

# Learning & Career Pathways



Destination

Bakersfield College has organized course work and student support into Learning and Career pathways. The pathways provide an opportunity for students to explore specific majors within a broader pathway before selecting a program of study. Pathways benefit students goal by providing an opportunity for career exploration, minimizing excess credits and maximizing the credit for each course within the pathways. The 10 pathways are each supported by a Completion Coaching Community of experts in careers, courses, financial aid, study skills, transfer and employment to connect with students' needs.



Start Here

Bakersfield College offers a variety of degrees and short term certificates:

- Bachelor of Sciend (BS) in Industrial Automation
- Associates Degrees (AA/AS)
- Associate Degrees for Transfer (AA-T/AS-T)
- Certificates of Achievement (CA)
- Job Skills (JSC)

Each Learning and Career Pathway has a Completion Coaching Community of pathway experts designed to help students complete their educational goals.

## Agriculture, Nutrition & Culinary Arts

### Programs of Study

- Agriculture - Animal Science (AS, AS-T, CA)
- Agriculture - Plant Science - Crops Emphasis (AS)
- Agriculture - Plant Science - Horticulture Emphasis (AS)
- Agriculture Business (AS-T)
- Agriculture Business Management (CA)
- Agriculture- Plant Science (AS-T, CA)
- Culinary Arts (AS, CA)
- Dietetic Services Supervisor Program (CA)
- Environmental Horticulture (CA, JSC)
- Foodservices Management Option (AS)
- Forestry (AS, AA, CA)
- Heavy Equipment Technician (CA)
- Registered Veterinary Technician (JSC)

## Arts, Humanities & Communication

### Programs of Study

- American Sign Language (AA)
- ASL Interpreter Program (CA)
- Art History (AA-T)
- Commercial Music (CA)
- Communication (CA)
- Communication Studies (AA-T)
- English (AA-T)
- Graphic Design (CA)
- History (AA-T)
- Journalism (AA-T)
- Liberal Arts (AA)
- Media Arts (CA)
- Music (AA-T)
- Philosophy (AA-T)
- Photography (CA)
- Spanish (AA-T)
- Studio Arts (AA-T)
- Theater Arts (AA-T)

## Business

### Programs of Study

- Accounting (AA)
- Administrative Office Assistant (AA)
- Bookkeeping (CA)
- Business Administration (AS-T)
- Economics (AA-T)
- General Business (JSC)
- Office Assistant (CA, JSC)

# Learning & Career Pathways

(continued)

## Education

### Programs of Study

- Child Development Assistant Teacher (JSC)
- Child Development Associate Teacher (JSC)
- Child Development Master Teacher- Infant/Toddler (CA)
- Child Development Master Teacher-Special Education (CA)
- Child Development Teacher (CA)
- Early Childhood Education (AS-T)
- Elementary Teacher Education (AA-T)

## Health Sciences

### Programs of Study

- Health Information Technology (AS)
- Health Navigator (CA)
- Human Biology (AS)
- Kinesiology (AA-T)
- LVN to Associate Degree Nursing Program (AS)
- LVN to non-Degree Nursing
- Nurse Assistance (CNA) (JSC)
- Primary Care Physician Assistant
- Principles of Fluoroscopy (JSC)
- Principles of Venipuncture (JSC)
- Public Health Sciences (AS-T)
- Radiology Technology (AS)
- Registered Nursing (AS)
- Vocational Nursing (OA)

## Public Safety

### Programs of Study

- Administration of Justice (AS-T)
- Correctional Administration (AA)
- Criminal Justice (AA)
- Emergency Medical Technician (EMT-1) (JSC)
- Executive Chief Fire Officer (CA)
- Fire Academy (JSC)
- Fire Technology (AA, CA)
- Firefighter 1 Academy (CA)
- Paramedic Program (AS, CA)
- Wildland Fire Technology (AS, JSC)

## STEM

### Programs of Study

- Biology – General Biology (AS-T)
- Chemistry (AS-T, AS)
- CompTIA (CA)
- Computer Science (AS-T)
- Engineering (AS)
- Environmental Science (AS-T)
- Geology (AS-T)
- Mathematics (AS-T)
- Physics (AS-T)
- Pre-Vet

## Social & Behavioral Sciences

### Programs of Study

- Administration of Justice (AS-T)
- Anthropology (AA-T)
- Criminal Justice (AA)
- Economics (AA-T)
- History (AA-T)
- Human Services (AA, JSC)
- Philosophy (AA-T)
- Political Science (AA-T)
- Pre-Law
- Psychology (AA-T)
- Sociology (AA-T)

## Personal & Career Exploration

### Programs of Study

For the undeclared student and those exploring a variety of potential careers

- Personal Development
- Skills Building Coursework
- Gen Ed Certificates (California State University (CSU) General Education Breadth (CA)
- Intersegmental General Education Transfer Curriculum (IGETC) (CA)
- Intersegmental General Education Transfer Curriculum (IGETC) for Stem (CA)

# Learning & Career Pathways

(continued)

## Industrial & Transportation Technology

### Programs of Study

- Architectural Computer Aided Drafting (JSC)
- Architectural Drafting (AS)
- AutoCAD (JSC)
- Automatic Transmissions (CA)
- Automotive- HVAC (CA)
- Automotive Management (CA)
- Automotive Technology (AS)
- Basic Machine Tool Operations-Lathe, Mill (JSC)
- Blueprint Reading and Layout for Welders (JSC)
- Brakes Systems (CA)
- Cabinet making (CA)
- Carpentry Apprenticeship (AS, CA)
- Computer Numerical Control Program (JSC)
- Construction Management (AS)
- Construction Technology (CA)
- Electrical and Electronic Systems (CA)
- Electrician Apprenticeship (AS, CA)
- Electronics Technology (CA)
- Electronics-Industrial Automation (JSC)
- Electronics-Industrial Communication (JSC)
- Electronics-Industrial Maintenance (JSC)
- Electronics-Manufacturing Automation (JSC)
- Engine Overhaul and Repair (CA)
- Engine Performance (CA)
- Engineering (AS)
- Engineering Technology (AS)
- Gas Metal/Tungsten/Flux Core Arc Welding (JSC)
- HVAC Technology (AS, CA)
- Industrial Automation (BS, AS, CA)
- Industrial Drawing (AA, CA)
- Industrial Technology – Electronics (AS, CA)
- Industrial Technology – Industrial Drawing (AS)
- Industrial Technology – Manufacturing Tech. (AS, CA)
- Industrial Technology – Welding (AS, CA)
- Industrial Technology – Woodworking and Cabinetmaking (AS)
- Industrial Technology-General (AS)
- Light Duty Diesel Performance (CA)
- Manual Drive Train and Axles (CA)
- Manufacturing Technology (CA)
- Manufacturing Metal Fabrication Technology (CA)
- Occupational Safety & Risk Management - Agriculture (AS)
- Occupational Safety & Risk Management - Business (AS)
- Occupational Safety and Risk Management - Health Science (AS)
- Occupational Safety and Risk Management - Industrial Technology (AS)
- Operating Engineer Apprenticeship (AS, CA)
- Plumbers & Steamfitters Apprenticeship (AS, CA)
- Sheetmetal Apprenticeship (AS, CA)
- Shielded Metal Arc Welding (JSC)
- Suspension and Steering (CA)
- Welding Certification (JSC)
- Woodworking and Cabinetmaking (CA)

### Program Pathways Mapper

There's a pathway for everyone at Bakersfield College! Explore the Program Pathways Mapper today to learn all that BC has to offer!

Each Pathway allows you to explore a set of program maps that show a semester-by-semester path from program entry to completion. You will also find videos and program learning outcomes that will deepen your understanding of each program and Pathway, helping you build confidence in your program choice. Explore our programs with the [Program Pathways Mapper](#).