  
WELD-105 Advanced Gas Tungsten Arc Welding (2 units)  
CWE-188WELD Cooperative Work Experience Education (1 - 4 units)

**AS - Welding Technology - Industrial Welder (30 units)**

WELD-120 Industrial Welding I (5 units)  
WELD-122 Industrial Welding II (5 units)  
WELD-124 Industrial Welding III (5 units)  
WELD-114A Introduction to Robotic Welding Automation (2.5 units)  
WELD-114B Intermediate Robotic Welding Automation (2.5 units)  
WELD-114C Advanced Robotic Welding Automation (2.5 units)

**AS - Welding Technology - Laddered Specialization (30 units)**

WELD-101A Introduction to Shielded Metal Arc Welding (2.5 units)  
WELD-101B Intermediate Shielded Metal Arc Welding (2.5 units)  
WELD-101C Advanced Shielded Metal Arc Welding (2.5 units)  
WELD-114A Introduction to Robotic Welding Automation (2.5 units)  
WELD-114B Intermediate Robotic Welding Automation (2.5 units)  
WELD-114C Advanced Robotic Welding Automation (2.5 units)  
**Required Electives:**  
WELD-080 Non-Destructive Testing (3 units)  
WELD-130 Welding Metallurgy (3 units)  
WELD-132 Blueprint Reading for Welders and Fabricators (3 units)  
MFGT-090 Measurements and Computations (3 units)  
ENGL-094 Introduction to Technical Reading and Writing (3 units)  
**OR**  
ENGL-204 Technical Report Writing (3 units)  
Recommended Electives:  
WELD-096 Welding Certification and License Preparation (3 units)

**General Education**

**Mid Level Certificate**

**Certificate of Specialization - Manufacturing Technology - Automated Machining (12 units)**

MFGT-121 CNC 1: Operation and Manual Programming (3 units)  
MFGT-122 CNC 2: Concepts and Programming (3 units)  
MFGT-131 CAD/CAM I (3 units)  
MFGT-132 CAD/CAM II (3 units)

- Community and Contract
- Education Opportunities:
- Project Management
- Software
- Welding

**Certificate of Specialization - Welding Technology - Robotic Welding Automation (16.5 units)**

WELD-114A Introduction to Robotic Welding Automation (2.5 units)  
WELD-114B Intermediate Robotic Welding Automation (2.5 units)  
WELD-114C Advanced Robotic Welding Automation (2.5 units)  
**Required Electives:**  
WELD-080 Non-Destructive Testing (3 units)  
WELD-130 Welding Metallurgy (3 units)  
WELD-132 Blueprint Reading for Welders and Fabricators (3 units)

**Entry Level Certificate**

**Certificate of Specialization - Manufacturing Technology - CATIA (6 units)**

MFGT 141 CATIA I (3 units)  
MFGT 142 CATIA II (3 units)

**Certificate of Specialization - Mechanical Drafting (9 units)**

ENGR 110 - Intro to AutoCAD (3 units)  
ENGR 114 - Solids Modeling for Mechanical Drafting (3 units)

**PLUS 3 Units from the following:**  
MFGT 121 - CNC 1: Operation/Manual Programming (3 units)  
MFGT 131 - CAD/CAM I (3 units)

**Certificate of Specialization - Manufacturing Technology - CAD/CAM (6 units)**

MFGT 131 CAD/CAM I (3 units)  
MFGT 132 CAD/CAM II (3 units)

- Community and Contract
- Education Opportunities:
- Project Management
- Software
- Welding

**Certificate of Specialization - Manufacturing Technology - Machining/CNC (6 units)**

MFGT 121-CNC 1 Operation/Manual Programming (3 units)  
MFGT 122-CNC 2 Concepts and Programming (3 units)

- Community and Contract Education
- Opportunities: Center for Applied Competitive Technologies (CACT) located on-site at Aerospace Dynamics International (ADI)

**Certificate of Specialization - Welding Technology - Shielded Metal Arc Welding (16.5 units)**

WELD-101A Introduction to Shielded Metal Arc Welding (2.5 units)  
WELD-101B Intermediate Shielded Metal Arc Welding (2.5 units)  
WELD-101C Advanced Shielded Metal Arc Welding (2.5 units)  
**Required Electives:**  
WELD-080 Non-Destructive Testing (3 units)  
WELD-130 Welding Metallurgy (3 units)  
WELD-132 Blueprint Reading for Welders and Fabricators (3 units)

**Bridge:**  
• Nuts and Bolts and Thingamajigs

**STUDENT SUPPORTS**  
ADVANCED LEVEL

**JOBS AND WAGES**  
ADVANCED LEVEL

**ADVANCED LEVEL**

-Welding Inspector,  
-Welding Technician/Fitter,  
\$14.84-25.13/hr  
-Pipe Fitter,  
\$18.92-35.73/hr  
-Metal Fabricator,  
\$14.03-24.24/hr

**MID LEVEL**

-Career Center & Industry +  
-Application Interview Prep\*  
- Counselor and Academic Advisors specialized to Pathway + Student Success Teams

**MID LEVEL**  
-Welder,  
\$14.84-25.13/hr  
-Mechanical Drafter,  
\$20.97-35.28/hr

automotive, aerospace, and manufacturing entry level designer or drafter

**ENTRY LEVEL**

-Integrate Support Services\*  
-Tutoring TL+\*  
-Friendly Face\*  
-Student Success Team\*  
-Career Coach  
-Counselor  
-Student

**ENTRY LEVEL**  
-Mechanical Drafter (CAD/CAM),  
\$20.97-35.28/hr  
-Woodworking Machine Setters, Operators and Tenders, May operate CNC equipment,  
\$10.51-16.85/hr  
-CNC Lathe Operator,  
\$13.06-21.75/hr  
-CNC/production machinist \$19.49

**INDUSTRY CERTIFICATIONS**

**ADVANCED LEVEL**

-NIMS Level 2

**WORK BASED LEARNING**

**ADVANCED LEVEL**

-NIMS Jobsite Welding Society AWS EC 3.3

**MID LEVEL**

-NIMS -PMA - Precision Sheet Metal Operator (PMSO) -PMA(project management)

**ENTRY LEVEL**

-NIMS -PMA - Precision Sheet Metal Operator (PMSO) -PMA(project management)

DRAFT: 2/17/2017

**BAIBS Degree/Transfer**

**B.S. Mechanical Engineering**

**B.S. Electrical Engineering**

**B.S. Industrial Engineering**

**AA/JA/S Degree/Transfer**

**AS - Welding Technology - Pipe Welding (20 units)**

**AS - Welding Technology - Metal Fabrication (20 units)**

**AS - Welding Technology - Industrial Machine (20 units)**

**AS - Welding Technology - Lasered Specialization (9 units)**

**General Education**

**Mid Level Certificate**

**Entry Level Certificate**

**Certificate of Specialization - Welding Technology - Robotic Welding Automation (12 units)**

**Certificate of Specialization - Welding Technology - Sheet Metal And Welding (16.5 units)**

**Certificate of Specialization - Manufacturing Technology (16 units)**

**Community and Contract Education Opportunities:**

- Project Management
- Subcontracting

**Bridge Programs**

Bridge: Nuts and Bolts and Thingamajigs

DRAFT: 2/17/2017

**STUDENT SUPPORTS**

**ADVANCED LEVEL**

-Writing Intensive  
-Writing  
-Research Paper  
-Ethics  
-Global Education  
-Global Studies

**MID LEVEL**

-Career Center & Industry  
-Application Interview Prep  
-Career and Academic Advising  
-Academic Advising Specialized to Pathway  
-Student Success Teams

**ENTRY LEVEL**

-Integrated Support  
-L200000  
-Writing T1-C  
-Friends Four  
-Student Success Team  
-Career Coach  
-Counselor  
-Career Counselor

**ADVANCED LEVEL**

-Writing Intensive  
-Writing  
-Research Paper  
-Ethics  
-Global Education  
-Global Studies

**MID LEVEL**

-Career Center & Industry  
-Application Interview Prep  
-Career and Academic Advising  
-Academic Advising Specialized to Pathway  
-Student Success Teams

**ENTRY LEVEL**

-Integrated Support  
-L200000  
-Writing T1-C  
-Friends Four  
-Student Success Team  
-Career Coach  
-Counselor  
-Career Counselor

Industry Certifications

Work Based Learning

College Courses

Bridge Programs

Jobs and Wages

Student Supports

**LEGEND**

★ Early College Credit Opportunities

\*Aspirational



Work Based Learning

College	WBL	Project/Student Support	Courses	WBL	Project/Student Support	Courses	WBL	Project/Student Support
Saugus High School	Design Competitions	-COC Career Coach -COC Application -COC Faculty Career Coaches Summer Internship Programs -Professional development or assoc. ability to Admin & Profession	- Innovation Design & Manufacturing (9 credit) A/B - AND/ OR - Manufacturing 131 & 132 CAD (A & B) - Certification: Manufacturing Technology Certificate	Internships -Senior Projects	-COC Career Coach -COC Application -COC Faculty Career Coaches -Nanavite	- Welding 151C - Manufacturing 090	12	12
Valencia High School	Hands-on lab Experience - Industry Visits - Real-world Projects	- Career Coaches - Nanavite	- The Art of Engineering Design with Solidworks A/B (1 year course, 9 credit)	- Mentoring	- Career Coaches - Nanavite	- Welding 101 A/B - OR - Advanced Manufacturing & Engineering A/B	11	11
Canyon High School	Hands-on lab Experience - Industry Visits - Real-world Projects	- Career Coaches - Nanavite	- Engineering Design & Technology A/B (1 year course, 9 credit)	- Mentoring	- Career Coaches - Nanavite	- Intro to Manufacturing A/B	10	10
	Computer Integrated Manufacturing A/B	- Hands-on lab Experience - Industry Visits - Trips/MFG Day	- Intro to Engineering (1 Year Course, 9 credit) - Intro to Engineering Design A/B	- Mentoring	- Career Coaches - Nanavite	- Computer Aided Drafting & Design A/B	10	10
	Intro to Engineering Design A/B (PLTW)	- Industry Speakers - National MFG Day	- Career Coaches - Nanavite - Freshman Summer Messaging to Parents - Where does this lead? - 16th grade summer bridge camp	- Mentoring	- Career Coaches - Nanavite - Freshman Summer Messaging to Parents - Assign Pathway personnel	- Intro to Engineering Design A/B	9	9

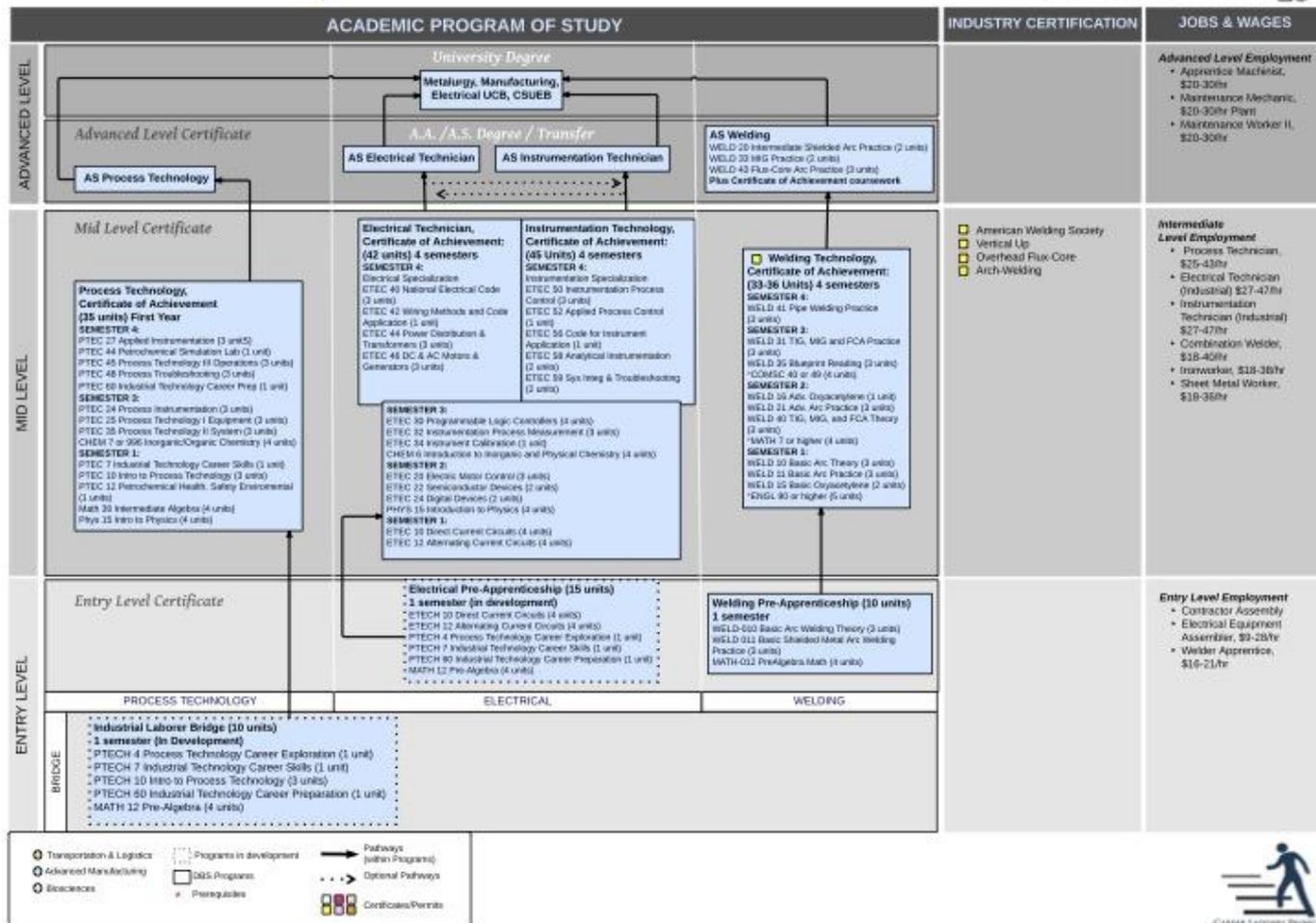
Student Supports

High School Courses

# Pathway Map

College: **Los Medanos**  
Sector: **Advanced Manufacturing**

LOS MEDANOS  
COLLEGE



# ADVANCED MANUFACTURING

The Advanced Manufacturing Sector translates into high paying jobs for individuals with post-secondary education.

**HIGH DEMAND  
HIGH GROWTH  
HIGH WAGE**

## California's Advanced Manufacturing Sector Drives the Economy

For every one job created in manufacturing, at least two and a half jobs are created to support the sector.

Manufacturing firms create regional wealth by producing goods that are exported across the state, nation and world.

There are 64,000 manufacturing businesses across California, generating \$341 billion in revenue in 2011.

## Advanced Manufacturing is STAYING STRONG

**TODAY:**  
**1.3 MILLION JOBS** in Advanced Manufacturing in California

**\$92,532**  
Annual Earnings Per Worker



June 2014

Data and information sources: CCC Doing What Matters for Jobs and the Economy, California Employment Development Department, Economic Modeling Specialists International (EMSI), Alameda County WIB

What jobs are in the Adv. Manufacturing Sector?

Electrical



Mechanical



Utilities



Petrochemicals



Advanced Manufacturing Workers EARN MORE:



**\$7.25**/hr

National Minimum Wage



**\$8.00**/hr

California Minimum Wage



**\$20.54**/hr

Median Wage for Adv. Mfg. Occupations\* in SF Bay Area

\*those occupations that require more than a high school degree and less than a 4-year degree

## BAY AREA SNAPSHOT

What can workers with some post-secondary experience expect?

**\$29**/hr

**761** open jobs by 2022

Maintenance Supervisor

**\$23**/hr

**697** open jobs by 2022

Machinist

**\$20**/hr

**600** open jobs by 2022

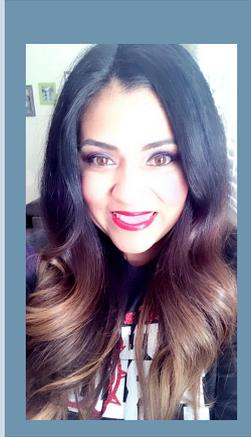
Welder

**\$27**/hr

**39** open jobs by 2022

Process Technician

# McFarland High School Early College



**Jill Jimenez**

Counselor

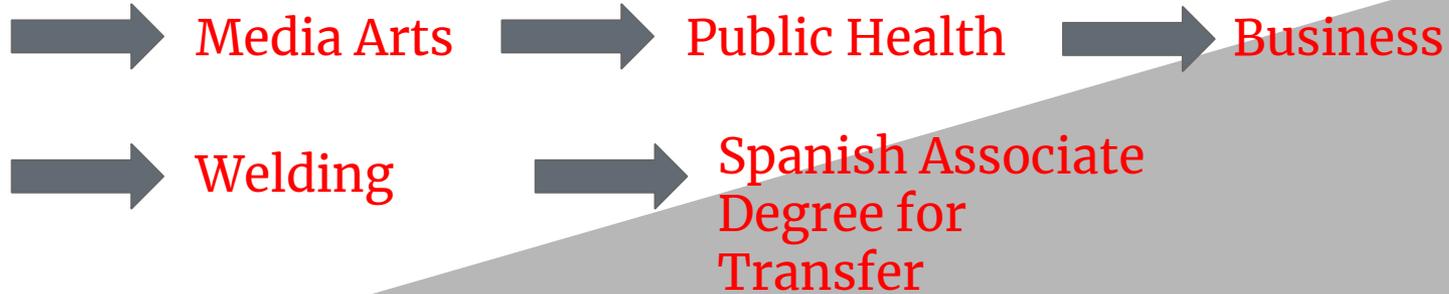
McFarland High School Early College

# McFarland High School

- Tell us about the pathways at McFarland
- How do students choose their pathway?
- How far do the pathways go? Where do they stop?
- What makes your program an exemplar?

# McFarland High School Early College

## Pathway Choices



# Spanish Associate Degree for Transfer Pathway

**60 Units**

***F.A.Q.***

***Frequently Asked Questions***



- **What is the Spanish AA-T Pathway?**  
A degree pathway for students interested in completing college general education units during high school.
- **How many classes are required for this pathway?**  
Approximately 20 college classes are need to fulfill the requirement.
- **How can I use this degree after I graduate?**  
When applying to a UC/CSU, you can take all of your courses with you. Your UC/CSU will accept these courses and apply them to your bachelor's degree.  
  
If you do not plan to attend a UC/CSU, you will leave high school with an Associate of Arts Degree in Spanish.
- **Do these courses count towards my high school credit?**  
Yes. These courses are considered dual enrollment, so you get both high school and college credit. Remember every 3.0 college credits are worth 10.0 high school credits.

# Public Health Pathway

**27 Units**

***F.A.Q.***

***Frequently Asked Questions***



- **What is the Public Health Pathway?**  
A certificate pathway for students interested in health education for community and individual wellness.
- **How many classes are required for this pathway?**  
Approximately 9 college classes are needed to fulfill the requirement.
- **How can I use this degree after I graduate?**  
When applying to a CSU, you can take most of these courses with you. Your CSU will accept these courses and apply them to your bachelor's degree.  
  
You can use this certificate to find employment in medical, city, state, and federal facilities working directly with the community. Example: Disease control centers, doctor's offices, private nonprofit agencies.
- **Do these courses count towards my high school credit?**  
Yes. These courses are considered dual enrollment, so you get both high school and college credit. Remember every 3.0 college credits are worth 10.0 high school credits.

# Business Pathway

17 Units

*F.A.Q.*

## *Frequently Asked Questions*



- **What is the Business Pathway?**  
A certificate pathway for students interested in types of management and administrative careers in business and economics.
- **How many classes are required for this pathway?**  
Approximately 9 college classes are needed to fulfill the requirement.
- **How can I use this certificate after I graduate?**  
When applying to a CSU, you can take a few courses with you. Your CSU will accept these courses and apply them to your bachelor's degree.  
  
You can use this certificate to find employment in an office assistant setting with a variety of businesses.
- **Do these courses count towards my high school credit?**  
Yes. These courses are considered dual enrollment, so you get both high school and college credit. Remember every 3.0 college credits are worth 10.0 high school credits.

# Media Arts Pathway

15 Units

*F.A.Q.*

*Frequently Asked Questions*

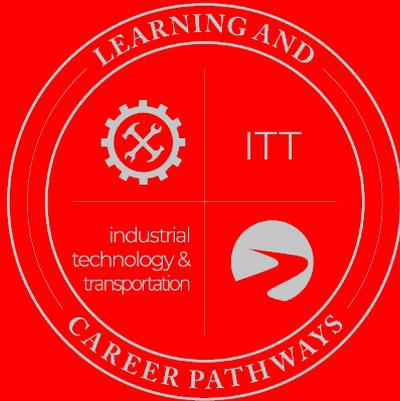


- **What is the Media Arts Pathway?**  
A certificate pathway for students interested in entry level positions in media arts skills.
- **How many classes are required for this pathway?**  
Approximately 5 college classes are needed to fulfill the requirement.
- **How can I use this certificate after I graduate?**  
There is an increasing number of jobs needed for videographers, photographers, motion graphics designers, animators, video editors, film editors, and filmmakers.
- **Do these courses count towards my high school credit?**  
Yes. These courses are considered dual enrollment, so you get both high school and college credit. Remember every 3.0 college credits are worth 10.0 high school credits.

# Welding Pathway

## *F.A.Q.*

### *Frequently Asked Questions*



- **What is the Welding Pathway?**  
A pathway for students interested in gaining experience in the discipline of Welding.
- **How many classes are required for this pathway?**  
Approximately 3-5 college classes are needed to fulfill the requirement.
- **How can I use these courses after I graduate?**  
These courses are transferable to Bakersfield College.  
  
MHSEC will begin offering dual enrollment courses in the fall in Welding. With these courses and skills, you should be able to seek employment in the welding field.
- **Do these courses count towards my high school credit?**  
Yes. These courses are considered dual enrollment, so you get both high school and college credit. Remember every 3.0 college credits are worth 10.0 high school credits.

# McFarland High School *Early College*

## Spanish Associate Degree for Transfer Pathway

Four Year Academic Plan

General

Period	Freshmen		Sophomore		Junior		Senior	
	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
1	English		English		English		<i>ENGL B1A</i>	<i>ENGL B1B</i>
2	Math		Math		Math		<i>MATH B22</i>	<i>POLS B1</i>
3	Science		Science		<i>SOILS B1</i>	Study Hall	Elective	
4	Elective/Art		<i>HIST B2</i>	<i>HIST B17A</i>	<i>PSYC B1B</i>	<i>HIST B30</i>	Econ.	Elective
5	Phys. Ed./Health		Phys. Ed.		Elective/Art		Elect./Lang./Art	
6	Elective/Art		Elective/Art		<i>SPAN B1</i>	<i>SPAN B2</i>	<i>SPAN B3</i>	<i>SPAN B4</i>
7	<i>STDV B3</i>	<i>MUSC B27</i>	<i>PSYCH B1A</i>	<i>ART B1</i>	Elective		Elective	
8			<i>STDV B1</i>					
	<i>Summer</i>	<i>COMM B1</i>		<i>HIST B1/B2 Optional/Make Up</i>		<i>HIST B17B Optional/Make Up</i>		

# McFarland High School *Early College (Class of 2027+)*

## Spanish Associate Degree for Transfer Pathway

Four Year Academic Plan

General

Period	Freshmen		Sophomore		Junior		Senior	
	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
1	English		English		English		<b>ENGL B1A</b>	<b>ENGL B1B</b>
2	Math		Math		Math		<b>MATH B22</b>	<b>POLS B1</b>
3	Science		Science		<b>SOILS B1</b>	<b>COMM B1</b>	Elective	
4	Elective/Art		<b>HIST B2</b>	<b>HIST B17A</b>	<b>PSYC B1B</b>	<b>HIST B30</b>	Econ.	Elective
5	Phys. Ed./Health		Phys. Ed.		Elective/Art		Elect./Lang./Art	
6	Elective/Art		Elective/Art		<b>SPAN B1</b>	<b>SPAN B2</b>	<b>SPAN B3</b>	<b>SPAN B4</b>
7	<b>STDV B3</b>	<b>MUSC B27</b>	<b>PSYCH B1A</b>	<b>ART B1</b>	Elective		Elective	
8			<b>STDV B1</b>					
	Summer	Make Up		Make Up		Make Up		

# ADT in Spanish - Transfer Pathway

	Dual Enrollment – HS Instructor	At High School – College Instructor	Collaborative – BC Instructor & HS Support
	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade
English	English 9	English 10	English 11
Math	Algebra 1	Geometry	Algebra 2
Science	Earth Science	Biology	Chemistry
History	MUSC B27	HIST B1 + HIST B2	HIST B17A + HIST B17B
Language	Spanish 1	Spanish 2	SPAN B1 + SPAN B2
Electives	STDV B3	PSYC B1A	ANTH B1
PE	Health/PE	PE	
	Summer: COMM B1	Summer: HIST B30	Summer: POLS B1
			ENGL B1A + ENGL B1B
			MATH B22
			GEOL B10
			Economics
			SPAN B3 + SPAN B4

# Sample CTE Pathways

		Dual Enrollment – HS Instructor	At High School – College Instructor	Collaborative – BC Instructor & HS Support
	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Ag Business</b>	STDV B3	AGSB B3	AGBS B6	AGRI B1
<b>Business</b>	STDV B3	COMP B5	BSAD B64 + BSAD B68	BSAD B20 + BSAD B5
<b>Education</b>	STDV B3		EDUC B3 + EDUC B9	EDUC B5 + EDUC B6
<b>Ind. Drawing</b>	STDV B3	INDR B12	INDR B20A	INDR B20B
<b>Photography</b>	STDV B3	ART B16	ART B17	ART B46
<b>Public Health</b>	STDV B3	PBHS B20 + PBHS B21	PBHS B22 + PBHS B23	PBHS 24 + PBHS B48WE
			COMM B9	
<b>Welding</b>	STDV B3	WELD B1A + WELD B1B	WELD B53A + WELD B53B	WELD B54A + WELD B54B

# CARECEN & East LA College



Rocio Velez  
Central American  
Resource Center



Michelle Ceja  
Outreach & Recruitment  
East LA College



# CARECEN & ELAC

- Tell us about the partnership between ELAC and CARECEN
- What classes do students take at CARECEN and what do those classes count towards?
- How does CARECEN work with students?

# Central American Resource Center (CARECEN-LA)

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- CARECEN is an immigrant rights organization
- What course did we host at our center?
  - Chicana/o Studies 031: The Central American Experience (3) UC:CSU IGETC Area 4C
  - Chicana/o Studies 032: Central American Literature (3) UC:CSU IGETC Area 4C
  - Chicana/o Studies 033: Introduction to Central American Studies (3) UC:CSU IGETC Area 4C
- College Courses were offered on Saturdays
- Registration - CARECEN took it over with Support of ELAC
- Not working w HS directly – but do work w HSs
- Students from multiple areas/multiple schools





### Students Coming from Multiple High Schools:

- Bernstein HS
- Los Angeles Academic Leadership (ALC MC)
- School of Global Leadership (ASGL MC)
- School of Arts and Humanities RFK
- UCLA Community School RFK
- Now Academy RFK
- West Adams HS
- Alliance Ted K Tajima
- USCHHS
- PBS HAS
- Central City Value HS

# Central American Studies Courses available at CARECEN

For more information contact:  
Rocio Veliz  
213-385-7800 x137  
rveliz@carecen-la.org

High school students can earn college credit during fall of 2019. East Los Angeles College (ELAC) courses available at CARECEN Saturdays to all high school students 9th-12th grade.

Students must submit the [Supplemental Application for Admission of Students K-12 form](#) during registration day. This form must be signed by the school principal or counselor and stamped with the school seal. Contact Rocio Veliz to obtain access to the form or you can type <https://bit.ly/2zcVdmK> ( the letter V and K are capitalized)

This course is transferable. Students can obtain 3-college units and HS credit. (HS Credit is under the discretion of each school, please check with counselor)

#### LOCATION CARECEN LOS ANGELES

2845 West 7th Street  
Los Angeles CA 90005

(In the Youth & Parent Center)

\*We're located between 7th St &  
Hoover St\*



#### Course Description:

31 The Central American Experience (3) UC:CSU IGETC AREA 4C LECTURE, 3 HOURS. This course introduces the Central American experience in the United States with emphasis on the transnational connections between the countries of origin and the communities of residence in the United States. Students learn about the conditions in Central America that lead to emigration to the United States. Additionally the course investigates specific challenges faced by Central American migrants on their journeys to the United States. The course also examines support networks established in the United States to help these communities adapt to their new homeland.

Registration Day: September 7th at 11am

This course will take place once a week on Saturdays from 10am to 1:50pm.

Course begins September 14 and ends December 14





CARECEN



# Community Based Organizations

Dual Enrollment Classes

Building Community

Working together

Partner in advocating, recruiting and sharing the benefits of dual enrollment

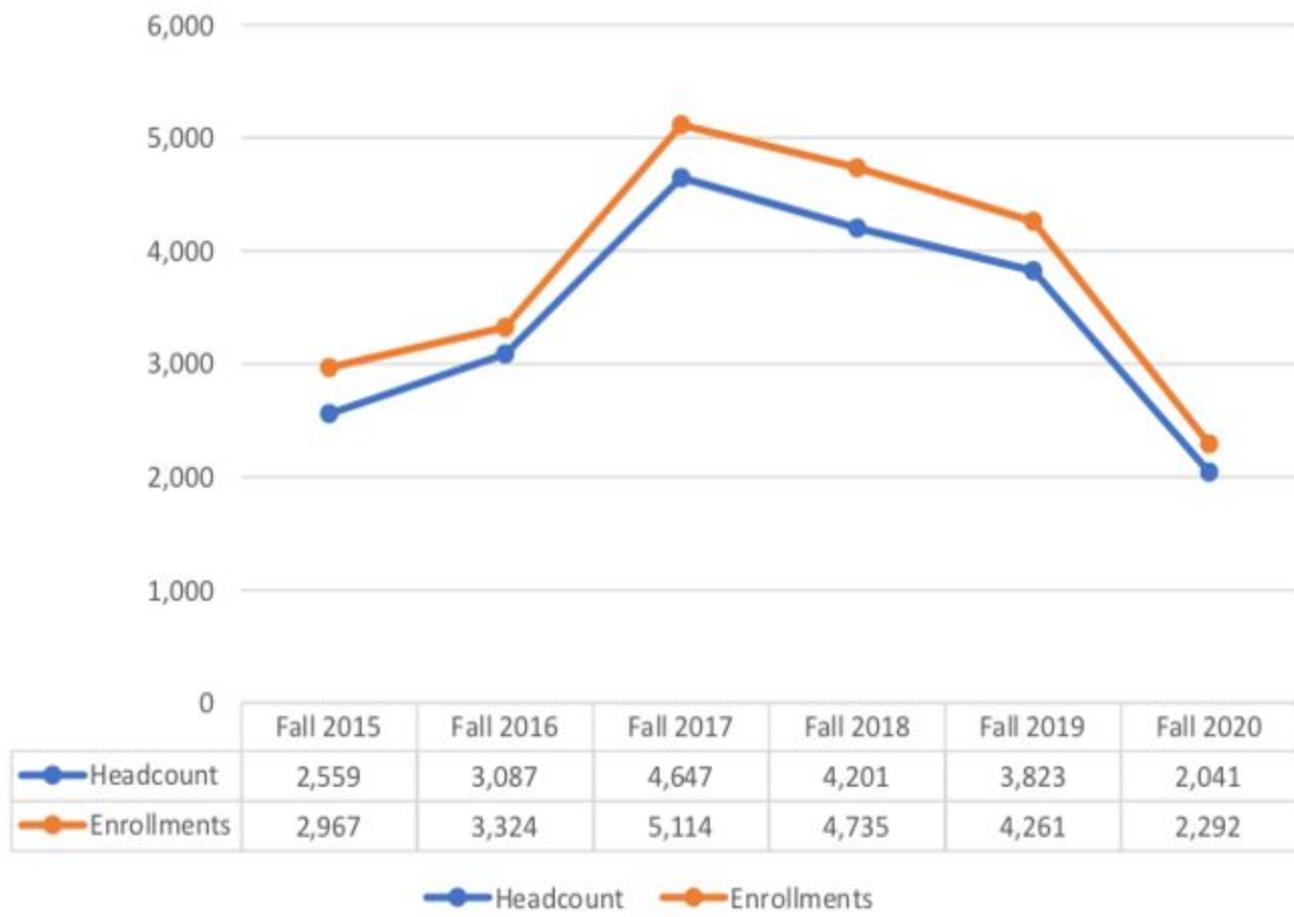
# East Los Angeles College

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- Overall dual enrollment – 80 partnerships
- Non K-12 Partnerships (CBOs, SALEF, CARECEN)
- Youth Detention Centers
- Central American degree at ELAC interest from HS students



# Dual Enrollment Headcount and Enrollments



# Questions

Please drop your question in the chat!

# Join CLP's Dual Enrollment Virtual Community of Practice

Home Lineup Pings Hey! Activity My Stuff Find Basecamp

## Dual Enrollment Community of Practice

The Dual Enrollment Community of Practice basecamp group, open to dual enrollment practitioners at high schools and community colleges in California, serves as a communication and exchange tool in support of student success and equity. This basecamp team is hosted and facilitated by Career Ladders Project.



### Docs & Files

CCC District + K12 District Overlay Map	CCC Service Area Map	Instructor Agreements
Publications and Tools	Non-CCAP MOUS	CCAP agreements
<a href="#">...and 7 more</a>		

### Message Board

- News from CLP  
[Image] [Image] Assembly Higher Ed
- Dual Enrollment Hearing TODAY  
Assembly Higher Ed Committee Hearing 1
- This Tuesday, Nov. 7th! CCAP Webinar:  
Designing Pathways with Community
- Ed Trust-West Seeking Voices for New Resource
- Appendix A, reporting to CCCCC, and avoiding duplicating work
- A Dual Enrollment Research Journal!



[www.bit.ly/3u5uloJ](http://www.bit.ly/3u5uloJ)



Career  
Ladders  
Project



The Education Trust—West

# Register Now!

Registration for the 2nd annual California Dual Enrollment Equity Conference is now open!

Feb. 20-23, 2024



**REGISTRATION COST: \$500**

Learn more and register at  
[cadualenrollment.org/equity-conference](https://cadualenrollment.org/equity-conference)

2024

**CALIFORNIA  
DUAL ENROLLMENT  
EQUITY  
CONFERENCE**

@ **Westin  
Long Beach**

*Room Block Available*



Foundation for the  
Los Angeles  
Community Colleges  
*Event Fiscal Agent*

# See you next month!

Tuesday, December 5th

10 am - 11 am

Embedded Student Supports



# Thank you!

[NCastro@careerladdersproject.org](mailto:NCastro@careerladdersproject.org)  
[LWalker@careerladdersproject.org](mailto:LWalker@careerladdersproject.org)  
[www.careerladdersproject.org](http://www.careerladdersproject.org)

