**Appendix D – CTE**

**Career Pathways**

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**Bakersfield College**

**Career & Technical Education Program Certificates**

**2013-2014 Catalog**

**Job Skills Certificates** (**JSC**) – Fewer than 18 units

**Certificates of Achievement** (**CA) –** More than18 units

**Agriculture and Natural Resources**

**Agriculture and Natural Resources (Catalog page 59)**

• ***Registered Veterinary Technician* (JSC)**

|  |  |
| --- | --- |
| **Required Courses: 17.5 units** | |
|  | |
| [ANSC](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=236) B83 | Introduction to Veterinary Technology 4.0 |
| [ANSC B84](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=236) | Small Animal Diseases 1.5 |
| [ANSC B85](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=236) | Large Animal Diseases 1.5 |
| [ANSC B86](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=236) | Pharmacology for Veterinary Technicians 1.5 |
| [ANSC B88](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=236) | Surgery, Dental and Anesthesiology for Veterinary Technicians 1.5 |
| [ANSC B90](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=236) | Emergency Medicine, Surgery/Nursing Procedures for Veterinary Technicians 2.0 |
| [ANSC B92](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=236) | Clinical Pathology for Veterinary Technicians 2.0 |
| [ANSC B94](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=236) | Caged Birds, Laboratory, and Exotic Animal Medicine 2.0 |
| [ANSC B96](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=236) | Radiology, Ultrasound, and Diagnostic Imaging for Veterinary Technology 1.5 |

**• Agriculture Business Management (CA**)

|  |  |
| --- | --- |
| **Required units: 32** | |
| [AGBS B2](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=1) | Agricultural Economics 3.0 |
| or |  |
| [SOIL B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=1) | Introduction to Soil Science 3.0 |
| or | |
| [CRPS B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=1) | Principles of Crop Production 1.0 |
|  |  |
| [AGBS B6](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=1) | Agricultural Sales and Communication 3.0 |
| [AGRI B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=1) | Agriculture, Environment and Society 3.0 |
|  |  |
| [MCAG B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=1) | Introduction to Agricultural Mechanics 3.0 |
| or | |
| [COMS B5](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=1) | Introduction to Microsoft Office 2010 3.0 |
| or | |
| [COMS B2](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=1) | Introduction to Computer Information Systems 3.0 |
|  |  |
| [WEXP B248](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=1) | Cooperative Work Experience Education 3.0 |
|  |  |
| [CRPS B2](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=1) | Forage Crops 3.0 |
| or | |
| [NRES B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=1) | Range Management 3.0 |
|  |  |
| [ANSC B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=1) | Introduction to Animal Science 3.0 |
| or | |
| [ANSC B2](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=1) | Beef Production 3.0 |
| or | |
| [ANSC B4](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=1) | Dairy Production 3.0 |
| or | |
| [ANSC B10](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=1) | Horse Production 3.0 |
|  |  |
| [FORE B2](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=1) | Natural Resources 3.0 |
| or | |
| [FORE B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=1) | Introduction to Forestry 3.0 |
| or | |
| [FORE B3](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=1) | Wildlife Management 3.0 |
| or | |
| [FORE B5](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=1) | Identification of California Wildlife 3.0 |
| or | |
| [FORE B6](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=1) | Forestry Skills 3.0 |
|  |  |
| [AGRI B49](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=1) | Agriculture Leadership Training 2.0 |

**• Animal Science (CA)**

|  |  |
| --- | --- |
| **Required Courses: 30 units** | |
| [AGRI B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=6) | Agriculture, Environment and Society 3.0 |
| [ANSC B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=6) | Introduction to Animal Science 3.0 |
| [AGRI B49](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=6) | Agriculture Leadership Training 2.0 |
|  | |
| **Select 22 units from the following courses:** | |
|  | |
| [ANSC B2](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=6) | Beef Production 3.0 |
| [ANSC B3](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=6) | Sheep Production 3.0 |
| [ANSC B4](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=6) | Dairy Production 3.0 |
| [ANSC B6](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=6) | Applied Animal Nutrition 4.0 |
| [ANSC B7](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=6) | Livestock Diseases 3.0 |
| [ANSC B10](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=6) | Horse Production 3.0 |
| [ANSC B11](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=6) | Livestock Selection and Evaluation 3.0 |
| [ANSC B22](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=6) | Animals and Society 3.0 |
| [ANSC B84](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=6) | Small Animal Diseases 1.5 |
| [ANSC B86](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=6) | Pharmacology for Veterinary Technicians 1.5 |
| [ANSC B88](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=6) | Surgery, Dental and Anesthesiology for Veterinary Technicians 1.5 |
| [ANSC B90](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=6) | Emergency Medicine, Surgery/Nursing Procedures for Veterinary Technicians |
| [ANSC B92](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=6) | Clinical Pathology for Veterinary Technicians 2.0 |
| [ANSC B94](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=6) | Caged Birds, Laboratory, and Exotic Animal Medicine 2.0 |
| [ANSC B96](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=6) | Radiology, Ultrasound, and Diagnostic Imaging for Veterinary Technology 1.5 |
| [WEXP B248](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=6) | Cooperative Work Experience Education 3.0 |
| or | |
| [WEXP B249](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=6) | Cooperative Work Experience Education 1-3.0 |

• **Environmental Horticulture (CA)**

|  |  |
| --- | --- |
| **Required Courses: 29 units** | |
| [CRPS B3](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=12) | Integrated Pest Management 3.0 |
| [ORNH B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=12) | Introduction to Ornamental Horticulture 3.0 |
| [ORNH B2](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=12) | Fundamentals of Nursery Management and Plant Production 3.0 |
| [ORNH B3](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=12) | Landscape Installation and Maintenance 3.0 |
| [ORNH B4](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=12) | Plant Propagation 3.0 |
| [ORNH B6](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=12) | Ornamental Plant Identification - Ground Covers, Vines, and Dwarf Shrubs 3.0 |
| [ORNH B7](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=12) | Ornamental Plant Identification - Large Shrubs, Small Trees, Large Trees & Palms 3.0 |
| [ORNH B8](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=12) | Introduction to Landscape Design 3.0 |
|  |  |
| [WEXP B248](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=12) | Cooperative Work Experience Education 3.0 |
| or | |
| [WEXP B249](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=12) | Cooperative Work Experience Education 1-3.0 |
|  |  |
| [AGRI B49](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=12) | Agriculture Leadership Training 2.0 |

**• Forestry (CA)**

|  |  |
| --- | --- |
| **Required Courses: 36 units** | |
| [AGBS B2](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=16) | Agricultural Economics 3.0 |
| [SOIL B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=16) | Introduction to Soil Science 3.0 |
| [AGRI B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=16) | Agriculture, Environment and Society 3.0 |
| [FORE B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=16) | Introduction to Forestry 3.0 |
| [FORE B2](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=16) | Natural Resources 3.0 |
| [FORE B6](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=16) | Forestry Skills 3.0 |
| [WEXP B248](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=16) | Cooperative Work Experience Education 1.0 |
| or | |
| [WEXP B249](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=16) | Cooperative Work Experience Education |
| and |  |
| [AGRI B49](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=16) | Agriculture Leadership Training 2.0 |
|  | |
| **Select 12 units from the following** | |
| [FORE B3](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=16) | Wildlife Management 3.0 |
| [FORE B4](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=16) | Wildlife Law Enforcement 3.0 |
| [FORE B5](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=16) | Identification of California Wildlife |
| [FORE B7](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=16) | Wildland Fire Management 3.0 |
| [CRPS B3](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=16) | Integrated Pest Management 3.0 |
| [CRPS B10](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=16) | Plant Biology 4.0 |
| [NRES B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=16) | Range Management 3.0 |
| [NRES B2](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=16) | Parks and Outdoor Recreation 3.0 |
| [BIOL B11](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=16) | Concepts of Biology 4.0 |
| [COMS B5](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=16) | Introduction to Microsoft Office 2010 3.0 |
| [COMS B37](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=16) | Introduction to Geographic Information Systems 3.0 |

• **Plant Science (CA)**

|  |  |
| --- | --- |
| **Required Courses: 24 units** | |
| [SOIL B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=7) | Introduction to Soil Science 3.0 |
| [AGRI B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=7) | Agriculture, Environment and Society 3.0 |
| [ORNH B4](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=7) | Plant Propagation 3.0 |
| [CRPS B3](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=7) | Integrated Pest Management 3.0 |
| [CRPS B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=7) | Principles of Crop Production 3.0 |
| [CRPS B2](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=7) | Forage Crops 3.0 |
| [CRPS B4](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=7) | Vegetable Production 3.0 |
| NRES B1 | Range Management 3.0 |

**Arts, Media and Communication**

**Arts, Media & Communication**

**Communication (Catalog page 82)**

• **Communication Studies (CA)**

|  |  |
| --- | --- |
| **Select 12 units from the following:** | |
| [COMM B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=234) | Public Speaking 3.0 |
| [COMM B2](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=234) | Interpersonal Communication 3.0 |
| [COMM B4](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=234) | Persuasive Communication 3.0 |
| [COMM B5](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=234) | Rhetoric and Argumentation 3.0 |
| [COMM B6](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=234) | Intercultural Communication 3.0 |
| [COMM B7](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=234) | Organizational Communication 3.0 |
| [COMM B8](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=234) | Small Group Communication 3.0 |
| [COMM B10](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=234) | Communication and Leadership 3.0 |

**Digital Arts (Catalog page 89)**

**• Digital Arts (CA)**

|  |  |
| --- | --- |
| **Required Courses: 27 units** | |
|  | |
| [ART B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=55) | Art Appreciation 3.0 |
| or | |
| [ART B2](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=55) | Drawing I 3.0 |
| or | |
| [ART B8](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=55) | Figure Drawing I 3.0 |
|  |  |
| [ART B4](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=55) | Two Dimension Design 3.0 |
| [ART B20](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=55) | Digital Art I - Vector Art 3.0 |
| [ART B42](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=55) | Graphic Design 3.0 |
| [ART B40](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=55) | Digital Illustration 3.0 |
| [ART B41](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=55) | Advertising Design 3.0 |
| [ART B25](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=55) | Typography 3.0 |
| **Electives: at least 3 units** | |
| [ART B16](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=55) | Digital Photography 3.0 |
| [ART B17](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=55) | Black and White Photography 3.0 |
| [ART B24](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=55) | Digital Art II – Raster Art 3.0 |

**Business, Management and Technology**

**Business Management & Technology**

**Business Administration (Catalog page 74)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| • **General Business (JSC)**   |  |  | | --- | --- | | **Total Units: 12** | | |  | | | [BSAD B5](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=70) | Human Relations/People Skills 3.0 | | [BSAD B20](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=70) | Introduction to Business 3.0 | | [COMS B5](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=70) | Introduction to Microcomputer Applications using Microsoft Office 2007 3.0 | | [BSAD B53a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=70) | Introduction to Accounting I 3.0 | | or | | | [BSAD B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=70) | Financial Accounting 4.0 |   • **General Management (JSC)**   |  |  | | --- | --- | | **Total Units: 12** | | |  | | | [BSAD B61](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=148) | Human Resources Management 3.0 | | [BSAD B65](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=148) | Basic Principles of Organizational Communication 3.0 | | [BSAD B5](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=148) | Human Relations/People Skills 3.0 | | [BSAD B43](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=148) | Principles of Management 3.0 | |  |  | |

• **Office Assistant (JSC)**

|  |  |  |
| --- | --- | --- |
| **Total Units: 11 – Job Skills Certificate** | | |
|  |  |
| [BSAD B252abc](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=161) | Computer Keyboarding, Parts 1-2-3 3.0 |
| [BSAD B287](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=161) | Filing 1.5 |
| [BSAD B85/B285](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=161) | Business English 3.0 |
| [COMS B5](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=161) | Introduction to Microcomputer Applications using Microsoft Office 2010 3.0 |
| [BSAD B264](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=161) | Ten-Key Proficiency 0.5 |

|  |  |
| --- | --- |
| • **Office Assistant (CA)** | |
| **Total Units: 27.5 - Certificate of Achievement** | |
|  |  |
| [BSAD B252abc](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=76) | Computer Keyboarding, Parts 1-2-3 3.0 |
| [BSAD B287](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=76) | Filing 1.5 |
| [BSAD B85/B285](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=76) | Business English 3.0 |
| [COMS B5](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=76) | Introduction to Microcomputer Applications using Microsoft Office 2010 3.0 |
| [BSAD B264](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=76) | Ten-Key Proficiency 0.5 |
| BSADB53a | Introduction to Accounting 3.0 |
| [BSAD B5](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=76) | Human Relations/People Skills 3.0 |
| [BSAD B88](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=76) | Office Procedures 3.0 |
| [BSAD B253abc](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=76) | Document Processing Part 1-2-3 3.0 |
|  |  |
| [BSAD B280](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=76) | Machine Transcription 1.5 |
| or | |
| [WEXP B248](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=76) | Cooperative Work Experience Education 1-3.0 |
| or | |
| [WEXP B249](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=76) | Cooperative Work Experience Education 1-3.0 |
|  |  |
| [BSAD B20](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=76) | Introduction to Business 3.0 |

• **Bookkeeping (CA)**

|  |  |
| --- | --- |
| **Total Units: 25.5** | |
|  | |
| [BSAD B53a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=68) | Introduction to Accounting 1 3.0 |
| [BSAD B53b](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=68) | Introduction to Accounting 2 3.0 |
| [BSAD B54](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=68) | Payroll Accounting 3.0 |
| [BSAD B55](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=68) | Computer Accounting Applications 3.0 |
| [BSAD B51](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=68) | Business Mathematics 3.0 |
| [BSAD B264](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=68) | Ten-Key Proficiency 0.5 |
| [BSAD B252a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=68) | Computer Keyboarding, Part 1 1.0 |
| [BSAD B20](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=68) | Introduction to Business 3.0 |
| [COMS B5](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=68) | Introduction to Microcomputer Applications using Microsoft Office 2010 3.0 |
| [BSAD B5](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=68) | Human Relations/People Skills 3.0 |

• **Marketing (CA)**

|  |  |
| --- | --- |
| **Total Units: 21** | |
|  | |
| [BSAD B20](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=74) | Introduction to Business 3.0 |
| [BSAD B9](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=74) | Fundamentals of Marketing 3.0 |
|  |  |
| [BSAD B85/B285](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=74) | Business English 3.0 |
| or | |
| [BSAD B65](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=74) | Basic Principles Organizational Communication 3.0 |
|  |  |
| [BSAD B90](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=74) | Fundamentals of Retailing 3.0 |
| [COMS B5](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=74) | Introduction to Microcomputer Applications using Microsoft Office 2010 3.0 |
| [BSAD B5](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=74) | Human Relations/People Skills 3.0 |
|  |  |
| [BSAD B53a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=74) | Introduction to Accounting I 3.0 |
| or | |
| [BSAD B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=74) | Financial Accounting 4.0 |

• **Retail Management (CA)**

|  |  |
| --- | --- |
| **Required Courses: 30 or 31 units** | |
|  | |
| [COMM B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=78) | Public Speaking 3.0 |
| or | |
| [COMM B7](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=78) | Organizational Communication 3.0 |
|  |  |
| [BSAD B65](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=78) | Principles of Organizational Communication 3.0 |
| [BSAD B51](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=78) | Business Mathematics 3.0 |
| [COMS B5](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=78) | Introduction to Microcomputer Applications using Microsoft Office 2010 3.0 |
| [BSAD B9](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=78) | Fundamentals of Marketing 3.0 |
| [BSAD B43](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=78) | Principles of Management 3.0 |
|  |  |
| [BSAD B53a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=78) | Introduction to Accounting 1 3.0 |
| or | |
| [BSAD B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=78) | Financial Accounting 4.0 |
|  |  |
| [BSAD B90](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=78) | Fundamentals of Retailing 3.0 |
| [BSAD B5](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=78) | Human Relations/People Skills 3.0 |
| [BSAD B61](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=78) | Human Resources Management 3.0 |

**Computer Studies (Catalog page 83)**

• **Computer Information Systems (CA)**

|  |  |
| --- | --- |
| **Required Courses: Minimum of 36** | |
|  | |
| [COMS B2](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=81) | Introduction to Computer Information Systems 3.0 |
| or | |
| [COMS B3](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=81) | Computer Concepts & Survival Skills |
|  |  |
| [COMS B5](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=81) | Introduction to Microcomputer Applications using Microsoft Office 2010 3.0 |
| [COMS B10](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=81) | Structured Program Design 2.0 |
| [COMS B32](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=81) | Programming in Windows Using Visual Basic 3.0 |
| [COMS B34](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=81) | SQL and Database Systems Design 3.0 |
| [COMS B37](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=81) | Introduction to Geographic Information Systems (GIS) 3.0 |
| [COMS B82](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=81) | CompTIA Networking Technologies-Network+ 3.0 |
|  |  |
| [BSAD B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=81) | Financial Accounting 4.0 |
| or | |
| [BSAD B53a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=81) | Introduction to Accounting (3.0) |
| and | |
| [BSAD B20](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=81) | Introduction to Business (3.0) |
|  | |
| **Programming Emphasis -- Select 9 units** | |
| [COMS B14](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=81) | Introduction to Programming with Java 3.0 |
| [COMS B25](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=81) | Introduction to Programming with C 3.0 |
| [COMS B35](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=81) | OOP and Data Structures with C++ 3.0 |
| [COMS B74a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=81) | Web Design: Adobe Dreamweaver 3.0 |
| [COMS B74b](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=81) | Web Design: HTML & XML 3.0 |
| [COMS B74c](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=81) | Web Programming: JavaScript/CSS 3.0 |
|  | |
| **Networking Emphasis -- Select 9 units** | |
| [COMS B93](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=81) | Microsoft Active Directory Services (MCSE 70-210 Exam Prep) 3.0 |
| [COMS B100](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=81) | Computer Hardware Diagnostics 4.0 |

• **Computer Information Systems (CA) Cont.**

|  |  |
| --- | --- |
| **Business Emphasis -- Select 9 units** | |
| [BSAD B2](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=81) | Managerial Accounting 4.0 |
| [BSAD B20](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=81) | Introduction to Business 3.0 |
| [MATH B22](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=81) | Elementary Probability and Statistics 5.0 |

• **Computer Science (CA)**

|  |  |
| --- | --- |
| **Required Courses: 36.0 units** | |
|  | |
| [COMS B2](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=85) | Introduction to Computer Information Systems 3.0 |
| or | |
| [COMS B3](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=85) | Computer concepts & Survival Skills 3.0 |
|  |  |
| [COMS B10](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=85) | Structured Program Design Using Python 2.0 |
| [COMS B14](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=85) | Introduction to Programming with Java 3.0 |
| [COMS B25](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=85) | Programming with C 3.0 |
| [COMS B32](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=85) | Programming in Windows Using Visual Basic 3.0 |
| [COMS B35](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=85) | OOP and Data Structures with C++ 3.0 |
| [COMS B82](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=85) | CompTIA Network Technologies-Network + 3.0 |
| [MATH B6a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=85) | Analytic Geometry and Calculus I 4.0 |
|  | |
| **Electives: at least 12 units** | |
|  | |
| [COMS B5](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=85) | Introduction to Microcomputer Applications using Microsoft Office 2010 3.0 |
| [COMS B14](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=85) | Introduction to Programming with Java 3.0 |
| [COMS B34](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=85) | SQL and Database Systems Design 3.0 |
| [COMS B37](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=85) | Introduction to Geographic Information Systems (GIS) 3.0 |
| [COMS B41](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=85) | Introduction to Linux 3.0 |
| [COMS B74a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=85) | Web Design: Adobe Dreamweaver 3.0 |
| [COMS B74b](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=85) | Web Design HTML & XML 3.0 |
| [COMS B74c](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=85) | Web Programming: JavaScript/CSS 3.0 |
| [COMS B93](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=85) | Microsoft Active Directory Services (MCSE 70-219 Exam Prep) 3.0 |
| [COMS B100](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=85) | Computer Hardware Diagnostics 4.0 |
| [MATH B22](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=85) | Elementary Probability and Statistics 5.0 |

• **Web Development (CA)**

|  |  |
| --- | --- |
| **Required Courses 26.5 - 28** | |
|  | |
| [COMS B74a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=152) | Web Design: Adobe Dreamweaver 3.0 |
| [COMS B74b](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=152) | Web Design: HTML & XML 3.0 |
|  |  |
| [COMS B74c](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=152) | Web Programming: JavaScript/CSS 3.0 |
| or | |
| [COMS B74e](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=152) | Intermediate Web Development: Web Authoring Tools 3.0 |
| or | |
| [COMS B75c](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=152) | Web Programming: PHP 3.0 |
|  |  |
| [COMS B101](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=152) | Web Systems and Security 3.0 |
| [COMS B82](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=152) | CompTIA Network+ 3.0 |
| [ART B20](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=152) | Digital Art I – Vector Art 3.0 |
| [BSAD B91](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=152) | E-Commerce 1.0 |
| [BSAD B65](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=152) | Principles of Organizational Communication 3.0 |
| Choose an Emphasis (Cross-Disc, Design, or Web Programming) | |

**Engineering and Industrial Technology**

**Engineering & Industrial Technology**

**Architecture (Catalog page 67)**

**• Architectural Computer Aided Drafting (JSC)**

|  |  |
| --- | --- |
| **Required Courses: 11 units** | |
|  | |
| [INDR B10](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=221) | Introduction to Industrial Drawing & Graphics 1.0 |
| [INDR B11](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=221) | Introduction to Computer Aided Drafting & Design (CAD) 1.0 |
| [INDR B20a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=221) | Computer Aided Drafting & Design (CAD) 3.0 |
| [ARCH B16](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=221) | Digital Tools for Graphics Communication 3.0 |
| [ARCH B33](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=221) | Architectural Computer Practice 3.0 |

**Automotive (Catalog page 69)**

**• Automotive Heating, Ventilation & Air Conditioning (JSC)**

|  |  |
| --- | --- |
| **Required Courses** | |
| [AUTO B59](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=256) | Automotive Air Conditioning 4.0 |
| [AUTO B14](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=256) | Auto Tune-Up: Electrical/Ignition/Accessories 11.0 |

• **Automotive Management (JSC)**

|  |  |
| --- | --- |
| **Required courses: 14 unit** | |
|  | |
| [AUTO B1ab](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=261) | Introduction to Automotive Technology 4.0 |
| [AUTO B3](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=261) | Fundamentals of Automotive Management and Services 4.0 |
| [INDT B10](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=261) | Occupational Readiness 3.0 |
| [COMS B5](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=261) | Introduction to Microsoft Office 2010 3.0 |

• **Basic and Advanced Clean Air Car Course (JSC)**

|  |  |
| --- | --- |
| **Required Courses** | |
| [AUTO B15](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=257) | Auto Tune-up: Fuel Systems & Emission Controls 11.0 | |
| [AUTO B61](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=257) | Basic & Enhanced Area Clean Air Car Course 4.0 | |

• **Auto Brakes and Wheel Alignment (CA)**

|  |  |
| --- | --- |
| **Required Courses: 24 units** | |
|  | |
| [AUTO B106](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=20) | Automotive Brakes, Suspension, Steering and Alignment 9.0 |
| AUTO B64 | Automotive Electricity and Electronics 4.0 |
| or | |
| [AUTO B14](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=20) | Automotive Tune-Up: Electrical and Ignitions11.0 |
| [INDT B10](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=20) | Occupational Readiness 3.0 or Equivalent |
|  | |
| **Electives: to equal at least 24 units** | |
| [AUTO B2a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=20) | Automotive Engine Overhaul 9.0 |
| or | |
| [AUTO B75a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=20) | Introduction to Engine Overhaul 3.0 |
| and | |
| [AUTO B75b](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=20) | Engine Repair Techniques 3.0 |
| WELD B1a | Introduction to the Welding Processes 3.0 |
| WELD B1b | Introduction to the Welding Processes 2.0 |
| [WEXP B249](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=20) | Cooperative Work Experience Education 1-4.0 |
| [INDT B275](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=20) | Special Problems in Automotive 2.0 |

• **Auto Engine Overhaul (CA)**

|  |  |
| --- | --- |
| **Required Courses: 24 units** | |
| **For Day Students:** | |
| [AUTO B2a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=21) | Engine Repair and Machining 9.0 |
| [AUTO B2b](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=21) | Advanced Engine Repair and Machining 9.0 |
| [INDT B10](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=21) | Occupational Readiness 3.0 or equivalent |
|  | |
| **For Night Students:** | |
| [AUTO B75a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=21) | Introduction to Engine Overhaul 3.0 |
| [AUTO B75b](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=21) | Engine Repair Techniques 3.0 |
| [AUTO B75c](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=21) | Advanced Engine Overhaul 3.0 |
| [AUTO B75d](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=21) | Advanced Engine Machining 3.0 |
| [INDT B10](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=21) | Occupational Readiness 3.0 or Equivalent |
|  | |
| **Electives: to equal at least 24 units** | |
| [AUTO B1ab](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=21) | Introduction to Automotive Technology 4.0 |
| [AUTO B14](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=21) | Automotive Tune-Up: Electrical and Ignitions/Accessories 11.0 |
| [AUTO B15](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=21) | Automotive Tune-up: Fuel and Emissions 11.0 |
| [AUTO B112](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=21) | Automotive Transmissions and Gear Boxes 9.0 |
| [WEXP B249](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=21) | Cooperative Work Experience Education 4.0 |
| [INDT B275](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=21) | Special Problems in Automotive 2.0 |
| [WELD B1ab](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=21) | Introduction to the Welding Processes 2.0 |
| WELD B1b | Introduction to the Welding Processes 2.0 |

• **Auto Tune-Up and Emission Systems (CA)**

|  |  |
| --- | --- |
| **Required Courses: 26 units** | |
|  | |
| [AUTO B14](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=22) | Automotive Tune-Up: Electrical and Ignitions 11.0 |
| [AUTO B15](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=22) | Automotive Tune-Up: Fuel Systems & Emissions Control 11.0 |
| [INDT B10](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=22) | Occupational Readiness 3.0 or Equivalent |
|  | |
| **Electives: to equal at least 26 units** | |
|  | |
| [AUTO B59](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=22) | Automotive Air Conditioning 4.0 |
| [AUTO B64](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=22) | Automotive Electricity and Electronics 4.0 |
| [AUTO B61](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=22) | Basic & Enhanced Area Clean Air Car Course 4.0 |
|  |  |
| [AUTO B75a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=22) | Introduction to Engine Overhaul 3.0 |
| or | |
| [AUTO B2a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=22) | Engine Repair & Machining 9.0 |
|  |  |
| [ELET B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=22) | Basic Electronics(DC and AC) 4.0 |
| [ENGL B50](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=22) | Introduction to College Composition 4.0 |
| [WEXP B249](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=22) | Cooperative Work Experience Education 1-4.0 |
| [INDT B275](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=22) | Special Problems in Automotive 2.0 |

• **Automotive Power Trains (CA)**

|  |  |
| --- | --- |
| **Required Courses: 24 units** | |
|  | |
| [AUTO B112](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=24) | Automatic Transmissions and Gear Boxes 9.0 |
| [AUTO B14](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=24) | Automotive Tune-Up: Electrical Ignitions 10.0 |
| **or** | |
| [AUTO B64](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=24) | Automotive Electricity and Electronics 4.0 |
| [INDT B10](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=24) | Occupational Readiness 3.0 or Equivalent |
| **Electives: to equal at least 24 units** | |
| [AUTO B106](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=24) | Automotive Brakes, Suspension, Steering and Alignment 9.0 |
| [AUTO B2a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=24) | Engine Repair & Machining 9.0 |
| **or** | |
| [AUTO B75a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=24) | Introduction to Engine Overhaul 3.0 |
| [WEXP B249](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=24) | Cooperative Work Experience Education 1-4.0 |
| [INDT B275](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=24) | Special Problems in Automotive 2-3.0 |
| [WELD B74a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=24) | Introduction to GMAW & FCAW 2.0 |
| WELD B74b | Introduction to GTAW 2.0 |

**Construction (Catalog page 87)**

• **Construction Technology (CA)**

|  |  |
| --- | --- |
| **Total Units: 32** | |
|  | |
| [ARCH B6](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=26) | Materials of Construction 3.0 |
| [ARCH B55](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=26) | Building Codes 3.0 |
| [CNST B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=26) | Introduction to Construction 3.0 |
| [CNST B2](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=26) | Estimating and Scheduling 3.0 |
|  |  |
| [CNST B50a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=26) | Residential Construction 7.0 |
| or | |
| [CNST B50b](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=26) | Residential Construction 7.0 |
| or | |
| [WEXP B249](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=26) | Cooperative Work Experience Education |
|  |  |
| [INDR B11](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=26) | Introduction to Computer Aided Drafting and Design (CAD) 1.0 |
| [INDR B10](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=26) | Introduction to Industrial Drawing and Graphics 1.0 |
| [INDT B10](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=26) | Occupational Readiness 3.0 (or equivalent) |
| [WOOD B2](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=26) | Furniture and Cabinetmaking 3.0 |
|  | |
| **Electives to total 32 units:** | |
| [ARCH B56](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=26) | Commercial Building Codes 3.0 |
| [AUTO B1ab](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=26) | Introduction to Automotive Technology 4.0 |
| [INDR B20a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=26) | Computer Aided Drafting and Design (CAD) 3.0 |
| [MATH B50](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=26) | Modern College Arithmetic & Pre-Algebra 4.0 |
| [WELD B1a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=26) | Introduction Oxygen Acetylene Welding and Cutting 2.0 |

**Electronics Technology (page 90)**

• **Electronics Technology (CA)**

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| **Required Courses: 34 units** | |
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| [ELET B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=27) | Basic Electronics (DC and DC) 4.0 |
| [ELET B5](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=27) | Programmable Logic Controllers 3.0 |
| [ELET B6](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=27) | Analog & Digital Electronics 4.0 |
| [ELET B55a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=27) | Electric Motors-Controls 4.0 |
| [ELET B56](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=27) | Instrumentation and Process Control 3.0 |
| [ELET B61](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=27) | Telecommunications 3.0 |
| [ELET B62](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=27) | Radio Communications 3.0 |
| [ELET B70](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=27) | Mechanical Systems 3.0 |
| [INDT B10](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=27) | Occupational Readiness 3.0 (or equivalent) |
| **Electives: at least 4 units** | |
| [ELET B4](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=27) | Computer Integrated Manufacturing 3.0 |
| [ELET B63](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=27) | Electronic Systems Installation 3.0 |
| [INDR B11](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=27) | Introduction to Computer Aided Drafting & Design (CAD) 1.0 |
| [MFGT B1ab](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=27) | Machine Tool Processes 3.0 |

**Industrial Drawing (Catalog page 103)**

• **AutoCAD (JSC)**

|  |  |
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| **Required Courses: 8 Units** | |
| [INDR B10](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=125) | Introduction to Industrial Drawing and Graphics 1.0 |
| [INDR B11](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=125) | Introduction to Computer Aided Drafting and Design (CAD) 1.0 |
| [INDR B20a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=125) | Computer Aided Drafting and Design (CAD) 3.0 |
| [INDR B20b](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=125) | Computer Aided Drafting and Design (CAD) 3.0 |

**Manufacturing/Machine Technology (page 107)**

• **Basic Machine Tool Operations-Lathe, Mill (JSC)**

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| --- | --- |
| **Required Courses: 3 units** | |
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| [MFGT B1a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=121)b | Machine Tool Processes 3.0 |

• **Computer Numerical Control Programming (JSC)**

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| **Required Courses: 6 units** | |
|  | |
| [MFGT B2](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=122) | CNC Lathe Programming and Operation 3.0 |
| [MFGT B3](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=122) | CNC Mill Programming 3.0 |

• **Manufacturing Technology (CA)**

|  |  |  |
| --- | --- | --- |
| **Required Courses: 30 units** | | |
|  | | |
| [MFGT B1a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=121)b | Machine Tool Processes 3.0 | |
| [MFGT B2](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=23) | CNC Lathe Programming and Operation 3.0 | |
| [MFGT B3](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=23) | CNC Mill Programming 3.0 | |
| [INDR B10](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=23) | Introduction to Industrial Drawing and Graphics 1.0 | |
| [INDR B11](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=23) | Introduction to Computer Aided Drafting and Design (CAD) 1.0 | |
|  |  | |
| [TECM B52](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=23) | Introduction to Technical Mathematics 3.0 | |
| or | | |
| [MATH B60](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=23) | Elementary Algebra 3.0 or equivalent | |
|  |  | |
| [INDT B10](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=23) | Occupational Readiness 3.0 or equivalent | |
| [WELD B1a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=26) | | Introduction Oxygen Acetylene Welding and Cutting 2.0 |
| WELD B1b | | Introduction to the Welding Processes 2.0 |
| [WELD B54a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=23) | | Blueprint Reading for Welders & Machinists 3.0 |
| **Electives: at least 7 units** | | |
|  | | |
| [INDR B20a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=23) | | Computer Aided Drafting & Design 3.0 |
| [INDT B273](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=23) | | Special Problems in Machine Tool Metal Working 2-3.0 |
| [INDR B40](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=23) | | Parametric Modeling Fundamentals 3.0 |
| [WELD B74a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=23) | | Introduction to GMAW (Gas Metal Arc Welding) and FCAW (Flux Core Arc Welding) 2.0 |
| [WELD B74b](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=23) | | Introduction to GTAW (Gas Tungsten Arc Welding) 2.0 |
| [WEXP B249](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=23) | | Cooperative Work Experience 1.0 |

**Welding (Catalog page 124)**

• **Blueprint Reading and Layout for Welders (JSC)**

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| --- | --- |
| **Required Courses: 6 units** | |
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| [WELD B54a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=191) | Blueprint Reading for Welders & Machinists 3.0 |
| [WELD B54b](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=191) | Template Development and Layout for Welder 3.0 |

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

|  |  |
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| **Required Courses: 7.5 or 12.0 units** | |
|  | |
| [WELD B1a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=192) | Introduction to Oxygen Acetylene Welding and Cutting 2.0 |
| [WELD B1b](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=192) | Introduction to the Welding Processes 2.0 |
| [WELD B53a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=192) | Shielded Metal Arc Welding 2.0 |
| [WELD B53](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=192)b | Shielded Metal Arc Welding 2.0 |
| [WELD B74a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=192) | Introduction to GMAW and FCAW 2.0 |

• **Shielded Metal Arc Welding (JSC)**

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| --- | --- |
| **Required Courses: 14.0 units** | |
|  | |
| [WELD B1a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=193) | Introduction to Oxygen Acetylene Welding and Cutting 2.0 |
| [WELD B1b](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=193) | Introduction to the Welding Processes 2.0 |
| [WELD B53a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=192) | Shielded Metal Arc Welding 2.0 |
| [WELD B53](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=192)b | Shielded Metal Arc Welding 2.0 |
| [WELD B54a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=193) | Blueprint Reading for Welders & Machinists 3.0 |
| [WELD B54b](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=193) | Template Development and Layout for the Welder 3.0 |

• **Welding (CA)**

|  |  |
| --- | --- |
| **Required Courses: 30.0 units** | |
|  | |
| [WELD B1a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=40) | Introduction to Oxygen Acetylene and Cutting 2.0 |
| [WELD B1b](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=40) | Introduction to the Welding Processes 2.0 |
| [WELD B53a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=192) | Shielded Metal Arc Welding 2.0 |
| [WELD B53](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=192)b | Shielded Metal Arc Welding 2.0 |
| [WELD B55a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=40) | Structural Plate Certification 2.0 |
| [WELD B53](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=192)b | Structural Plate Certification 2.0 |
| [WELD B55c](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=40) | ASME Pipe Certification 4.0 |
| [WELD B5](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=192)5d | ASME Pipe Certification 4.0 |
| [WELD B65ab](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=40) | Welded Steel Structures 3.0 |
| [WELD B74a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=40) | Introduction to GMAW & FCAW 2.0 |
| [WELD B74b](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=40) | Introduction to GTAW 2.0 |
| [MFGT B1ab](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=40) | Machine Tool Processes 3.0 |
| [WELD B54a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=40) | Blueprint Reading for Welders & Machinists 3.0 |
| [INDT B10](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=40) | Occupational Readiness 3.0 (or equivalent) |

**Woodworking/Cabinetmaking (Catalog page 126)**

• **Woodworking/Cabinetmaking (JSC)**

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| --- | --- | --- |
| **Select 6 units from the following courses:** | | |
| [WOOD B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=194) | Introduction to Woodworking Technologies 3.0 |
| [WOOD B2](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=194) | Furniture and Cabinetmaking 3.0 |
| [WOOD B5](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=194) | Intermediate Cabinet Making 3.0 |

• **Cabinetmaking (CA)**

|  |  |
| --- | --- |
| **Required Courses: 33 units** | |
|  | |
| [WOOD B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=25) | Introduction to Woodworking Technologies 3.0 |
| [WOOD B2](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=25) | Furniture and Cabinetmaking 3.0 |
| [CNST B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=25) | Introduction to Construction 3.0 |
| [WOOD B5](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=25) | Intermediate Cabinetmaking 3.0 |
| [WOOD B65a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=25) | Advanced Cabinetmaking 3.0 |
| [WOOD B65b](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=25) | Advanced Cabinetmaking 3.0 |
| [ENGL](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=25) | Approved Course 4.0 |
| [MATH B50](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=25) | Modern College Arithmetic & Pre-Algebra 4.0 (or Math Placement Assessment Level 2 or above) |
| [INDR B10](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=25) | Introduction to Industrial Drawing and Graphics 1.0 |
| [INDT B10](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=25) | Occupational Readiness 3.0 |
|  | |
| **Electives: to equal at least 33 units** | |
|  | |
| [INDT B274](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=25) | Special Problems in Woodworking 2.0 |
| [INDR B11](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=25) | Introduction to Computer Aided Drafting and Design (CAD) 1.0 |
| [INDR B20a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=25) | Computer Aided Drafting and Design (CAD) 3.0 |
| [FORE B2](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=25) | Natural Resources 3.0 |
| [ENGL B50](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=25) | Introduction to College Composition 4.0 |

**Health Services**

**Health Services**

**Emergency Medical Technician (Catalog page 91)**

• **Emergency Medical Technician (JSC)**

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| --- | --- |
| **Required Course** | |
| [EMTC B50](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=173) | Emergency Medical Technician I 7.5 |

**Nursing (Catalog page 110)**

• **Nurse Assistant (JSC)**

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| **Required courses: 6.0 units** | |
| [MEDS B69](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=158) | Nurse Assistant 6.0 |

• **Vocational Nursing (CA)**

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| **The following courses are taken after the student enters the Vocational Nursing program.** | |
| **First Semester** | |
| [VNRS B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=19) | Nursing Fundamentals 3.0 |
| [VNRS B1LV](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=19) | Medical-Surgical Nursing I - Laboratory 6.0 |
| [VNRS B1g](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=19) | Gerontological Nursing 1.0 |
| [VNRS B31ab](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=19) | Basic Pharmacology 2.0 |
| [VNRS B75](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=19) | Medical Surgical Nursing I 3.5 |
|  | |
| **Second Semester** | |
| [VNRS B85](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=19) | Medical Surgical Nursing II 2.5 |
| [VNRS B85LV](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=19) | Medical-Surgical Nursing II-Clinical Lab 1.5 |
| [VNRS B86](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=19) | Medical Surgical Nursing III 4.0 |
| [VNRS B86LV](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=19) | Medical Surgical Nursing III - Laboratory 3.0 |
| [VNURS B6](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=19) | Pediatric Nursing 1.5 |
| [VNRS B97LV](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=19) | Pediatrics - Clinical Laboratory 1.5 |
| [VNRS B50a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=19) | Advanced Pharmacology 0.5 |
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| **Third Semester** | |
| [VNRS B95](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=19) | Medical Surgical Nursing IV 4.0 |
| [VNRS B95LV](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=19) | Medical Surgical Nursing IV - Laboratory 2.5 |
| [VNRS B96](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=19) | Medical Surgical Nursing V 2.0 |
| [VNRS B96LV](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=19) | Medical Surgical Nursing V 2.0 |
| [VNRS B7](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=19) | Parent/Newborn Nursing 1.5 |
| [VNRS B87LV](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=19) | Parent/Newborn Nursing- Clinical Laboratory 1.5 |
| [VNRS B50b](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=19) | Advanced Pharmacology - Part B 0.5 |

**Public and Human ServicesPublic & Human Services**

**Child Development (Catalog page 80)**

• **Child Development Assistant Teacher (JSC)**

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| **Required Course: 6 units** | |
| [CHDV B36](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=175) | Developmentally Appropriate Curriculum 3.0 |
| [CHDV B20](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=175) | Principles and Practices 3.0 |

• **Child Development Associate Teacher (JSC)**

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| --- | --- |
| **Required courses: 12 units** | |
|  | |
| [CHDV B20](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=177) | Principles and Practices 3.0 |
| [CHDV B36](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=177) | Development Appropriate Curriculum 3.0 |
| [CHDV B42](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=177) | Child, Family and Community 3.0 |
| [CHDV B49](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=177) | Child Health, Safety and Nutrition 3.0 |

• **Child Development Teacher (CA)**

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| **Required courses: 28 units** | |
|  | |
| [CHDV B36](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=190) | Developmentally Appropriate Curriculum 3.0 |
| [CHDV B42](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=190) | Child, Family and Community 3.0 |
| [CHDV B49](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=190) | Child Health, Safety and Nutrition 3.0 |
| [CHDV B21](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=190) | Child Growth & Development: Birth Through Adolescence 3.0 |
| [CHDV B22](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=190) | Observation & Assessment-Birth through Adolescence 3.0 |
| [CHDV B40](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=190) | Creative Art, Movement, & Music Activities For Young Children 3.0 |
| [CHDV B32](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=190) | Teaching in a Diverse Society 3.0 |
| [CHDV B20](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=190) | Principles and Practices 3.0 |
| [CHDV B41](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=190) | Supervised Field Experience in Early Childhood Education 3.0 |

• **Child Development Master Teacher: Infant Toddler (CA)**

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| **Requirement Courses: 33 units** | |
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| **Completion of the Child Development Teacher Certificate of Achievement (27 units) and:** | |
|  | |
| [CHDV B13c](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=183) | Child Growth and Development: The Infant Toddler Years 3.0 |
| [CHDV B53a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=183) | Early Childhood Education: Adult Supervision 2.0 |

• **Child Development Master Teacher: Special Education (CA)**

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| --- | --- |
| **Required Courses: 35 units** | |
| **Completion of the Child Development Teacher Certificate of Achievement (27 units) and:** | |
| [CHDV B53a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=186) | Early Childhood Education: Adult Supervision 2.0 |
| [CHDV B33](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=186) | Survey of Special Education 3.0 |
| [CHDV B52](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=186) | Care of Infants and Toddlers with Disabilities 3.0 |

**Fire Technology (Catalog page 94)**

• **Fire Technology (CA)**

|  |  |
| --- | --- |
| **Required Courses: 32 units** | |
|  | |
| [FIRE B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=112) | Fire Protection Organization 3.0 |
| [FIRE B2](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=112) | Personal Fire Safety & Emergency Action 3.0 |
| or | |
| [FIRE B7](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=112) | Building Construction for Fire Protection |
| [FIRE B3](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=112) | Fire Command, Strategy, Tactics 3.0 |
| or | |
| [FIRE B51b](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=112) | Fire Command 1A 2.0 |
| [FIRE B4](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=112) | Fire Behavior and Combustion 3.0 |
| [FIRE B5](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=112) | Fire Prevention Technology 3.0 |
| or | |
| [FIRE B51d](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=112) | Fire Prevention 1A 2.0 |
| and | |
| [FIRE B51e](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=112) | Fire Prevention 1B 2.0 |
| [FIRE B6](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=112) | Fire Protection Equipment & Systems 3.0 |
| [FIRE B72h](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=112) | Emergency Medical Technician I - Non-Ambulance 5.0 |

**Foods/Nutrition (Catalog page 98)**

• **Child Nutrition Management Program (CA)**

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| **Required Courses: 24 units** | |
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| [FDSV B50](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=88) | Introduction to the Foodservice Industry 2.0 |
| [FDSV B52](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=88) | Foodservice Sanitation and Safety 2.0 |
| or | |
| [FDSV B55a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=88) | Foodservice Production Theory I 2.5 |
| and | |
| [FDSV B55c](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=88) | Foodservice Production Laboratory I 2.0 |
| and | |
| [NUTR B10](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=88) | Elementary Nutrition 3.0 |
| [WEXP B248ab](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=88) | Cooperative Work Experience Education 2.0 |
| or | |
| [WEXP B249ab](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=88) | Cooperative Work Experience Education |
| [ENGL](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=88) | English Course 3.0-4.0 |
| [COMS](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=88) | Computer Studies Course 1.0-3.0 |
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| **Electives: to equal 24 units** | |
|  | |
| [FDSV B55a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=88) | Foodservice Production Theory I 2.5 |
| [FDSV B55b](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=88) | Foodservice Production Theory II 2.5 |
| [FDSV B55c](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=88) | Foodservice Production Laboratory I 2.0 |
| [FDSV B55d](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=88) | Foodservice Production Laboratory II 2.0 |
| [FDSV B59](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=88) | Foodservice Production Management 3.0 |
| [FDSV B71](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=88) | ServSafe Certification 0.5 |

• **Culinary Arts (CA)**

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| **Required Courses: 24.5 units** | |
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| **Successful completion of the Servsafe exam and:** | |
| [FDSV B50](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=90) | Introduction to the Foodservice Industry 2.0 |
| [FDSV B51](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=90) | Food & Nutrition Orientation 0.5 |
| [FDSV B52](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=90) | Foodservice Sanitation and Safety 2.0 |
| [FDSV B55a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=90) | Foodservice Production Theory I 2.5 |
| [FDSV B55b](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=90) | Foodservice Production Theory II 2.5 |
| [FDSV B55c](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=90) | Foodservice Production Laboratory I 2.0 |
| [FDSV B55d](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=90) | Foodservice Production Laboratory II 2.0 |
| [FDSV B55f](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=90) | Fundamentals of Baking 2.0 |
| [FDSV B55i](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=90) | Food and Nutrition Internship 1.0 |
| [FDSV B59](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=90) | Foodservice Production Management 3.0 |
| [NUTR B10](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=90) | Elementary Nutrition 3.0 |
| [WEXP B248](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=90) | Cooperative Work Experience Education 2.0 |

• **Dietetic Services Supervisor (CA)**

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| **Required Courses: 18.5 units** | |
| **Successful completion of the Servsafe exam and:** | |
| [FDSV B50](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=91) | Introduction to the Foodservice Industry 2.0 |
| [FDSV B52](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=91) | Foodservice Sanitation and Safety 2.0 |
| [FDSV B55a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=91) | Foodservice Production I 2.5 |
| [FDSV B55c](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=91) | Foodservice Production Laboratory 2.0 |
| [FDSV B59](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=91) | Foodservice Production Management 3.0 |
| [NUTR B10](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=91) | Elementary Nutrition 3.0 |
| [FDSV B64a](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=91) | Dietetic Service Supervisor Practicum 2.0 |
| [NUTR B50](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=91) | Modified Diets 2.0 |

**Human Services (Catalog page 102)**

• **Human Services (JSC)**

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| **Required Courses: 15 units** | |
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| [COMS B5](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=225) | Introduction to Microsoft Office 2010 3.0 |
| [ENGL B50](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=225) | Introduction to College Composition 4.0 |
| [HMSV B40](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=225) | Introduction to Human Services 3.0 |
| [HMSV B5](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=225) | Human Services Internship 2.0 |
| [SOCI B1](http://www.bakersfieldcollege.edu/academic/degrees/degree_detail.asp?id=225) | Introduction to Sociology 3.0 |

