



Industrial Automation

\$80,077

A YEAR



Industrial Technology

\$56,882

A YEAR



Business/Entrepreneur

\$76,900

A YEAR



Registered Nurse

\$80,880

A YEAR



Information Systems

\$86,120

A YEAR

**I CAN
DO THAT!**



CAREER EDUCATION

Find it. Be it.

We can help.

REACHING HER DREAM JOB

Community college offers affordable path to nursing career

Nurses are the backbone of any hospital, clinic or doctor's office. It's a difficult job ensuring patients get the treatment and care they need while at the same time providing compassion and comfort.

But Kayla Moore is up to the task—thanks to **Bakersfield College's** nursing program.

"Education is one of the greatest gifts that you can give yourself but, as I learned for myself, it comes with a financial burden that many are not able to bear alone," Moore says. "In my case, attending Bakersfield College gave me the opportunity to follow my dream of becoming a critical care nurse. Beginning my career has allowed me to provide for my family and to provide nursing care to individuals in our community."

According to the U.S. Bureau of Labor Statistics, medical assisting and nursing fields are growing at rates much faster than other occupations. Employment rates are expected to grow 12% and 23% respectively by 2028.

However, the cost of earning a nursing license can be staggering. That's where community college can make a huge difference.



Kayla Moore got her dream job thanks to Bakersfield College. PHOTO COURTESY OF BAKERSFIELD COLLEGE

**"I WAS DRAWN
TO BAKERSFIELD
COLLEGE BECAUSE
IT WAS A MORE
AFFORDABLE OPTION
THAT WOULD ALLOW
ME TO OBTAIN MY
NURSING LICENSE IN
TWO YEARS."**

**KAYLA MOORE
BAKERSFIELD COLLEGE NURSING
GRADUATE**

"I was drawn to Bakersfield College because it was a more affordable option that would allow me to obtain my nursing license in two years," Moore says. "I graduated (in May 2020) and now work as a critical care nurse at Memorial Hospital — my dream job!"

Alexandra Camacho got started on her nursing career early, thanks to her high school's career technical education program.

"What I really liked ... is that I would be able to help a patient understand what's going on and the process of what health care options are best for them," she says. "I really liked the part where I could really help patients ... to really understand and not feel as lost and scared."

While still a sophomore in high school, Camacho took college-level medical assisting courses in addition to her high school curriculum. By the time she graduated—and before her 18th birthday—she had already completed much of the coursework needed to earn her associate degree. Today, she is taking pre-nursing classes at Bakersfield College and plans to become a registered nurse.

"When I took the medical assisting courses, I really felt like it helped me know this is what I want to do," she says. "That program acted as a steppingstone that is really going to set up my future."

► GET STARTED!

In California, high schools and colleges offer Career Academies, Pathways, and Programs in approximately 15 industry sectors. This special publication includes a pull-out program matrix, listing dozens of opportunities at local high schools. Also listed are corresponding college programs to continue that career path. Check out this matrix and find a program that interests you.

In the last decade, there has been an

increased emphasis on aligning high school and college programs, embedding work-based learning opportunities for all students, and including opportunities to earn college credit in high school through articulated, dual enrollment or concurrent enrollment courses.

All of these experiences and opportunities support students in making a decision about which industry and career path they are most interested in, and what it takes to get to that future career.

These career pathway programs allow

students to acquire skills for in-demand jobs. High schools and community colleges have designed career programs to match employers' local job needs.

These pathways make the road to a future career fast, convenient and affordable. You can earn a specialized industry-recognized certificate in two years or less. In addition, earn college credits while still in high school, and college classes taken in high school are tuition-free.

So, what are you waiting for?



JUMP-START A CAREER

How the KHSD ROC gave one student the tools to succeed

BY KRYSTA SCRIPTER

The Kern High School District Regional Occupational Center's robotics program allows students to not only gain promising work skills, but also allows them to dual-enroll at Bakersfield College well before they graduate high school.

Kimberly Guzman, a Bakersfield native, says she enrolled in the ROC program to see if robotics might be her chosen field.

"ROC was the perfect place for me to give my career a 'test-run,'" she says. "I always thought ROC was just for the students who were lacking credits to graduate. (But) I looked into the programs that they had and I was really interested in robotics so I decided to give it a chance."

Guzman graduated from South High School, where she was part of the MS3 Engineering Program. Students in this program took classes in robotics, engineering and computer-aided drafting. She said this is where she found an interest in robotics.

"At ROC I learned that I truly did love robotics and I would definitely be doing this for the rest of my life," she says.

The other great benefit? Some ROC courses went toward college credit, something Guzman says made a huge difference in jump-starting her career. She's now pursuing a bachelor's degree in industrial automation at Bakersfield College. What also really helped, she said, were the interpersonal skills she learned.

"Having had the opportunity to learn how to make my resume in high school and being able to take part in mock interviews with real professionals seriously was the greatest impact that ROC had on me," she says. "Those are skills that will never leave me."

Immediately after graduating, Guzman was hired as an intern at Aera Energy—a local oilfield company—which ended up being extended for two years. Now, she's working at Daifuku Elite Line Services as a control

"I CAN HONESTLY SAY THAT THANKS TO THE ROC ROBOTICS PROGRAM I AM WHERE I AM TODAY, AND I WILL BE ABLE TO ACHIEVE MUCH MORE BECAUSE OF THEM."

**KIMBERLY GUZMAN
CONTROL SYSTEMS TECHNICIAN
AND FULL-TIME STUDENT**

CAREER EXPLORATION

Not sure what job you want? Explore careers!

Some high schools offer a semester- or year-long career exploration course where you get to think about what you're interested in, what types of jobs there may be, and what training and education is needed and available to help you land your dream job!

Even if your school doesn't offer a career exploration course, there are plenty of resources for you to start thinking about what you're passionate about or what kind of a job you'd like to do, what training or education is needed, and how to go about making it happen for you.

Start by taking a career interest survey. Check out the Regional Occupational Center or Regional Occupational Program (ROC/ROP) and the community colleges in your area for career exploration, summer programs, and open house events.

The ROC/ROP also offer cost-effective short career programs. In addition, all ROC programs are UC and CSU approved and meet A-G standards. As you're considering where to start, you might also consider taking short-term training in the industry you're interested in as a way to support yourself while you continue education or training.

TAKE AN INTEREST SURVEY

California CareerZone

<https://www.careerzone.org>

Career Quiz

<https://finditbeit.org/career-quiz/>

FIND A PROGRAM

Regional Occupational Center

<https://roc.kernhigh.org>

Local Community Colleges

www.bakersfieldcollege.edu

www.taftcollege.edu

Find It. Be It.

<https://finditbeitkerncounty.org>

<https://finditbeit.org/where-can-i-go/>

Check with your local high school advisor.

systems technician. The company recently partnered with an Amazon warehouse set to open soon, and Guzman's team will be crucial in its operation.

Guzman, who married and started a family, credits ROC with her success. "I can honestly say that thanks to the ROC robotics program I am where I am today, and I will be able to achieve much more because of them. ROC was the foundation of my career and where I received my first building blocks of my future."

California Department of Education Industry Sectors

Due to COVID-19, some classes may not be available.

KEY: ADT = Associate Degree for Transfer A-G = UC/CSU Gen Ed AP = Advanced Placement Career Tech Ed = Career pathways that start in HS and may feature College aligned, articulated, dual enrollment or concurrent enrollment courses EC = Early College are College articulated, dual enrollment or concurrent enrollment courses							
	Agriculture & Natural Resources	Arts, Media & Entertainment	Building & Construction Trades	Business & Finance	Education, Child Development & Family Services	Energy, Environment & Utilities	Engineering & Architecture
KERN HIGH SCHOOL DISTRICT							
ARVIN HIGH EC: https://bakersfieldcollege.edu/earlycollege/arvin CSU/UC General Education Req. (39 units); Communication Studies ADT (30 units)	ACADEMIES: Agriculture, Health Careers, Construction CAREER TECH ED: Ag Mechanics, Ag Science, Ornamental Horticulture EARLY COLLEGE CREDIT: Agriculture (13 units)	CAREER TECH ED: Arts, Media & Entertainment	CAREER TECH ED: Construction Design - Architecture EARLY COLLEGE CREDIT: Construction (8 units)	CAREER TECH ED: Business & Marketing EARLY COLLEGE CREDIT: Business Admin. (6 units)			CAREER TECH ED: Architectural Design
BAKERSFIELD HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/bakersfield CSU UC General Educ Req. (25 units)	ACADEMIES: Public Services CAREER TECH ED: Ag Mechanics, Floral Design EARLY COLLEGE CREDIT: Veterinary Science (3 units)	CAREER TECH ED: Photography EARLY COLLEGE CREDIT: Studio Arts (3 units)	CAREER TECH ED: Wood EARLY COLLEGE CREDIT: Woodworking (3 units)	CAREER TECH ED: Virtual Enterprise (3 units)	EARLY COLLEGE CREDIT: Education (3 units)		CAREER TECH ED: Engineering (Incl. Robotics & Aerospace)
CENTENNIAL HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/centennial CSU UC General Educ Req. (16 units)		CAREER TECH ED: Media Arts	CAREER TECH ED: Woodworking	CAREER TECH ED: Business Management			CAREER TECH ED: Architectural & Design, PLTW - Engineering Design EARLY COLLEGE CREDIT: Architectural Drafting, (4.5 units)
EAST BAKERSFIELD HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/east CSU UC General Educ Req. (3 units)		CAREER TECH ED: Digital Arts & Technology Academy (DATA), Tech Theater	CAREER TECH ED: Cabinetry, Millwork, & Woodworking EARLY COLLEGE CREDIT: Woodworking (6 units)	CAREER TECH ED: Business Management EARLY COLLEGE CREDIT: Business (3 units)			CAREER TECH ED: Architectural Design
FOOTHILL HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/foothill CSU UC General Educ Req. (7 units)	ACADEMIES: Ag Business CAREER TECH ED: Ag Business, Ag Mechanics	CAREER TECH ED: Design, Visual & Media Arts	CAREER TECH ED: Cabinetry, Millwork, & Woodworking	CAREER TECH ED: Business Management			CAREER TECH ED: Architectural Design EARLY COLLEGE CREDIT: Industrial Drawing (3 units)
FRONTIER HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/frontier CSU UC General Educ Req. (15 units)	CAREER TECH ED: Ag Business, Agriscience, Animal Science, Ornamental Horticulture EARLY COLLEGE CREDIT: Agriculture (6 units), Horticulture (3 units)	CAREER TECH ED: Photography, Film EARLY COLLEGE CREDIT: Art (3 units), Theatre (3 units)		(See Ag Business)			CAREER TECH ED: PLTW Engineering
GOLDEN VALLEY HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/golden-valley CSU UC General Educ Req. (3 units)	CAREER TECH ED: Ag Business, Ag Mechanics, Agriscience, Floral Design	CAREER TECH ED: Film/Video Production	CAREER TECH ED: Cabinetry, Millwork, & Woodworking				CAREER TECH ED: Engineering Design: PLTW
HIGHLAND HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/highland CSU UC General Educ Req. (3 units)	CAREER TECH ED: Agriscience, Ag Mechanics, AgriScience, Floral Design EARLY COLLEGE CREDIT: Mechanized Ag (3 units)	CAREER TECH ED: Theatre Arts, Graphic Arts					
INDEPENDENCE HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/independence CSU UC General Educ Req. (6 units)	CAREER TECH ED: Ag Business, Ag Mechanics, AgriScience, Ornamental Horticulture EARLY COLLEGE CREDIT: Horticulture (3 units), Industrial Automation (3 units), Mechanized Ag (6 units)	CAREER TECH ED: Media Arts, Photography EARLY COLLEGE CREDIT: Art (3 units), Photography (3 units)				ACADEMIES: Energy & Power Technology	
KERN VALLEY HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/kern-valley CSU UC General Educ Req. (6 units)	CAREER TECH ED: Ag Animal Science, Ag Horticulture, Ag Mechanics, Food Science & Nutrition EARLY COLLEGE CREDIT: Ag Business (3 units), Horticulture (3 units)						
LIBERTY HIGH (EC / CSU UC Gen Ed - None at this time)		CAREER TECH ED: Arts, Media & Entertainment, Graphic Arts		CAREER TECH ED: Computer Applications			
MIRA MONTE HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/mira-monte CSU UC General Educ Req. (18 units)	CAREER TECH ED: Ag Business, Agriscience, Ag Mechanics EARLY COLLEGE CREDIT: Ag Business (6 units)	(See IT Support & Service)		(See Ag Business)			CAREER TECH ED: Engineering Design
NORTH HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/north CSU UC General Educ Req. (16 units)	CAREER TECH ED: Ag Business, Ag Animal Science, Ag Plant Science EARLY COLLEGE CREDIT: Agriculture (6 units), Horticulture (3 units)	CAREER TECH ED: Digital Media & Design EARLY COLLEGE CREDIT: Art (12 units)	CAREER TECH ED: Residential Construction	CAREER TECH ED: Business Management			CAREER TECH ED: Drafting EARLY COLLEGE CREDIT: Industrial Drawing (3 units)
REGIONAL OCCUPATION CENTER (KHSD ROC) EC: https://www.bakersfieldcollege.edu/earlycollege/roc CSU UC General Educ Req. (16 units) BC = Bakersfield College	CAREER TECH ED EARLY COLLEGE CREDIT: Ag / Diesel Mechanics (6 units), Livestock Management (3 units), Precision Ag Management (6 units), Veterinary Tech (5.5 units)		CAREER TECH ED EARLY COLLEGE CREDIT: Construction Trades (3 units)	CAREER TECH ED EARLY COLLEGE CREDIT: Bookkeeping & Accounting (18 units), Admin. Office Assistant (14 units) (See also Small Business & Entrepreneurship)	CAREER TECH ED EARLY COLLEGE CREDIT: Early Childhood Education / Education (6 units)		
CAREER TECHNICAL EDUCATION CENTER (KHSD CTC) EC: https://www.bakersfieldcollege.edu/earlycollege/ctec CSU UC General Educ Req. (16 units) TC = Taft College		CAREER TECH ED: Advanced Cinema Film & Video		CAREER TECH ED: Business, Banking & Finance (See also Small Business & Entrepreneurship)	CAREER TECH ED: Careers in Education		
RIDGEVIEW HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/ridgeview CSU UC General Educ Req. (3 units)	CAREER TECH ED: Ag Business, Animal Science	CAREER TECH ED: Theatre, Graphic Arts, Photography EARLY COLLEGE CREDIT: Journalism (3 units)		CAREER TECH ED: Business & Finance, Professional Sales, Software & Systems Dev., Virtual Enterprise (Business)			
SHAFTER HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/shafter CSU UC General Educ Req. (38 units)	CAREER TECH ED: Ag Business, Ag Mechanics, AgriScience, Animal Science, Ornamental Horticulture EARLY COLLEGE CREDIT: Animal Sci. (17 units), Mech. Ag (14 units), Ornamental Horticulture (12 units)	CAREER TECH ED: Production & Managerial Arts	CAREER TECH ED: Cabinetry Millwork & Woodworking EARLY COLLEGE CREDIT: Woodworking (12 units)				CAREER TECH ED: Engineering Design: PLTW
SOUTH HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/south CSU UC General Educ Req. (16 units)		CAREER TECH ED: Video Production, Dance EARLY COLLEGE CREDIT: Arts, Humanities, & Communication (1 unit)		CAREER TECH ED: Business EARLY COLLEGE CREDIT: Business (1 unit)			CAREER TECH ED: Architectural Design, Intro to Engineering Design EARLY COLLEGE CREDIT: Industrial Drawing (3 units)
STOCKDALE HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/stockdale CSU UC General Educ Req. (15 units)		CAREER TECH ED: Media Arts EARLY COLLEGE CREDIT: Art (3 units) Music (2 units)		CAREER TECH ED: Business Management, Financial Services			CAREER TECH ED: Engineering Design: PLTW
WEST HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/west CSU UC General Educ Req. (12 units)	CAREER TECH ED: AgriScience, Floral Design	CAREER TECH ED: Digital Photography, Video Production, Computer Graphics EARLY COLLEGE CREDIT: Media Arts (3 units)		CAREER TECH ED: Business Management EARLY COLLEGE CREDIT: Business (3 units)	EARLY COLLEGE CREDIT: Education (3 units)	CAREER TECH ED: Renewable Energy	CAREER TECH ED: Engineering Tech
ALTERNATIVE KERN HIGH SCHOOLS							
CENTRAL VALLEY EC: https://www.bakersfieldcollege.edu/earlycollege/valley CSU UC General Educ Req. (3 units) no BC DE webpage for central-valley				CAREER TECH ED: Business Management, (Intro to MS Office, Keyboarding)			
NUOVA HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/nueva CSU UC General Educ Req. (3 units)				CAREER TECH ED: Business Management (Keyboarding, Intro to MS Office), Financial Services (Personal Finance)			
TIERRA DEL SOL HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/nueva CSU UC General Educ Req. (3 units)			CAREER TECH ED: Industrial Arts Construction	CAREER TECH ED: Business Management: (Computer Literacy) Financial Services: (Foundations in Personal Finance)			
VALLEY OAKS EC: https://www.bakersfieldcollege.edu/earlycollege/nueva CSU UC General Educ Req. (6 units)			CAREER TECH ED: Construction	GENA			
VISTA EC: https://www.bakersfieldcollege.edu/earlycollege/vista CSU UC General Educ Req. (6 units)	CAREER TECH ED: Ornamental Horticulture	EARLY COLLEGE CREDIT: Art (3 units)		CAREER TECH ED: Business Management (Keyboarding, MS Office), Financial Services: (Accounting, Foundations in Personal Finance)			
VISTA WEST EC: https://www.bakersfieldcollege.edu/earlycollege/vista-west CSU UC General Educ Req. (3 units)		CAREER TECH ED: Design, Visual & Media Arts (Raster Art)		CAREER TECH ED: Business Management (Keyboarding, MS Office)			
HOMESCHOOL STUDENTS Can participate in Early College through Concurrent Enrollment. See: https://www.bakersfieldcollege.edu/earlycollege/homeschool		GENA		GENA			
BAKERSFIELD ADULT SCHOOL		CAREER TECH ED: Design, Visual & Media Arts (Adobe Photoshop / Illustrator)	CAREER TECH ED: Beginning Construction	Financial Services (Accounting: Quickbooks), Business Management (Basic Business Skills, Job Readiness / Skills for Success)			
KERN LEARN	CAREER TECH ED: AgriScience (Sustainable Ag)						
YOUR SCHOOL CDE HS Pathway Name Classes & Sequence KEY: A-G = UC/CSU Gen Ed AP = Advanced Placement CP = College Prep; PLTW = Project Lead the Way	Agriculture & Natural Resources	Arts, Media & Entertainment	Building & Construction Trades	Business & Finance	Education, Child Development & Family Services	Energy, Environment & Utilities	Engineering & Architecture
DELANO JOINT UNION HIGH SCHOOL DISTRICT Current Career Pathways information at: https://www.djuhsd.org/Page/1295							
CESAR E. CHAVEZ HIGH SCHOOL EC: https://www.bakersfieldcollege.edu/earlycollege/cesar-chavez CSU UC General Educ Req. (3 units) Liberal Arts Associate Degree Pathway (60 units)		CAREER TECH ED: Performing Arts: Band, Contemporary Music	CAREER TECH ED: Residential & Commercial Construction, Engineering & Heavy Construction	CAREER TECH ED: Business Management (4 units) EARLY COLLEGE CREDIT: Business (4 units)			
DELANO HIGH SCHOOL EC: https://www.bakersfieldcollege.edu/earlycollege/delano CSU Gen Ed Certificate of Achievement UC General Ed IGETC Certificate of Achievement UC General Ed IGETC STEM Certificate of Achievement Liberal Arts Associate Degree Pathway (60 units)	CAREER TECH ED: Ag Business, Ag Mechanics EARLY COLLEGE CREDIT: Ag Business (6 units), Mech. Ag (10 units), Welding (6 units)	CAREER TECH ED: Performing Arts: Band & Choir		CAREER TECH ED: Business Management (4 units) EARLY COLLEGE CREDIT: Business (4 units)			
ROBERT F. KENNEDY HIGH SCHOOL EC: https://www.bakersfieldcollege.edu/earlycollege/delano CSU Gen Ed Certificate of Achievement UC General Ed IGETC Certificate of Achievement UC General Ed IGETC STEM Certificate of Achievement Gen Ed Dual & Concurrent Enrollment (60 units) Liberal Arts Associate Degree Pathway (60 units)		CAREER TECH ED: Performing Arts: Choir, Contemporary Music	CAREER TECH ED: Residential & Commercial Construction:	CAREER TECH ED: Business Management (4 units) EARLY COLLEGE CREDIT: Business (4 units)			CAREER TECH ED: Architectural Design (Drafting) (3 units), Engineering Technology (12 units)
WONDERFUL ACADEMY							
WONDERFUL ACADEMY EARLY COLLEGE EC: https://www.bakersfieldcollege.edu/earlycollege/wonderful	EARLY COLLEGE CREDIT: Ag Business ADT (60 units)						
TAFT UNION HIGH SCHOOL DISTRICT							
TAFT UNION HIGH	CAREER TECH ED: Ag Mechanics Ag Science	CAREER TECH ED: Television Production	See, Energy, Oil Tech Academy	See, Marketing, Retail Sales	CAREER TECH ED: Careers in Education	CAREER TECH ED: Oil Tech Academy	
WASCO UNION HIGH SCHOOL DISTRICT							
WASCO UNION HIGH EC = Early College - Bakersfield College ADT = Associate's Degree for Transfer from Bakersfield College to any CSU	CAREER TECH ED: Ag Mechanics, Ag Animal Science, Ornamental Horticulture EARLY COLLEGE CREDIT: Ag Business ADT (60 units), Mechanized Ag Associate of Science Degree (60 units)	CAREER TECH ED: Visual & Media Arts incl Video Production & Digital Photography					
UNIFIED SCHOOL DISTRICTS							
MARICOPA UNIFIED SCHOOL DISTRICT							
MARICOPA HIGH SCHOOL	CAREER TECH ED: CITYwalk: Ag / Gardening	CAREER TECH ED: GLOBALcity Entertainment: Performance Art / Theater, Music / Jazz					CAREER TECH ED: STEMcity: Engineering / Technology
MCFARLAND UNIFIED SCHOOL DISTRICT							
MCFARLAND HIGH SCHOOL EC = Early College - Bakersfield College ADT = Associate's Degree for Transfer from Bakersfield College to any CSU	EARLY COLLEGE CREDIT: Ag Business (12 units)	EARLY COLLEGE CREDIT: Photography (12 units)	CAREER TECH ED: Woodworking	EARLY COLLEGE CREDIT: Business Pathway (12 units)	EARLY COLLEGE CREDIT: Education (12 units)		CAREER TECH ED: Engineering EARLY COLLEGE CREDIT: Industrial Drawing (12 units)

California Department of Education Industry Sectors

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	Fashion & Interior Design	Health Science & Medical Technology	Hospitality, Tourism & Recreation	Information & Communication Technologies	Manufacturing & Product Development	Marketing, Sales & Services	Public Services	Transportation
KERN HIGH SCHOOL DISTRICT								
ARVIN HIGH EC: https://bakersfieldcollege.edu/earlycollege/arvin CSU/UC General Education Req. (39 units); Communication Studies ADT (30 units)		CAREER TECH ED: Health Science EARLY COLLEGE CREDIT: Vocational Nursing (3 units)			CAREER TECH ED: Welding Tech EARLY COLLEGE CREDIT: Manufacturing (9 units)			CAREER TECH ED: Auto Tech EARLY COLLEGE CREDIT: Auto Tech (3 units)
BAKERSFIELD HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/bakersfield CSU UC General Educ Req. (25 units)	CAREER TECH ED: Fashion		CAREER TECH ED: Culinary Arts		EARLY COLLEGE CREDIT: Industrial Automation (3 units)			
EAST BAKERSFIELD HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/east CSU UC General Educ Req. (3 units)		ACADEMIES: Health Careers (HCA)		ACADEMIES: Digital Arts & Technology	CAREER TECH ED: Welding & Materials Joining	(See also, Business Management)		
FOOTHILL HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/foothill CSU UC General Educ Req. (7 units)				ACADEMY: Computer Design CAREER TECH ED: Information Support & Services				
FRONTIER HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/frontier CSU UC General Educ Req. (15 units)				CAREER TECH ED: PLTW Computer Science, Information Technology (Game Design)	EARLY COLLEGE CREDIT: Industrial Automation (3 units)			
HIGHLAND HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/highland CSU UC General Educ Req. (3 units)				CAREER TECH ED: Video Game Design (See also Graphic Arts in Arts, Media & Entertainment)		CAREER TECH ED: Retail Sales & Marketing		
INDEPENDENCE HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/independence CSU UC General Educ Req. (6 units)		CAREER TECH ED: Health Science & Medical Terminology (Incl. Personal Fitness & Sports Therapy)		(See Arts, Media & Entertainment: Media Arts)	EARLY COLLEGE CREDIT: Digital Electronics/Industrial Automation (3 units)			
MIRA MONTE HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/mira-monte CSU UC General Educ Req. (18 units)				CAREER TECH ED: Information & Communication Tech Info Support & Services; Networking				
NORTH HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/north CSU UC General Educ Req. (16 units)				CAREER TECH ED: Web Design				CAREER TECH ED: Aerospace
REGIONAL OCCUPATION CENTER (KHSO ROC) EC: https://www.bakersfieldcollege.edu/earlycollege/roc CSU UC General Educ Req. (16 units) BC = Bakersfield College	CAREER TECH ED EARLY COLLEGE CREDIT: Fashion Merchandising (FIDM) (6 units), Cosmetology		CAREER TECH ED: Culinary Arts		CAREER TECH ED EARLY COLLEGE CREDIT: Welding & Metal Fabrication (6 units)	CAREER TECH ED: Retail Sales, Small Business Entrepreneurship,	CAREER TECH ED EARLY COLLEGE CREDIT: Law Enforcement (3 units), Public Safety (9 units)	CAREER TECH ED: Auto Body & Fender Repair, Systems Diagnostics, Services & Repair EARLY COLLEGE CREDIT: Auto Technology (4.5 units)
CAREER TECHNICAL EDUCATION CENTER (KHSO CTC) EC: https://www.bakersfieldcollege.edu/earlycollege/ctec CSU UC General Educ Req. (16 units) BC = Bakersfield College		CAREER TECH ED EARLY COLLEGE CREDIT: (where listed) Dental Assistant (BC), Health Services (3 units), Intro to Health Careers (BC 3 units), Medical Assist., Nursing Assist. (BC 6 units), Pharmacy Tech (A-G), Sports Medicine Injury Care & Management (A-G, BC 4 units, CSUB), Sports Medicine Personal Training		CAREER TECH ED: CISCO Networking (3 units), Computer Repair (4 units), 3D Animation, Video Game Design, Mobile App Development	CAREER TECH ED EARLY COLLEGE CREDIT: Robotics/Engineering (9 units)	CAREER TECH ED: Digital Marketing	CAREER TECH ED: Fire Technology, Law Enforcement EARLY COLLEGE CREDIT: Public Safety (9 units)	CAREER TECH ED: Logistics & Distribution
RIDGEVIEW HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/ridgeview CSU UC General Educ Req. (3 units)				ACADEMIES: Information Technology, CAREER TECH ED EARLY COLLEGE: Journalism (See also, Business: Software & Systems Development)	CAREER TECH ED: Engineering Design	(See, Business: Professional Sales)		
SHAFTER HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/shafter CSU UC General Educ Req. (38 units)		CAREER TECH ED: Patient Care (Incl. Personal Fitness Training & Sports Medicine)		CAREER TECH ED: Games & Simulations, Software & Systems Dev.				
SOUTH HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/south CSU UC General Educ Req. (16 units)					ACADEMIES: Engineering		ACADEMIES: Criminal Justice CAREER TECH ED: Criminal Justice	
STOCKDALE HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/stockdale CSU UC General Educ Req. (15 units)		CAREER TECH ED: Biomedical Science (PLTW)		CAREER TECH ED: Software & Systems Development				
WEST HIGH EC: https://www.bakersfieldcollege.edu/earlycollege/west CSU UC General Educ Req. (12 units)				(See also, Arts, Media, & Entertainment: Computer Graphics)				
BAKERSFIELD ADULT SCHOOL		CAREER TECH ED: Patient Care (Med. Assist.; C.N.A.; Home Health Aide; Health Support Occup.; Voc. Nursing)	CAREER TECH ED: Culinary	CAREER TECH ED: Information Support & Services: (MS Office: Access, Excel, PowerPoint, Publisher, MS Word; Keyboarding, 10-key, Record Keeping, Filing, Simulated Office Dev.), Networking (IT & Network Cabling)	CAREER TECH ED: Welding			
YOUR SCHOOL CDE HS Pathway Name Classes & Sequence KEY: A-G = UC/CSU Gen Ed AP = Advanced Placement CP = College Prep; PLTW = Project Lead the Way	Fashion & Interior Design	Health Science & Medical Technology	Hospitality, Tourism & Recreation	Information & Communication Technologies	Manufacturing & Product Development	Marketing, Sales & Services	Public Services	Transportation
DELANO JOINT UNION HIGH SCHOOL DISTRICT Current Career Pathways information at: https://www.djuhsd.org/Page/1295								
CESAR E. CHAVEZ HIGH SCHOOL EC: https://www.bakersfieldcollege.edu/earlycollege/cesar-chavez CSU UC General Educ Req. (3 units) Liberal Arts Associate Degree Pathway (60 units)	CAREER TECH ED: Fashion Design & Merchandising	CAREER TECH ED: Patient Care: Nursing, Med. Assist. (19 units), Sports Medicine (6 units) EARLY COLLEGE CREDIT: Nursing (6 units)	CAREER TECH ED: Food Service & Hospitality (3 units)	CAREER TECH ED: Software & Systems Development: Multimedia	CAREER TECH ED: Welding & Material Joining (4 units)			
DELANO HIGH SCHOOL EC: https://www.bakersfieldcollege.edu/earlycollege/delano CSU Gen Ed Certificate of Achievement UC General Ed IGETC Certificate of Achievement UC General Ed IGETC STEM Certificate of Achievement Liberal Arts Associate Degree Pathway (60 units)		CAREER TECH ED: Patient Care: Nursing (6 units), Med. Assist. (19 units)		CAREER TECH ED: Software & Systems Development: Multimedia				
ROBERT F. KENNEDY HIGH SCHOOL EC: https://www.bakersfieldcollege.edu/earlycollege/delano CSU Gen Ed Certificate of Achievement UC General Ed IGETC Certificate of Achievement UC General Ed IGETC STEM Certificate of Achievement Gen Ed Dual & Concurrent Enrollment (60 units) Liberal Arts Associate Degree Pathway (60 units)		CAREER TECH ED: Patient Care: Nursing (6 units), Med. Assist. (19 units) EARLY COLLEGE CREDIT: Nursing (6 units)		CAREER TECH ED: Software & Systems Development: Multimedia	CAREER TECH ED: Welding & Material Joining EARLY COLLEGE CREDIT: Industrial Automation (11 units)			
TAFT UNION HIGH SCHOOL DISTRICT								
TAFT UNION HIGH		CAREER TECH ED: Health Careers	CAREER TECH ED: Culinary Arts		CAREER TECH ED: Graphic Communication	CAREER TECH ED: Retail Sales	CAREER TECH ED: Law Enforcement	CAREER TECH ED: Auto Technology
WASCO UNION HIGH SCHOOL DISTRICT								
WASCO UNION HIGH EC = Early College - Bakersfield College ADT = Associate's Degree for Transfer from Bakersfield College to any CSU			CAREER TECH ED: Food Service & Hospitality					
UNIFIED SCHOOL DISTRICTS								
MARICOPA UNIFIED SCHOOL DISTRICT								
MARICOPA HIGH SCHOOL			CAREER TECH ED: CITYwalk: Culinary Arts / Restaurant	CAREER TECH ED: CopaMEDIA: Communications / Yearbook, Promotions / Productions				
MCFARLAND UNIFIED SCHOOL DISTRICT								
MCFARLAND HIGH SCHOOL EC = Early College - Bakersfield College ADT = Associate's Degree for Transfer from Bakersfield College to any CSU		EARLY COLLEGE CREDIT: Public Health (21 units)		CAREER TECH ED: Computer Science	CAREER TECH ED: Welding EARLY COLLEGE CREDIT: Welding (12 units)			CAREER TECH ED: Logistics



DISCOVER THE POSSIBILITIES AT LOCAL COLLEGE CAREER CENTERS

For many, college is the first step in building a new career. After graduation, those first steps into the workforce can be intimidating, but there is help.

At the Bakersfield College Career Development Center, students and alumni can find help navigating a variety of resources, career counseling and other services that can help them find the right career path to success.

At Taft College's Career Center, students and alumni who need employment, internships, work experience units, assistance job searching, or need to improve job readiness skills can find the help they need. For convenience, all services are available online.

CAREER COUNSELING AND READINESS SERVICES CAN HELP STUDENTS:

- Identify interests and create a career goal.
- Explore majors and in-demand career options.
- Create an effective resume and prepare for interviews (including Zoom etiquette).
- Attend career workshops and receive job coaching.

STUDENT EMPLOYMENT POSSIBILITIES INCLUDE:

- On-campus employment in many different departments related to students' major or career goals.

- Full- or part-time off-campus employment for students as well as alumni.
- Recruitment, connections and job leads with industry employers, including internship opportunities.

BAKERSFIELD COLLEGE CAREER DEVELOPMENT CENTER

- For a career counseling appointment, call 661-395-4421.
- To speak with a Job Development Specialist, call 661-395-4550.
- Students can search open positions on- and off-campus, create a professional profile and network with employers online through Jobseeker at bakersfield.jobspeaker.com/#/students.
- While many offices are expected to be operating remotely until Fall 2021, Student Employment staff can still be reached Monday through Thursday, 7 a.m. to 5:30 p.m. at 661-395-4089.

TAFT COLLEGE CAREER CENTER

- For a career counseling appointment, go to 661-763-7734.
- All services are available online. To browse services, visit www.taftcollege.edu/career-center/

For more information, visit www.bakersfieldcollege.edu/career-services or www.taftcollege.edu/career-center/.

Community College Industry Sectors

Due to COVID-19, some classes may not be available.

KEY: COLLEGE DEPT./DIV TITLE JSC = Job Skills Certificate CoA = Certificate of Achievement AA = Associate of Arts; AS = Associate of Sciences ADT = Associate Degree for Transfer	Ag, Water & Environmental Tech	Arts, Media & Entertainment	Construction & Utilities	Business & Entrepreneurship	Teacher Prep Pipeline	Energy Construction & Utilities	Architecture & Engineering	Health & Life Sciences / Biotech
BAKERSFIELD COLLEGE LOW UNIT CERTIFICATES (< 18 units) Updated information at: https://programmap.bakersfieldcollege.edu/academics	AGRICULTURE: Low Unit Certif: Reg. Vet. Tech. JSC	ARTS: HUMANITIES & COMMUNICATION: Low Unit Certif: Communication Coa, Photography Coa	CTE: INDUSTRIAL TECH & TRANSP - CONSTRUCTION & WOODWORKING: Low Unit Certif: Woodworking & Cabinetmaking JSC	BUSINESS: Low Unit Certif: Gen. Business JSC (12 units), Office Assist. JSC	EDUCATION: Low Unit Certif: Child Dev. Assist. Teacher JSC, Child Dev. Assoc. Teacher JSC		CTE: INDUSTRIAL TECHNOLOGY & TRANSPORTATION ARCHITECTURE: Low Unit Certif: Architectural Computer Aided Drafting JSC, Industrial Drawing AutoCAD JSC	ALLIED HEALTH & CTE: HEALTH SCIENCES: Low Unit Certif: Nurse Assist. CoA, Principles of Venipuncture CoA
BAKERSFIELD COLLEGE HIGH UNIT CERTIFICATES (> 18 units) Updated information at: https://programmap.bakersfieldcollege.edu/academics	AGRICULTURE: High Unit CoAs: Ag Animal Sci CoA, Ag Business Mgmt CoA, Culinary Arts CoA, Environm. Horticulture CoA, Food Service Mgmt CoA, Forestry CoA, Heavy Equip. Tech. CoA, Plant Sci CoA	ARTS, HUMANITIES & COMMUNICATION: High Unit CoAs: ASL Interpreter Training Pgm CoA, Commercial Music CoA, Graphic Design CoA, Media Arts CoA, Web Design & Development CoA	CTE: INDUSTRIAL TECH & TRANSP - CONSTRUCTION & WOODWORKING: High Unit CoAs: Carpentry Apprenticeship CoA, Construction Tech. CoA, Electrician Apprenticeship CoA, HVAC Tech CoA, Industrial Drawing CoA, Plumbers & Steamfitters Apprenticeship CoA, Sheetmetal Apprenticeship CoA, Woodworking / Cabinetmaking CoA, HVAC Technology CoA	BUSINESS: High Unit CoAs: Bookkeeping CoA, CompTIA CoA, Information Tech CoA, Office Assist. CoA	EDUCATION: High Unit CoAs: Child Dev. Master Teacher - Infant Toddler CoA, Child Dev. Master Teacher - Special Ed CoA, Child Dev. Teacher CoA, Transitional Kindergarten CoA		CTE: INDUSTRIAL TECH & TRANSP - ARCHITECTURE & ENGINEERING: High Unit CoAs: Engineering Technology CoA	ALLIED HEALTH & CTE: HEALTH SCIENCES: High Unit CoAs: Health Navigator, LVN to Non-Degree Nurse (30 unit), Principles of Fluoroscropy, Vocational Nursing
BAKERSFIELD COLLEGE DEGREES (60 units) Updated information at: https://programmap.bakersfieldcollege.edu/academics	AGRICULTURE: Ag Animal Sci ASADTs, Ag Business, Ag Plant Sci ASADTs, Ag Animal Sci AS, Culinary Arts AS, Environm. Horticulture AS, Food Service Mgmt AS, Forestry AA, Mech. Ag AS CTE: INDUSTRIAL TECH & TRANSP - OCCUPATIONAL SAFETY & RISK MANAGEMENT: Occupational Safety & Risk Mgmt - Agriculture AS	ARTS, HUMANITIES & COMMUNICATION: Art History AA-ADT, Communication AA-ADT, English AA-ADT, History AA-ADT, Journalism AA-ADT, Music AA-ADT, Philosophy AA-ADT, Spanish AA-ADT, Studio Arts AA-ADT, Theatre Arts AA-ADT, ASL AA, Liberal Arts AA Computer Sci AS-ADT	CTE: INDUSTRIAL TECH & TRANSP - CONSTRUCTION & WOODWORKING: Carpentry Apprenticeship AA, Electrician Apprenticeship AA, Plumbers & Steamfitters Apprenticeship AA, Construction Mgmt AS, HVAC Tech AS, Occupational Safety & Risk Mgmt - Industrial Technology AS, Sheetmetal Apprenticeship AS, Woodworking / Cabinetmaking AS, HVAC AS	BUSINESS: Business Admin. AS-ADT, Economics AA-ADT, Accounting, AA-ADT, Admin. Office Assist. AA-ADT CTE: INDUSTRIAL TECH & TRANSP - OCCUPATIONAL SAFETY & RISK MANAGEMENT: Occupational Safety & Risk Mgmt - Business AS	EDUCATION: Early Childhood Education AS-ADT, Elementary Teacher Education AA-ADT	CTE: INDUSTRIAL TECHNOLOGY AND ENERGY: TRANSP - OCCUP SAFETY & RISK MANAGEMENT: Industrial Technology AS	CTE: INDUSTRIAL TECH & TRANSP - OCCUP SAFETY & RISK MANAGEMENT: Architecture / Architectural Drafting AS, Industrial Drawing AS / AA Engineering AS, Engineering Tech AS, Occupational Safety & Risk Mgmt - Industrial Technology AS	ALLIED HEALTH & CTE: HEALTH SCIENCES: Kinesiology AA-ADT, Public Health Sci AS-ADT, Health Info Tech AS-ADT, LVN to Assoc. Degree Nursing AS-ADT, Radiologic Tech AS-ADT, Registered Nursing AS-ADT CTE: INDUSTRIAL TECH & TRANSP - OCCUPATIONAL SAFETY & RISK MANAGEMENT: Health Science AS
TAFT COLLEGE LOCAL CERTIFICATES Updated information at: http://www.taftcollege.edu/cte/ http://www.taftcollege.edu/academics/ http://www.taftcollege.edu/student-resources/#catalogandhandbook				BUSINESS & FINANCE: Admin Services I (9 units), Management (5 units), Microsoft Office (6 units)	CTE: EARLY CHILDHOOD & ELEMENTARY EDUCATION: Child Dev. Assist. Teacher (6 units)	CTE: INDUSTRIAL TECHNOLOGY AND ENERGY: Energy Technology Instrumentation (12 units), Gas Metal Arc & Flux Core Arc Welding (9 units), Gas Tungsten Arc Welding (9 units), Occup. Safety & Health (OSH) - Basic Employee Safety (3.5 units), OSH Midlevel (15 units), Petroleum Tech HV (19 units), Welding Assist./Helper (6 units)		
TAFT COLLEGE CERTIFICATES OF ACHIEVEMENT (COA) Updated information at: http://www.taftcollege.edu/cte/ http://www.taftcollege.edu/academics/ http://www.taftcollege.edu/student-resources/#catalogandhandbook				BUSINESS & FINANCE: Admin Services CoA (20.5 units), Admin Services II CoA (16 units), Management Customer Service (18-20 units)	CTE: EARLY CHILDHOOD & ELEMENTARY EDUCATION: Child Dev. Assoc. Teacher CoA (12 units), Early Care, Education, and Family Studies CoA (30 units), Early Interv. Assist. I CoA (27 units), Early Interv. Asst. II CoA (40 units), Teacher CoA (24 units), Master Teacher CoA (33 units)	CTE: INDUSTRIAL TECHNOLOGY AND ENERGY: Pipe Code Welding (12 units), Structural Code Welding (12 units)		
TAFT COLLEGE DEGREES AA-T / AS-T = Transfer Degrees AA / AS = Local Degrees Updated information at: http://www.taftcollege.edu/cte/ http://www.taftcollege.edu/academics/ http://www.taftcollege.edu/student-resources/#catalogandhandbook LA: Area of Emphasis = Liberal Arts Degrees with areas of emphasis, for students not planning to transfer to a 4 year college or university		ARTS, HUMANITIES & COMMUNICATION: Art History AA-T, English AA-T, Spanish AA-T, Studio Arts AA-T, Art AA, LA: Arts & Humanities AA, LA: Communication AA MATH: MATH 1500 / PSYC 2200		BUSINESS & FINANCE: Business Admin. AS-T, Economics AA-T, Admin. Services AS, General Business AS, LA: Business & Tech. AA, Management AS RECOMMENDED MATH: PSYC 2200 or MATH 1520	CTE: EARLY CHILDHOOD & ELEMENTARY EDUCATION: Early Childhood Education for Transfer AS-T, Early Care, Education, and Family Studies AS RECOMMENDED MATH: MATH 1505	CTE: INDUSTRIAL TECHNOLOGY AND ENERGY: Energy Technology AS, Occup. Safety & Health AS, Welding AS RECOMMENDED MATH: MATH 1060 or MATH 1500	SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS (STEM): Biology AS-T, Mathematics AS-T, Engineering AS, LA: Math & Science AA, LA: Natural Science - Life Science AA, LA: Natural Science - Physical Science AA, Mathematics AA, Physical Science AS RECOMMENDED MATH: Calculus Sequence MATH 1530-1540-2100 &/or STAT 1510	HEALTH SCIENCE & KINESIOLOGY: Kinesiology AA-T, Dental Hygiene (CTE) AS, LA: Allied Health (CTE) AA, LA: Health & Physical Ed., AA Life Science, AS Physical Education AA RECOMMENDED MATH: PSYC 2200 or STAT 1510
CSU BAKERSFIELD DEGREES Extended Education Certificates: https://extended.csub.edu/	BS Agricultural Business, BS Environmental, Resource Management	BA Arts, BA Communications, BA English, BA History, BA Music, BA Philosophy, BA Religious Studies, BA Spanish, BA Theatre		Ag Business, BS Business Administration: (Accounting, Ag, Finance, General Business, Healthcare Mgmt, HR Mgmt, Marketing, Public Admin, Small Business, Supply Chain), BS Economics, BS Environmental Resource Management, BA Public Administration	BA Child, Adolescent & Family Studies, BA Liberal Studies: (Traditional, multiple and single subjects teaching credentials)	(See STEM)	BS Engineering Sciences, BS Natural Science: (Foundational Sciences)	BS Biology, BA Human Biological Sciences, BS Nursing

KEY: COLLEGE DEPT./DIV TITLE JSC = Job Skills Certificate CoA = Certificate of Achievement AA = Associate of Arts; AS = Associate of Sciences ADT = Associate Degree for Transfer	Retail, Hospitality & Tourism	Information & Communication Technologies	Advanced Manufacturing & Welding	Public Safety	Advanced Transportation & Logistics	Social & Behavioral Sciences	Science, Technology, Engineering & Math (STEM)
BAKERSFIELD COLLEGE LOW UNIT CERTIFICATES (< 18 UNITS) Updated information at: https://programmap.bakersfieldcollege.edu/academics			CTE: INDUSTRIAL TECHNOLOGY & TRANSPORTATION MANUFACTURING & MACHINE TECHNOLOGY: Low Unit Certif: Basic Machine Tool Operations - Lathe Mill JSC, Computer Numerical Control Programming JSC, Electrical & Electronic Systems CoA, Electronics - Industrial Automation CoA, Electronics Industrial Communications JSC, Electronics Industrial Communications JSC, Electronics Industrial Maintenance JSC, Electronics Manufacturing Automation JSC, Industrial Automation CoA, WELDING: Low Unit Certif: Blueprint Reading & Layout for Welders JSC, Gas Metal Arc / Gas Tungsten Arc / Flux Core Arc Welding JSC, Shielded Metal Arc Welding JSC, Welding JSC	CTE: PUBLIC SAFETY: EMT JSC, Fire Academy JSC, Wildland Firefighting JSC	CTE: INDUSTRIAL TECH & TRANSP - AUTOMOTIVE: Automatic Transmission CoA, Auto Heating & AC CoA, Auto Mgmt JSC, CoA, Basic Machine Tool Operations - Lathe, Mill, JSC, Brake Systems CoA, Engine Overhaul & Repair CoA, Engine Performance CoA, Light Duty Diesel Performance CoA, Manual Drive Train & Axles CoA, Suspension & Steering CoA	SOCIAL & BEHAVIORAL SCIENCES: Human Services JSC	
BAKERSFIELD COLLEGE HIGH UNIT CERTIFICATES (> 18 UNITS) Updated information at: https://programmap.bakersfieldcollege.edu/academics	AG, NUTRITION & CULINARY ARTS: High Unit CoAs: Culinary Arts CoA	ARTS, HUMANITIES & COMMUNICATION: High Unit Certif: Commercial Music CoA, Graphic Design CoA, Media Arts CoA STEM: Comp TIA CoA, Information Technology CoA, Web Design & Development CoA	CTE: INDUSTRIAL TECH & TRANSP-MANUFACTURING: High Unit Certif: Electronics CoA, Engineering Technology CoA, Manufacturing Technology CoA, Process Technology CoA CTE: INDUSTRIAL TECH & TRANSP: WELDING: High Unit Certif: Welding CoA	PUBLIC SAFETY HIGH UNIT CERTIF: Exec. Chief Fire Officer CoA, Fire Fighter I Academy CoA, Fire Tech CoA, Paramedic CoA			STEM: High Unit Certif: Web Design & Dev. CoA
BAKERSFIELD COLLEGE DEGREES (60 UNITS) Updated information at: https://programmap.bakersfieldcollege.edu/academics	AG, NUTRITION & CULINARY ARTS: Culinary Arts AS,	ARTS, HUMANITIES & COMMUNICATION: Music AA-ADT, Studio Arts AA-ADT, Theatre Arts AA-ADT, ASL AA, Liberal Arts AA STEM: Computer Sci AS-ADT	CTE: INDUSTRIAL TECHNOLOGY & TRANSPORTATION - MANUFACTURING: Industrial Automation BA & AS, Industrial Tech AS, Industr Tech Manufacturing Technology AS, Industr Tech Electronics AS, Manufacturing Metal Fabric Tech AS, Process Technology AS WELDING: Industr Tech Welding AS, Occupational Safety & Risk Mgmt - Industrial Technology AS	PUBLIC SAFETY: Admin Justice AS-ADT, Correctional Admin AA-ADT, Criminal Justice AA, Fire Tech AA, Paramedic AS, Wildland Firefighting AS	CTE: INDUSTRIAL TECHNOLOGY & TRANSPORTATION - AUTO TECH: Automotive Tech AS	SOCIAL & BEHAVIORAL SCIENCES: Anthropology AA-ADT, Economics AA-ADT, History AA-ADT, Philosophy AA-ADT, Political Sci AA-ADT, Psychology AA-ADT, Sociology AA-ADT, Human Services AA	STEM: Biology AS-ADT, Chemistry AS-ADT, Computer Sci AS-ADT, Environm. Sci AS-ADT, Geology AS-ADT, Mathematics AS-ADT, Physics AS-ADT, Chemistry AS, Engineering AS
TAFT COLLEGE LOCAL CERTIFICATES Updated information at: http://www.taftcollege.edu/cte/ http://www.taftcollege.edu/academics/ http://www.taftcollege.edu/student-resources/#catalogandhandbook		CTE: INFORMATION TECH & MANAGEMENT: Advanced Information Technology & Management (13.5-15.5 units)	CTE: INDUSTRIAL TECHNOLOGY AND ENERGY: Energy Technology Instrumentation (12 units), Gas Metal Arc & Flux Core Arc Welding (9 units), Gas Tungsten Arc Welding (9 units), Occup. Safety & Health (OSH) - Basic Employee Safety (3.5 units), OSH Midlevel (15 units), Petroleum Tech HV (19 units), Welding Assist./Helper (6 units)				
TAFT COLLEGE CERTIFICATES OF ACHIEVEMENT (COA) Updated information at: http://www.taftcollege.edu/cte/ http://www.taftcollege.edu/academics/ http://www.taftcollege.edu/student-resources/#catalogandhandbook				CRIMINAL JUSTICE & CORRECTIONS: Court Reporting CoA, Criminal Justice Administration - Corrections CoA, Direct Support Education CoA			
TAFT COLLEGE DEGREES AA-T / AS-T = Transfer Degrees AA / AS = Local Degrees Updated information at: http://www.taftcollege.edu/cte/ http://www.taftcollege.edu/academics/ http://www.taftcollege.edu/student-resources/#catalogandhandbook LA: Area of Emphasis = Liberal Arts Degrees with areas of emphasis, for students not planning to transfer to a 4 year college or university				SOCIAL SCIENCE, LAW ENFORCEMENT, & PUBLIC SERVICE: Admin of Justice AS-T, History AA-T, Psychology AA-T, Sociology AS-T, Court Reporting AS, Criminal Justice Admin AS, Criminal Justice Admin - Corrections AS, Direct Support Educ. AS RECOMMENDED MATH: PSYC 2200			
CSU BAKERSFIELD DEGREES	(See Business)	BS Computer Engineering, BS Computer Science	(See STEM)	BA Criminal Justice	BS Business Administration, Supply Chain Logistics	BA Anthropology, BA Child, Adolescent & Family Studies, BA Criminal Justice, BA Interdisciplinary: General Studies: Women, Gender & Sexuality Studies; Ethnic & Area Studies, BS Kinesiology, BA Liberal Studies: (traditional, multiple and single subjects teaching credentials), BA Political Science, BA Psychology, BA Sociology	BS Biology, BS Biochemistry, BS Chemistry, BS Electrical Engineering, BS Engineering Sciences, BA / BS Geology, BS Mathematics, BS Natural Sciences (Biology, Chemistry, Foundational Science, Geology, Physics), BS Nursing, BS Physics

EARN COLLEGE CREDIT WHILE IN HIGH SCHOOL

It's a great low- or no-cost option! There's no tuition and although some fees may still apply, it's a great way to earn college units for very little money.

There are several ways to earn college credit while you're still in high school including Early College Programs.

An Early College Program may offer a set of classes that will meet both high school diploma and

associate's degree requirements at the same time.

Or students may be offered the set of general education college courses (30 units) at high school. Or students may be able to replace either academic (English, mathematics) or career education (CTE) college classes for their high school class. In this type of program, students typically are able to earn between nine and 15 units of college credit before

graduating high school.

Students also can opt to take additional college courses on the college campus.

If you're interested, see your high school counselor or check out your local community college website! Visit <https://www.bakersfieldcollege.edu/earlycollege>.

A BETTER PATH

Learning a trade through technical programs results in high-paying jobs for students

BY RAUL CLEMENT

For many students graduating from high school and thinking about the next step, a four-year college degree is impractical or unnecessary. In addition to the time investment, there is the cost. And job prospects can be uncertain, even with a degree in hand.

Fortunately, there are other options. Community colleges such as Bakersfield College offer entry-level skill development through certificate programs like the Heavy Equipment Technician Program. Over three semesters, students learn skills, safety measures and procedures they can expect to use as a technician. Additionally, students intern with a local business such as Berchtold Equipment Company. This can lead to a permanent position, as it did for Raul Herrera.

“Whether you are a young student with little to no knowledge of mechanics or an experienced student looking to hone your skills, this program can and will set you up for success,” Herrera says.

Another option for Kern County high school students looking to learn a trade is the Regional Occupational Center, where programs are available to high school juniors and beyond. The classes last three hours a day and are taken in addition to standard high school courses. As a high school senior in ROC’s Diesel Mechanics Program, Tim Collins took apart and rebuilt everything from lawnmowers to four-cylinder John Deere engines. He also interned at the local Cummins engine dealership.



“Until I took the class, I had no idea what I was going to do after high school,” Collins says. “I’ve always been into tractors and trucks, but I wasn’t planning on being a mechanic.”

“WHETHER YOU ARE A YOUNG STUDENT WITH LITTLE TO NO KNOWLEDGE OF MECHANICS OR AN EXPERIENCED STUDENT LOOKING TO HONE YOUR SKILLS, THIS PROGRAM CAN AND WILL SET YOU UP FOR SUCCESS.”

**RAUL HERRERA
GRADUATE, HEAVY EQUIPMENT
TECHNICIAN PROGRAM**

The skills and knowledge he gained led to admittance into the Caterpillar Think Big Technician Education program, a four-year program that combines two years of classes with employment at a Caterpillar dealership. He worked for Quinn Caterpillar in Bakersfield for six years and now is a teacher in the same ROC class he attended.

“They liked the fact that I came through the program,” Collins says of his current employer. “I can speak highly of the class because it did a lot for me.”

Between the programs available at the Kern High School District Regional Occupational Center, Bakersfield College, Taft College, and other options such as the Caterpillar Think Big Program, there is no shortage of pathways to learn a trade that will lead to gainful employment. Not only can these programs help you avoid debt and

save valuable time, you may discover skills and interests you didn’t know you had.

► THE MUTUAL BENEFIT OF WORK INTERNSHIPS

For students at Bakersfield College working toward a Heavy Equipment Technician certificate, an essential course is the Occupational Work Experience/Education Internship. Students are employed by a local business such as Berchtold Machine Company or Quinn Caterpillar as part of a paid or unpaid internship. Not only does this earn them credits, it provides irreplaceable on-the-job experience. Furthermore, many students are eventually hired by the companies they intern for.

These internships take place in the third and final term of the program. The training curriculum is arranged by the employer, college and student. Students must complete five units or 75 hours of paid employment or 60 hours of unpaid employment.

Work internships are a common feature of many fields of study at Bakersfield College and Taft College. They are a mutually beneficial arrangement, allowing local businesses to expand their staff while giving students necessary experience and connections in their chosen field.



TEENAGE ENTREPRENEURS

Regional Occupational Center business program puts a young man's dreams within reach

BY ELISSA EINHORN

Angel Almendarez spent many mornings waking up before the sun so he could make the 30-minute trek to Independence High School in Bakersfield. Once there, he boarded a bus that took him to a 3-hour ROC class about entrepreneurship. Clearly, the program's mantra to "think like an entrepreneur" rubbed off. Almendarez wondered, how many students would be interested in an entrepreneur's club on his Independence campus? Turns out, about 25.

Now 19 years old and a Bakersfield College student and president of the BC Entrepreneur Club, the Independence alumnus continues to leave his mark through Next Level Entrepreneur, the on-campus high school club he started for those who share his passion about business and personal growth.

"Yes, you need to start a business, but this is about taking yourself to the next level," Almendarez explains. "You have to think like an entrepreneur. That is what employers want. They want that mindset of being a problem-solver, a leader and part of a team. When bosses see this, they see a candidate for growth."

Just starting the club was an exercise in building a business, notes the student, who is studying toward AA degrees in economics and business administration. Always thinking like an entrepreneur, he has considered creating a business around helping students start clubs.

Almendarez admits his ideas weren't going over well with his immigrant parents, who had dreams of their son being a doctor or lawyer—not someone trying to start businesses.

"They thought I would end up hungry and homeless," he laughs. But once they saw their son succeeding in entrepreneurial competitions, his parents changed their tune. Almendarez also came to his own realization: "I can have my vision in the clouds, but my feet have to be on the ground."

**"I CAN HAVE MY VISION
IN THE CLOUDS, BUT
MY FEET HAVE TO BE
ON THE GROUND."**

**ANGEL ALMENDAREZ
BUSINESS MAJOR,
BAKERSFIELD COLLEGE**

To pass along this mantra, he presents topics to club members, among them how to create a LinkedIn profile, how to network effectively, how to pitch ideas and how to prepare a business model. Eventually, Almendarez wants to run his own wealth management business targeted to middle-income families. Or maybe he will help create entrepreneur clubs around the country. Or maybe he'll design a nationwide high school competition to find the best high school entrepreneurs in the U.S.

Whatever he does, Almendarez has proven to his parents that his ideas matter.

"Now," he says, "they see the value I bring to others and that's a win."

► HIGHER EDUCATION, LOW COST

Higher education doesn't have to break the bank. In fact, coursework and educational pathways at your local high school, Regional Occupational Center (ROC), adult school, and community college are surprisingly affordable and offer significant advantages for graduates looking for work.

NO-COST CLASSES

High schools and ROC/ROP campuses offer no-cost career technical education programs. Many of these high school programs include industry-recognized certificates, work-based learning, opportunities to earn college credit, and are aligned with college certificate and degree programs. Adult schools also offer no-cost and low-cost career technical education programs.

LOW-COST COLLEGE

A majority of local college students are eligible for financial aid and fee waivers. Even if paying full tuition, the cost savings are huge when comparing two years of full-time coursework at the local community college against a four-year university.

Bakersfield College, Cerro Coso Community College, Porterville College and Taft College:

Tuition and fees: **\$1,380 per year**

(\$46 PER UNIT AND 15 UNITS PER SEMESTER)

Books and supplies (estimate): **\$1,854 per year**

California State University Undergraduate Programs:

Tuition and fees: **\$7,422 per year**

(SIX OR MORE UNITS PER SEMESTER)

Books and supplies (estimate): **\$2,058 per year**

University of California:

Tuition and fees: **\$14,000 per year**

Books and supplies (estimate): **\$1,200 per year**

YOUR FIRST CHOICE FOR A BETTER FUTURE

The Central Valley Mother Lode Region of California Community Colleges
and its partner high schools have the tools you need to succeed



Agriculture & Natural Resources

Agricultural Business • Agricultural Mechanics
Agriscience • Animal Science
Forestry and Natural Resources
Ornamental Horticulture • Plant and Soil Science



Health Science & Medical Technology

Biotechnology • Patient Care
Health Care Administrative Services
Health Care Operational Support Services
Public and Community Health • Mental and Behavioral Health



Business & Finance

Business Management
Financial Services
International Business



Arts, Media & Entertainment

Design, Visual, and Media Arts
Performing Arts
Production and Managerial Arts
Game Design and Integration



Hospitality, Tourism & Recreation

Food Science, Dietetics and Nutrition
Food Services and Hospitality
Hospitality, Tourism and Recreation



Education, Child Development & Family Services

Child Development
Consumer Services Education
Family and Human Services



Building & Construction Trades

Cabinetry, Millwork and Woodworking
Engineering and Heavy Construction
Mechanical Systems Installation and Repair
Residential and Commercial Construction



Information & Communication Technologies

Information Support and Services • Networking
Software and Systems Development
Games and Simulation



Energy, Environment & Utilities

Environmental Resources
Energy and Power Technology
Telecommunications



Engineering & Architecture

Architectural Design
Engineering Technology
Engineering Design
Environmental Engineering



Manufacturing & Product Development

Graphic Production Technologies
Machining and Forming Technologies
Welding and Materials Joining
Product Innovation and Design



Public Services

Public Safety
Emergency Response
Legal Practices



Fashion & Interior Design

Fashion Design and Merchandising
Interior Design
Personal Services



Marketing, Sales & Services

Marketing
Professional Sales
Entrepreneurship/Self-Employment



Transportation

Operations
Structural Repair and Refinishing
Systems Diagnostics and Service



Kern County



Central Valley



General Information



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