

# Programs Certificates and Degrees

**PROGRAMS, CERTIFICATES AND DEGREES**

Listed below are Certificates of Specialization, Certificates of Achievement and Degree Programs which Bakersfield College currently offers. Suggested courses of study that may be found in the catalog are indicated by (CS), (CA), (AA) or (AS). A\* indicates that the student must consult the appropriate department chair for further information. Certificates of Specialization (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. Upon application, students will be awarded a Certificate of Achievement. Certificates of Achievement will be posted to transcripts.

**CS - Certificate of Specialization - CA - Certificate of Achievement - AA - A.A. Degree - AS - A.S. Degree**

Administration of Justice - see also Criminal Justice

- Campus Security (CS)
- Corrections Academy (CS)
- Juvenile Counselor Academy (CS)
- Peace Officers' Basic Academy (P.O.S.T.) (CS)
- PC 832, Arrest & Control Techniques (CS)
- PC 832, Firearms Training (CS)
- Public Safety Dispatcher (CS)
- Special Topics (CS)

Agriculture

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

Air Conditioning, Heating & Refrigeration (CS)

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 (CS)
- Architecture Drafting (AA)
- Architecture/Architectural Drafting (AS)

Art (AA) – see also Digital Arts

Automotive

- Auto Brakes & Wheel Alignment (CA)
- Auto Engine Overhaul (CA)
- Auto Tune-up and Emission Systems (CA)
- Automotive Power Trains (CA)

- Diesel & Heavy Equipment Service & Repair (CS)
- Industrial Technology, Automotive Option (AS)

Biology (AS)

Business Administration

- Accounting (AA)
- Administrative Office Assistant (AA)
- Bookkeeping (CA)
- Business Administration (AA)
- Business Communication (CS)
- General Business (CS)
- General Management (CS)
- Marketing (CA, AA)
- Office Assistant (CS, 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 (CS)
- Child Development Associate Teacher (CS)
- Child Development Master Teacher: Infant Toddler (CA)
- Child Development Master Teacher: School Age (CA)
- Child Development Master Teacher: Preschool Programming (CA)
- Child Development Master Teacher: Special Education (CA)
- Family Child Care Provider II (CS)

Communication (CS, AA)

- Business Communication (CS)

Computer Studies

- Computer Information Systems (CA, AA, AS)
- Computer Science (CA, AS)
- Geographic Information Systems (GIS) (CS)

## PROGRAMS, CERTIFICATES AND DEGREES

### Networking Certificates of Specialization:

- CompTIA Network (CS)
- Administering/Supporting Microsoft NT (CS)
- Microsoft Active Directory Services (MCSE 70-219 Exam Prep) (CS)
- CompTIA Linux (CS)
- MCSE Internetworking with Microsoft TCP/IP (CS)

### Other Certificates of Specialization:

- Microcomputer Applications using Microsoft Office 2007 (CS)
- Computer Hardware Diagnostics (CS)
- Microsoft Office Word 2007 (CS)
- Microsoft Office Excel 2007 (CS)
- Microsoft Office Access 2007 (CS)
- Microsoft Office Powerpoint 2007 (CS)
- Introduction to OpenOffice (CS)
- Web Development (CS)
- Web Development: Design Emphasis (CA, AS)
- Web Development: Web Programming Emphasis (CA, AS)
- Web Development: Cross Discipline (CA, AS)

### Construction Technology (CA)

- Industrial Technology, Construction Option (AS)

### Correctional Administration (AA)

### Criminal Justice (CS, AA)

### Digital Arts (CA, AA)

### Economics (AA)

### Electronics Technology (CA)

- Industrial Technology Electronics Option (AS)

### Emergency Medical Technology Program (CS)

### Engineering (AS)

### Engineering Technology (AS)

### English (AA)

### Fire Technology

- Fire Technology (CA, AA, AS)
- Chief Officer Certification, Nfpa Standard 1021 (CA)
- Driver/Operator Certification (CS)
- Fire Inspector Certification (CS)
- Fire Officer Certification Nfpa Standard 1021 (CA)
- Firefighter I Certification (CS)
- Firefighter II Certification (CS)
- Fire Safety Dispatcher (CS)
- Hazardous Materials (CS)
- Rescue and Life Safety (CS)
- Specialized Training Programs (CS)
- Wildland Fire Control (CS)
- Wildland Fire Technology (AS)

### Foods/Nutrition

- Food Service Management (AS)
- Child Nutrition Management Program (CA, AS)
- Culinary Arts (CA, AS)
- Dietetic Services (CA)

### French (AA)

### Geology (AS)

### History (AA)

### Human Services (CS, AA, AS)

### Industrial Drawing (AA)

- AutoCAD (CS)
- Industrial Technology, Industrial Drawing Option (AS)

### Industrial Technology (General) (AS)

- Industrial Technology (CS)

### Journalism (AA)

- Advertising for Print and Online Media (CS)
- Computer Graphics for Print & Online Media (CS)
- Editorial Leadership (CS)
- News Reporting (CS)
- Online Media (CS)
- Photojournalism (CS)

### Liberal Arts (AA)

- CVHEC Liberal Arts Transfer (AA)

### Liberal Studies (AA)

### Manufacturing Technology (CA)

- Basic Machine Tool Operations-Lathe, Mill (CS)
- Computer Numerical Control Programming (CS)
- Control Systems Technology (CA, AS)
- Industrial Technology: Manufacturing Technology (AS)
- Production Maintenance (CS)
- Programmable Logic Controllers (Basic PLC's) (CS)

### Mathematics (AA)

### Music (AA)

### Nursing, Registered (AS)

- Nurse Assistant (CS)
- Vocational Nursing (CA)

### Philosophy (AA)

### Physical Education (AA)

### Physics (AS)

Political Science (AA)

Political Science, Emphasis in International  
Relations (AA)

Political Science, Emphasis in Domestic Policy (AA)

Psychology (AA)

Radiologic Technology (AS)

Fluoroscopy (CS\*)

Venipuncture (CS\*)

Sociology (AA)

Spanish (AA)

Theatre Arts (AA)

Welding (CA)

Blueprint Reading & Layout for Welders (CS)

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

Shielded Metal Arc Welding (CS)

Industrial Technology Welding Option (AS)

Woodworking/Cabinetmaking (CS)

Cabinetmaking (CA)

Industrial Technology, Woodworking and  
Cabinetmaking Option (AS)