

# Programs Certificates and Degrees

Listed below are Job Skills Certificates (JSC), Certificates of Achievement (CA), Associate in Arts (AA), Associate in Science (AS), and Associate in Arts for Transfer (AA-T) which Bakersfield College currently offers.

Suggested courses of study that may be found in the catalog are indicated by (JSC), (CA), (AA), (AS) or (AA-T). A\* indicates that the student must consult the appropriate department chair for further information. Job Skills Certificates (less than 18 units) document the satisfactory completion of training in a specific area of study. Certificates of Achievement (18 units of study or more) are awarded for the completion of a formal instructional program which is designed to give the learner skills, knowledge, and attitudes for a specific field or endeavor.

To apply for any certificate, students must have earned at least 3 credits of the courses required for the certificate at Bakersfield College. Upon completion of the requirements for a certificate, the student contacts the academic department to complete an application for a Certificate of Achievement or a Job Skills Certificate. Certificates are issued by the department 6-8 weeks after the receipt of the application. Only Certificates of Achievement will be posted to transcripts.

#### Agriculture

- Agriculture Business Management (CA, AA, AS)
- Animal Science (CA, AA, AS)
- Environmental Horticulture (CA, AA, AS)
- Forestry (CA, AA, AS)
- Horticulture (AA)
- Plant Science (CA, AA, AS)
- Registered Veterinary Technician (JSC)

Air Conditioning, Heating & Refrigeration (JSC)

American Sign Language (AA)

Anthropology (AA)

#### Apprenticeship

- Carpentry (CA, AA\*)
- Electrician (CA, AA\*)
- Operating Engineers (CA, AA\*)
- Plumbers & Steamfitters (CA, AA\*)
- Sheet Metal (CA, AA\*)

#### Architecture

- Architectural CAD (JSC)
- Architecture Drafting (AA)
- Architecture/Architectural Drafting (AS)

Art (AA) – see also Digital Arts

#### Automotive

- Auto Brakes & Wheel Alignment (CA)
- Auto Engine Overhaul (CA)
- Automotive Heating, Ventilation and Air Conditioning-HVAC (JSC)
- Auto Tune-up and Emission Systems (CA)
- Automotive Management (JSC)
- Automotive Power Trains (CA)
- Basic and Advanced Clean Air Car Course (JSC)
- Industrial Technology, Automotive Option (AS)

#### Biology

- Emphasis in General Biology (AS)
- Emphasis in Human Biology (AS)

#### Business Administration

- Accounting (AA)
- Administrative Office Assistant (AA)
- Bookkeeping (CA)
- Business Administration (AA)
- General Business (JSC)
- General Management (JSC)
- Marketing (CA, AA)
- Office Assistant (JSC, CA)
- Real Estate (CA, AA)
- Retail Management (CA)

Cabinetmaking - see Woodworking

Chemistry (AS)

Chicano(a)/Latino(a) Studies (AA)

#### Child Development

- Child Development & Family Relations (AS)
- Child Development Teacher (CA)
- Child Development Assistant Teacher (JSC)
- Child Development Associate Teacher (JSC)
- Child Development Master Teacher: Infant Toddler (CA)
- Child Development Master Teacher: Special Education (CA)

Communication (CA, AA-T)

#### Computer Studies

- Computer Information Systems (CA, AA, AS)

Computer Studies continued	History (AA)
Computer Science (CA, AS)	
Web Development: Design Emphasis (CA, AS)	
Web Development: Web Programming Emphasis (CA, AS)	Human Services (JSC, AA, AS)
Web Development: Cross Discipline (CA, AS)	
	Industrial Drawing (AA)
Construction Technology (CA)	AutoCAD (JSC)
Industrial Technology, Construction Option (AS)	Industrial Technology, Industrial Drawing Option (AS)
Correctional Administration (AA)	Industrial Technology (General) (AS)
Criminal Justice (AA)	Journalism (AA)
Digital Arts (CA, AA)	Liberal Arts (AA)
Economics (AA)	Liberal Studies (AA)
Electronics Technology (CA)	Manufacturing Technology (CA)
Industrial Technology Electronics Option (AS)	Basic Machine Tool Operations-Lathe, Mill (JSC)
	Computer Numerical Control Programming (JSC)
	Industrial Technology: Manufacturing Technology (AS)
Emergency Medical Technology Program, EMT-1 (JSC)	
	Mathematics (AA)
Engineering (AS)	
	Music (AA)
Engineering Technology (AS)	
	Nursing, Registered (AS)
	Nurse Assistant (JSC)
	Vocational Nursing (CA)
English (AA)	
	Philosophy (AA)
Fire Technology	
Fire Technology (CA, AA, AS)	
Chief Officer Certification, Nfpa Standard 1021 (CA)	Physical Education (AA)
Fire Officer Certification Nfpa Standard 1021 (CA)	
Wildland Fire Technology (AS)	Physics (AS)
Foods/Nutrition	Political Science (AA)
Food Service Management (AS)	Political Science, Emphasis in International Relations (AA)
Child Nutrition Management Program (CA, AS)	Political Science, Emphasis in Domestic Policy (AA)
Culinary Arts (CA, AS)	
Dietetic Services (CA)	
	Psychology (AA-T)
Geology (AS)	

## Radiologic Technology (AS)

Principles of Fluoroscopy (JSC\*)

Principles of Venipuncture (JSC\*)

## Sociology (AA-T)

## Spanish (AA)

## Theatre Arts (AA)

## Welding (CA)

Blueprint Reading &amp; Layout for Welders (JSC)

Gas Metal Arc/Gas Tungsten Arc Welding/Flux Core Arc  
Welding (JSC)

Shielded Metal Arc Welding (JSC)

Industrial Technology Welding Option (AS)

## Woodworking/Cabinetmaking (JSC)

Cabinetmaking (CA)

Industrial Technology, Woodworking and  
Cabinetmaking Option (AS)