

BAKERSFIELD COLLEGE  
**2014-2015**  
**CATALOG**  
**addendum**

**BAKERSFIELD**  
**COLLEGE**

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# IMPORTANT INFORMATION

## Bakersfield College Accreditation

Bakersfield College, approved by the Chancellor of the California Community Colleges, is accredited by the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges. The Western Association of Schools and Colleges is located at 10 Commercial Boulevard, Suite 204, Novato, California, and is an institutional accrediting body recognized by the Commission on Recognition of Postsecondary Accreditation and the U.S. Department of Education. It meets all standards of the California State Department of Education and is listed in the Education Directory, Higher Education, Part 3, published by the United States Office of Education. The University of California, the California State University System, and other colleges and universities give full credit for appropriate courses completed at Bakersfield College. Student complaints must be in writing and directed to the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges at: [www.accjc.org](http://www.accjc.org). Complaints may be made by contacting the ACCJC at 10 Commercial Boulevard, Suite 204, Novato, CA 94949 or at (415) 506-0234.

Bakersfield College is approved by the following:

- California Board of Registered Nursing
- California State Colleges and Universities
- California State Department of Education
- University of California

## Disclaimer

Bakersfield College reserves the right to modify its programs, tuition and fees, admission and graduation requirements, schedules, and other policies, procedures, and regulations stated in this catalog without notice. Addenda can be found at [www.bakersfieldcollege.edu](http://www.bakersfieldcollege.edu).

## Special Announcement

The below curriculum changes are current as of April 10, 2014. We anticipate the following Associate Degrees for Transfer to be offered by Fall 2014; please check the college website or with a Counselor or Educational Advisor to confirm:

- Associate in Arts in Economics for Transfer
- Associate in Arts in Elementary Teacher Education for Transfer
- Associate in Arts in English for Transfer
- Associate in Arts in History for Transfer
- Associate in Arts in Journalism for Transfer
- Associate in Arts in Kinesiology for Transfer
- Associate in Arts in Music for Transfer
- Associate in Arts in Political Science for Transfer
- Associate in Arts in Spanish for Transfer
- Associate in Arts in Theatre Arts for Transfer
- Associate in Science in Administration of Justice for Transfer
- Associate in Science in Business Administration for Transfer
- Associate in Science in Computer Science for Transfer
- Associate in Science in Early Childhood Education for Transfer
- Associate in Science in Mathematics for Transfer

Please present this printed catalog at the Print Shop on the lower level of the Student Services Building on the Panorama Campus to receive a free printed copy of the supplemental edition 2014-2015 Bakersfield College Catalog.

## Bakersfield College Academic Calendar

### Fall Semester 2014 (August 25-December 13)

August 23	<b>Instruction Begins</b>
September 1	Labor Day Holiday
September 5	Last Day for a Refund for Semester-Length Classes*
September 7	Last Day to Drop From a Semester-Length Class Without Receiving a W*
September 8	Last Day to Add a Semester-Length Class with Approved Add Form
October 31	Last Day to Withdraw From a Semester-Length Class and Receive a W*
November 1	Last Day to File for Graduation
November 11	Veterans' Day Holiday
November 12	Early Web Registration for 2015 Spring Semester Begins
November 26-27	Open Web Registration for 2015 Spring Semester
November 27-28	Thanksgiving Holidays
December 8-12	Final Exams
December 12	End of Fall Semester

### Spring Semester 2015 (January 20-May 16)

November 12	Early web registration begins
November 26-27	Open web registration begins
January 19	Martin Luther King, Jr. Day Holiday
January 21	<b>Instruction Begins</b>
January 30	Last Day for a Refund for Semester-Length Classes*
February 1	Last Day to Drop From a Semester-Length Class Without Receiving a W*
February 2	Last Day to Add a Semester-Length Class with Approved Add Form
February 13	Lincoln Day Holiday
February 16	Washington Day Holiday
March 27	Last Day to Withdraw From a Semester-Length Class and Receive a W*
April 1	Last Day to File for Graduation
March 30-April 4	Spring Recess
April 8	Early Web Registration for 2015 Summer Semester Begins
April 22-23	Open Web Registration for 2015 Summer Semester
May 15	Commencement
May 15	End of Spring Semester

*\*In courses other than semester length, the Office of Admissions and Records or the instructor should be consulted regarding drop, withdrawal, and refund deadlines.*

## Alternate Formats

If this material is needed in an alternate format for people with disabilities, please contact Disabled Student Programs & Services at (661) 395-4334.

# ABOUT BAKERSFIELD COLLEGE



## Bakersfield College Mission

Bakersfield College provides opportunities for students from diverse economic, cultural, and educational backgrounds to attain degrees and certificates, workplace skills, and preparation for transfer. Our rigorous and supportive learning environment fosters students' abilities to think critically, communicate effectively, and demonstrate competencies and skills in order to engage productively in their communities and the world.

## Bakersfield College Vision

Building upon more than 100 years of excellence, Bakersfield College continues to contribute to the intellectual, cultural, and economic vitality of the communities it serves.

## Bakersfield College Core Values

- **Learning:** We foster curiosity, inquiry, critical thinking, and creativity within a safe and rigorous academic environment so that we might be empowered to radically transform our community into one that gives voice and power to all people
- **Integrity:** We continue to develop and follow an ethical and moral consciousness which places the collective wellbeing and health above the self; this principled environment allows for open, constructive conversations and teaches us to trust each other's vision so that we will be useful and effective in providing support, resources, and encouragement.
- **Wellness:** We believe health and wellness to be integral and foundational elements, and we understand that a holistic education improves all aspects of the individual and the society including the mind, body, and spirit; through education, we will positively impact the health of the natural environment and the global community.
- **Diversity:** We insist that diversity be valued and promoted, recognizing that multiple perspectives lead to a better education and knowledge of the world; listening and witnessing different experiences helps us to understand and contextualize power and privilege related to gender, race,

class, religion, disability, and sexuality in terms of access and barriers to resources and opportunities.

- **Community:** We commit to the wellbeing of all members of our community; we maintain strong ties with the surrounding community, and we respond to their needs by serving as an open institution which engages all students, faculty, and staff; in our college, we have built and continue to build an environment in which all members participate as a community through democratic engagement.
- **Sustainability:** We recognize our responsibility for continuing and maintaining this institution which has been shaped by over 100 years of resolute and tenacious labor and judicious foresight, so we unceasingly place our energies into imagining how we might sustain and renew our fiscal, human, and environmental resources into the future.

# TRANSFER GUIDE



## Intersegmental General Education Transfer Curriculum (IGETC)

### About the IGETC Pattern

The Intersegmental General Education Transfer Curriculum (IGETC) is a general education pattern that will fulfill all lower division general education requirements at all California State University (CSU) campuses and most University of California (UC) campuses/majors. It is also accepted by some private/independent or out-of-state universities. IGETC is usually recommended for students who intend to transfer to a UC campus, or who are not yet sure of their intended transfer university. Completion of the IGETC pattern is not an admission requirement for transfer to most UC or CSU campuses, nor is it the only way to fulfill the lower division GE requirements of a UC or CSU campus prior to transfer.

It is strongly recommended that students consult with a counselor to determine which general education pattern is most appropriate for their individual educational goals.

### Rules for using the IGETC pattern

- Each course must have been IGETC approved at the time it was taken. See [www.assist.org](http://www.assist.org) for a list of certified courses and approval dates.
- Courses may be approved for more than one IGETC area. However, each course may be used to certify only one of the areas it is approved for.
- Students should apply for IGETC certification at the last community college attended prior to transfer. Forms are available under Admissions and Records, Other Forms or at Window 6 in the Office of Admissions and Records.
- AP credit and coursework completed at accredited U.S. colleges and universities may be used to fulfill some IGETC requirements. All such credit must be evaluated through Admissions and Records. Foreign coursework is not acceptable.
- All courses must be passed with a "C" or higher; "C-" is not acceptable.
- Students transferring to UC need not complete the Oral

Communication requirement (Area 1C).

- Students transferring to CSU need not complete the Languages Other than English requirement.
- Some UC campuses do not allow use of IGETC for students who were previously enrolled at a UC campus.
- Some community college courses have limitations on the amount of credit awarded by the receiving university. See a counselor, the course description in the college catalog, or [www.assist.org](http://www.assist.org) for more information.

IGETC is NOT recommended for the following transfer destinations

- UC San Diego Revelle and Eleanor Roosevelt Colleges
- UC Berkeley Colleges of Business, Chemistry, Environmental Design (Architecture), Engineering, Natural Resources, Optometry.
- UC Davis College of Engineering
- UC Irvine Schools of Engineering, Biological Sciences, Physical Sciences
- UC Riverside Colleges of Engineering, Natural and Agricultural Sciences
- UC Santa Barbara Colleges of Engineering, Creative Studies
- UC Los Angeles Schools of Engineering and Applied Science

### The IGETC Pattern

#### Area 1

English Communication: A minimum of nine units required; choose one from each group. Note: Students transferring to the University of California do not have to meet the oral communication requirement or the unit requirement of Area 1.

#### Group A

English Composition: one course, three semester/four to five quarter units.

ENGL B1a

#### Group B

Critical Thinking-English Composition: one course, three semester/four to five quarter units. Courses must have English Composition as a prerequisite. AP credit may not be used.

ENGL B2, B3; PHIL B9

*Group C*

Oral Communication: one course, three semester/four to five quarter units.

COMM B1, B2, B4, B8

## Area 2

Mathematical Concepts and Quantitative Reasoning: one course, three semester/4-5 quarter units.

MATH B1a, B1b, B2, B6a, B6b, B6c, B6d, B6e, B22, B23, PSYC B5

## Area 3

Arts and Humanities: At least three courses, nine semester/12-15 quarter units. At least one course from the arts and one from the humanities.

## A. Arts:

ART B1, B2, B4, B35, B36, B37

MUSC B2, B4a, B4b, B21a, B21b, B22, B23, B27

THEA B12a, B20, B31, B32

## B. Humanities:

ASL B2, B3

ENGL B1b, B5a, B5b, B10, B20A, B21, B24, B27, B28, B30a, B30b

HIST B1, B2, B4a, B4b, B15, B17a, B17b, B18, B20a, B20b, B25, B30a, B30b, B36

JAPN B2

MUSC B24

PHIL B6a, B10, B18, B32, B33, B37

SPAN B3, B4

## Area 4

Social and Behavioral Sciences: At least three courses, nine semester/12-15 quarter units. Courses from at least two disciplines or an interdisciplinary sequence.

ANTH B2, B3, B5

CHDV B21

COMM B6

ECON B1, B2

GEOG B2

HIST B1, B2, B4a, B4b, B15, B17a, B17b, B18, B20a, B20b, B25, B30a, B30b, B36

JRNL B1

POLS B1, B2, B3, B16

PSYC B1a, B6, B20, B33, B40

SOCI B1, B2, B20, B28, B36, B45

## Area 5

Physical and Biological Sciences: The IGETC physical and biological science area requires a minimum of two courses, one physical science and one biological science course and at least one of the two must include a laboratory, seven to nine semester/nine to twelve quarter units. Physical and biological science courses that include a laboratory component are listed below in C.

## A. Physical Sciences:

ASTR B1, B2, B3

CHEM B1a, B2a, B11, B18

ERSC B10

GEOG B1, B3

GEOL B10, B11

PHYS B2a, B4a

## B. Biological Sciences:

ANTH B1

BIOL B3a, B3b, B7, B11, B16, B20

B32, B33

CRPS B10

PSYC B1b

## C. Laboratory Science:

BIOL B3a, B3b, B7, B11, B16, B20, B32, B33

CHEM B1a, B2a, B11, B18

CRPS B10

ERSC B10L

GEOG B1L

GEOL B10L, B11L

PHYS B2a, B4a

## Area 6-Language Other than English

UC Requirement Only. In order to complete IGETC for the University of California system, students are required to demonstrate competence/proficiency in a language other than English equal to two years of high school study. Competence may be demonstrated through the following mechanisms:

1. Completion of two years of the same foreign language of high school level work with grades of "C" or better;
2. Completion of a course or courses at a college or university, with a grade of "C" or better in each course. Usually, one semester of college work in a language other than English is equivalent to two years of high school work;

Any one of the following course or courses completed with a grade of "C" or better will fulfill the requirement.

**6A: Languages Other Than English**

ASL B1

American Sign Language 1

ASL B2

American Sign Language 2

ASL B3

American Sign Language 3

ASL B4

American Sign Language 4

JAPN B1

Elementary Japanese

JAPN B2

Elementary Japanese

SPAN B1

Elementary Spanish I

SPAN B2

Elementary Spanish II

SPAN B3

Intermediate Spanish I

SPAN B4

Intermediate Spanish II

SPAN B35

Spanish for Heritage Speakers I

SPAN B36

Spanish for Heritage Speakers II

3. Achieve a satisfactory score on the SAT Subject test in languages other than English, as listed below. If the test was taken before May 1995, the first score is the minimum; if the test was taken after May 1995, the second score is the minimum:
  - Chinese With Listening: not offered before 1995/520
  - French/French With Listening:500/540
  - German/German With Listening:500/510
  - Hebrew (Modern):500/470
  - Italian:500/520
  - Japanese With Listening:500/510
  - Korean/Korean With Listening: not offered before 1995/500
  - Latin:500/530
  - Spanish/Spanish With Listening:500/520
4. Achieve a score of 3,4 or 5 on a College Board Advanced Placement (AP) Examination in a language other than English.
5. Achieve a score of 5 or higher on an International Baccalaureate (IB) Higher level Examination in a language other than English.
6. Complete, with grades of C or better, two years of formal schooling at the sixth-grade level or higher in an institution

where the language of instruction is not English. If secondary school was completed in a non-English-speaking country and the language of instruction of the secondary school was not English, language other than English proficiency can be certified for IGETC without further evaluation. The student must present appropriate documentation of attendance at the secondary school.

7. Earn a passing grade on the international A level or O level exam in a language other than English.
8. If appropriate achievement test is not available to assert proficiency, have competency verified by a faculty member associated with a California community college. Such verification requires that the college provide a document on letterhead asserting that the student's proficiency in the language is equivalent to two years of high school study. See a counselor for more information. Only students who have no other means to verify foreign language proficiency may pursue this option. Students must petition for faculty member verification through the Evaluations office.
9. A Defense language Institute language other than English course which is indicated as passed with a "C" or higher on the official transcript.
10. Completion of courses above proficiency level, with grades of C or better, may also be used to meet the requirement.

## California State University General Education Breadth (CSU GE)

### About the CSU GE Pattern

The California State University General Education-Breadth (CSU GE) pattern is one option that allows California community college transfer students to fulfill the lower-division general education requirements of any California State University (CSU) campus. The curriculum consists of a 39-unit pattern with five areas of concentration described in the CSU GE pattern.

For assistance in determining the most appropriate general education program, consult a counselor.

### Certification of CSU GE Requirements

Official notification from a California community college that a transfer student has completed courses fulfilling lower-division general education requirements occurs through a process of "certification." Certification is a legal agreement between the CSU and California Community Colleges.

It is the policy of Bakersfield College to provide certification of general education breadth requirements when such service is requested by the student or whenever a student requests that a transcript be sent to a CSU or UC if the student has completed all of 39 units for certification. Certification of general education courses is generally requested when the CSU GE pattern has been completed.

### Additional CSU GE Information and Restrictions

- Completion of the CSU GE pattern is not an admission requirement nor does completion guarantee admission to any CSU campus or program.
- Certification is based on approved courses listed in the Bakersfield College CSU GE pattern or from other regionally accredited institutions. Courses taken at other community colleges must fulfill the appropriate GE breadth area as defined by that college.
- Courses completed at a foreign college or university cannot be used to satisfy requirements for certification.
- Catalog rights do not apply to the CSU GE pattern
- Prior to certification, students must complete a minimum of 24 units in residence at Bakersfield College.

- Official transcripts from all colleges and universities attended must be on file before submitting an application for certification. The application is available in the Admission and Records office.
- The CSU GE pattern is accepted by some California private and independent colleges and universities in satisfying lower division general education requirements.
- For additional information, consult a counselor.

### The CSU GE Pattern

California State University General Education Breadth Course List

- A. English Language Communication and Critical Thinking: A minimum of nine semester units in both oral and written communication in the English language, and in critical thinking and reasoning. AP credit may not be used for A.3.
- A.1. Oral Communication: COMM B1, B2, B4, B8
  - A.2. Written Communication: ENGL B1a
  - A.3. Critical Thinking: PHIL B7, B9; ENGL B1b, B2, B3; COMM B5
- B. Scientific Inquiry and Quantitative Reasoning: A minimum of nine semester units including instruction in physical (B.1) and life science (B.2) and instruction in math/quantitative reasoning (B.4). One of the two science courses from B.1 or B.2 must include a lab. Courses with a lab are shown with an asterisk (\*) and separate lab courses are listed in B.3.
- B.1. Physical Universe:
    - ASTR B1, B2, B3
    - CHEM B1a\*, B2a\*, B11\*, B18\*, B30a, B30b
    - ERSC B10
    - GEOG B1, B3
    - GEOL B10, B11
    - PHYS B2a\*, B4a\*
    - PHSC B12\*
  - B.2. Life Science:
    - ANTH B1
    - BIOL B3a\*, B3b\*, B7\*, B11\*, B16\*, B18\*, B20\*, B32\*, B33\*
    - CRPS B10\*
    - PSYC B1b
  - B.3. Laboratory activity. At least one course shown with an asterisk (\*) in Areas B.1 or B.2 or one of the following:
    - ERSC B10L
    - GEOG B1L
    - GEOL B10L, B11L

Courses from B.1 and B.2 with an \* also satisfy the B.3 lab requirement.
  - B.4. Mathematics/Quantitative Reasoning:
    - MATH B1a, B1b, B2, B6a, B6b, B6c, B6d, B6e, B22, B23
    - PSYC B5
- C. Arts and Humanities: A minimum of nine semester units among the arts, literature, philosophy and foreign languages. Every attempt should be made to include western and non-western cultures. At least one course must be taken from arts and one from humanities.
- C.1. Arts (Art, Dance, Music, Theatre):
    - ART B1, B2, B4, B13, B35, B36, B37
    - MUSC B2, B4a, B4b, B21a, B21b, B22, B23, B24, B27
    - THEA B1, B2a, B2b, B12a, B20, B31, B32,
  - C.2. Humanities (Literature, Philosophy, Foreign Languages):
    - ASL B1, B2, B3
    - ENGL B1b, B5a, B5b, B10, B20a, B21, B24, B27, B28, B30a, B30b
    - HIST B1, B15, B18
    - JAPN B1, B2
    - PHIL B6a, B9, B10, B12, B18, B32, B33, B37
    - SPAN B1, B2, B3, B4, B35, B36

D. Social Sciences: A minimum of nine semester units dealing with human social, political, and economic institutions and behavior and their historical background. Fulfillment of this requirement must include courses taken in at least two disciplines. Every effort should be made to include western or non-western cultures. See notes below for information concerning additional requirements.

- D.1. Anthropology and Archaeology:  
ANTH B2, B3, B5
- D.2. Economics:  
AGBS B2  
ECON B1, B2
- D.3. Ethnic Studies:  
ANTH B5  
COMM B6  
HIST B20a, B20b, B30a, B30b, B33, B36  
SOC B28, B36, B45
- D.4. Gender Studies:  
HIST B25  
SOC B28
- D.5. Geography:  
GEOG B2
- D.6. History:  
HIST B1, B2, B4a, B4b, B15, B17a, B17b, B18, B20a, B20b, B25, B30a, B30b, B33, B36
- D.7. Interdisciplinary Social or Behavioral Science:  
AGRI B1  
CHDV B21, B42  
COMM B6, B7  
PSYC B40
- D.8. Political Science, Government, and Legal Institutions:  
JRNL B1  
POLS B1, B2, B3, B12, B16
- D.9. Psychology:  
PSYC B1a, B6, B20 (SOC B20), B33, B40
- D.10. Sociology and Criminology:  
CRIM B1, B5  
SOC B1, B2, B20 (PSYC B20), B28, B36, B45

E. Lifelong Learning and Self-Development: A minimum of three semester units in study designed to equip human beings for lifelong understanding and development of themselves as integrated physiological and psychological entities. A maximum of one unit of credit is allowed for physical education activity courses in this area.

- CHDV B21, B42
- FORE B2
- HLED B1
- MEDS B35
- NUTR B10
- PHIL B12
- PSYC B1a, B30, B33, B40
- SOC B28
- STDV B3, B6
- PHED B3adp, B10, B11, B12, B13, B14, B16, B17, B20, B22, B23, B24, B25, B26, B27, B28, B29, B32, B33.

#### CSU U.S. History, Constitution, and American Ideals Certification Courses

The California State University, before awarding a degree, requires students to complete courses or examinations that address:

1. The historical development of American institutions and ideals (Area US-1), and
2. The Constitution of the United States and the operation of representative democratic government under that Constitution (Area US-2), and

3. The process of California state and local government (Area US-3).

This requirement may be fulfilled at a California Community College prior to transfer by completing a combination of courses that satisfies all three areas of the requirement. The requirement may also be completed at a CSU campus after transfer. Courses approved in two US areas may be used to satisfy both areas.

Although this requirement is not part of the General Education requirements for CSU, all students must complete course work in U.S. History, Constitution and Government before graduation from a CSU campus. The courses may also be used to partially fulfill Area D of the CSU General Education Breadth requirements.

Completion of these courses at Bakersfield College is recommended and is not required for Certification.

Students who wish to meet these requirements at Bakersfield College prior to transferring to a CSU campus may take up to six semester units from the combinations below.

POLS B1 and one of the following: HIST B17a, B17b, B20a, B20b, B30a B30b, B36, or HIST B17a and POLS B1 or POLS B12 or HIST B18.

# PROGRAMS



## Transfer Degrees

### *Associate in Science in Administration of Justice for Transfer*

The Associate in Science in Administration of Justice for Transfer degree (AS-T in Administration of Justice) is intended to prepare students to transfer to CSU campuses that offer bachelor's degrees in Administration of Justice or Criminal Justice. Students who complete this degree will receive "priority admission with junior status to the California State University system". This degree requires students to complete 60 CSU transferable units including completion of CSU GE or IGETC and 18-20 units in the major with a cumulative GPA of 2.0 or better. Title 5 requires that students earn a grade of 'C' or better in all major coursework. A 'P' (Pass) grade is not acceptable for courses in the major. There are no additional graduation requirements. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

#### Required Core Courses

Course Number	Title	Units
CRIM B1	Introduction to Criminal Justice	3.0
CRIM B2	Criminal Law	3.0

List A (any two of the following courses)

Course Number	Title	Units
CRIM B3	Introduction to Evidence	3.0
CRIM B4	Constitutional Criminal Procedure	3.0
CRIM B5	Community Relations	3.0
CRIM B8	Criminal Investigation	3.0
CRIM B9	Juvenile Justice System	3.0
CRIM B12	Forensic and Scientific Aspects of Evidence	3.0
CRIM B21	Introduction to Correctional Administration	3.0

List B (any two of the following courses)

Course Number	Title	Units
PSYC B5	Elementary Statistics for the Behavioral and Social Sciences	5.0
PSYC B1A	General Psychology	3.0
SOCI B1	Introduction to Sociology	3.0

Total Required Units 18-20

### *Associate in Science in Business Administration for Transfer*

The Associate in Science in Business Administration for Transfer degree (AS-T in Business Administration) is designed to provide students a clear transfer pathway to the CSU business administration major and completion of the business administration baccalaureate degree, to grant guaranteed admission to a CSU to a similar major with junior standing, and the ability to complete their remaining requirements within 60 semester or 90 quarter units. The Associate of Science in Business Administration for Transfer degree provides a study of key business concepts. Business Administration majors will be able to analyze business scenarios and use numerical, graphical, symbolic, and verbal representations to effectively solve problems and communicate those solutions. Business Administration majors will be able to communicate economic effects, effectively convey financial information, and explain social, political, and ethical implications of business decision-making. The following is required for the completion of all AA-T or AS-T degrees:

1. The completion of 60 semester units that are eligible for transfer to the California State University, including both of

the following:

- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University – Breadth Requirements.
  - A minimum of 18 semester units in a major area of emphasis, as determined by the district.
2. The obtainment of a minimum grade point average of 2.0.
  3. The completion of all courses required for the major with a 'C' or better. A 'P' (Pass) grade is not acceptable for courses in the major.

#### Required Core Courses

Course Number	Title	Units
BSAD B1	Financial Accounting	4.0
BSAD B2	Managerial Accounting	3.0
BSAD B18	Business Law	3.0
ECON B1	Principles of Economics: Micro	3.0
ECON B2	Principles of Economics: Macro	3.0
MATH B22	Elementary Probability & Statistics	4.0

List A (any one of the following courses)

Course Number	Title	Units
MATH B2	Business Calculus	4.0
MATH B23	Finite Math	3.0

List B (any two of the following courses)

Course Number	Title	Units
COMP B2	Introduction to Computer Information Systems	3.0
COMP B5	Introduction to Microsoft Office	3.0
BSAD B20	Introduction to Business	3.0

Total Required Units 26-27

### *Associate in Science in Computer Science for Transfer*

The Associate in Science in Computer Science for Transfer degree (AS-T in Computer Science) is designed to provide students a clear transfer pathway to the CSU computer science major and completion of the computer science baccalaureate degree, to grant guaranteed admission to a CSU to a similar major, with junior standing, and the ability to complete their remaining requirements within 60 semester or 90 quarter units. Students will take courses in computer science and related fields that will provide the theoretical and practical knowledge necessary to work in a variety of computer related fields such as Software Engineering, Computer Engineering, Computer Systems Analysis, Network Engineering, Cloud Computing, Mobile Application Development, Computer Support, Computer Information Systems, Database Administration, Network Security, and Web Development.

The following is required for the completion of all AA-T or AS-T degrees:

1. The completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:
  - The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University – Breadth Requirements.
  - A minimum of 18 semester units in a major area of emphasis, as determined by the district.
2. The obtainment of a minimum grade point average of 2.0.
3. The completion of all courses required for the major with a 'C' or better. A 'P' (Pass) grade is not acceptable for courses in the major.

**Required Core Courses**

Course Number	Title	Units
COMP B11	Programming Concepts and Methodologies I	3.0
COMP B12	Programming Concepts II	3.0
COMP B13	Computer Architecture & Organization	3.0
COMP B14	Discrete Structures	3.0
MATH B6a	Analytic Geometry and Calculus I	4.0
MATH B6b	Analytic Geometry and Calculus II	4.0
PHYS B4a	Mechanics and Wave Motion	4.0
PHYS B4b	Heat, Electricity, Magnetism	4.0
Total required units in major area of emphasis		28

**Associate in Science in Early Childhood Education for Transfer**

The Associate in Science in Early Childhood Education for Transfer degree is designed to train students to work in a variety of early childhood settings. The two-year program primarily serves students desiring an early childhood background, supervised student teaching experience and fulfillment of academic requirements for a Child Development Teacher Permit. Upon completion of the following courses with at least a 'C' grade in each course, the student will be awarded a Child Development and Family Relations Associate in Science degree.

Early Childhood Education Careers (ECE): ECE Site Supervisor, ECE Assistant Teacher, ECE Associate Teacher, ECE Master Teacher, ECE Program Director, Licensed Day Care Provider, After School Coordinator, ECE Mental Health Case Manager, Family Service Advocate, Child Advocate, Social Worker/Child Protective Services, Elementary Education Credentialed Teacher, Marriage Family Counselor, School Psychologist, College Instructor, Doula, Lactation Consultant.

The following is required for the completion of all AA-T or AS-T degrees:

- The completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:
  - The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University – Breadth Requirements.
  - A minimum of 18 semester units in a major area of emphasis, as determined by the district.
- The obtainment of a minimum grade point average of 2.0.
- The completion of all courses required for the major with a 'C' or better. A 'P' (Pass) grade is not acceptable for courses in the major.

**Required Core Courses**

Course Number	Title	Units
CHDV B20	Principles and Practices	3.0
CHDV B21	Child Growth and Development: Birth Through Adolescence	3.0
CHDV B22	Observation and Assessment: Birth Through Adolescence	3.0
CHDV B32	Teaching in a Diverse Society	3.0
CHDV B36	Developmentally Appropriate Curriculum	3.0
CHDV B41	Supervised Field Experience in Early Childhood Education	3.0
CHDV B42	Child, Family, and Community	3.0
CHDV B49	Child Health, Safety, and Nutrition	3.0
Total Required Units		24

**Associate in Arts in Economics for Transfer**

The Associate in Arts in Economics for Transfer Degree is designed to prepare students for transfer into the CSU system to complete a baccalaureate degree in Economics or a similar major. It is designed for students interested in preparing for advanced degrees in Economics, Business, or Law, and for those students concerned with the economic behavior of consumers, businesses, and governments. Economics majors have a wide variety of career opportunities in business, law, journalism, education, politics, finance and banking, government, public and private overseas service, and labor leadership. Many economics majors go on to pursue graduate study in a related professional area, such as law, business, or public administration.

The following is required for the completion of all AA-T or AS-T degrees:

- The completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:
  - The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University – Breadth Requirements.
  - A minimum of 18 semester units in a major area of emphasis, as determined by the district.
- The obtainment of a minimum grade point average of 2.0.
- The completion of all courses required for the major with a 'C' or better. A 'P' (Pass) grade is not acceptable for courses in the major.

**Required Core Courses**

Course Number	Title	Units
ECON B2	Principles of Macroeconomics	3.0
ECON B1	Principles of Microeconomics	3.0
MATH B22	Elementary Probability and Statistics	4.0
MATH B2	Basic Functions and Calculus for Business	4.0
-or-		
MATH B6A	Analytic Geometry and Calculus I	4.0

List A (any one of the following courses)

Course Number	Title	Units
BASD B1	Financial Accounting	4.0
BASD B2	Managerial Accounting	3.0
COMP B2	Introduction to Computer Information Systems	3.0
MATH B23	Finite Mathematics	3.0
MATH B6B	Analytic and Calculus II	4.0

List B (any one of the following courses)

Course Number	Title	Units
MATH B6C	Calculus III	4.0
MATH B6E	Elementary Linear Algebra	3.0

Total required units: 20-22

**Associate in Arts in English for Transfer**

The Associate in Arts in English for Transfer degree is designed to prepare students for a seamless transfer into the CSU system to complete a baccalaureate degree in English or similar major. The Associate in Arts in English for Transfer degree provides a study of literature and expository writing. English majors will be able to analyze literary work and will be able to demonstrate an understanding of and an ability to describe ways in which literature reflects historical, intellectual, and cultural contexts, as well as aesthetic tastes; English majors will be able to evaluate literature

and expository and argumentative papers and essays through application of critical thinking techniques; and they will be able to write logical and coherent expository and argumentative papers, essays, summaries, and paraphrases using correctly the standard conventions of written English. Many employers value the writing and critical thinking skills acquired by English majors.

The following is required for the completion of all AA-T or AS-T degrees:

1. The completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:
  - The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University – Breadth Requirements.
  - A minimum of 18 semester units in a major area of emphasis, as determined by the district.
2. The obtainment of a minimum grade point average of 2.0.
3. The completion of all courses required for the major with a 'C' or better. A 'P' (Pass) grade is not acceptable for courses in the major.

**Required Core Courses**

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
ENGL B1B	Intro to Types of Literature	3.0
	-and-	
ENGL B2	Advanced Composition and Critical Thinking	4.0
	-or-	
ENGL B3	Argumentative Writing and Critical Thinking Through Literature	4.0

List A (any two of the following courses)

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
ENGL B5A	Survey of English Literature	3.0
ENGL B5B	Survey of English Literature	3.0
ENGL B20A	Survey of World Literature	3.0
ENGL B30A	Survey of American Literature	3.0
ENGL B30B	Survey of American Literature	3.0

List B (3 or 6 units based on option chosen in Required Core)

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
ENGL B10	Introduction to Shakespeare	3.0
	-and/or-	
ENGL B41A	Introduction to Creative Writing	3.0

List C (any two of the following courses)

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
ENGL B21	African-American Literature	3.0
ENGL B24	Latino/a Literature	3.0
ENGL B27	The Bible as Literature	3.0
ENGL B28	Classical Mythology	3.0
ENGL B41A	Introduction to Creative Writing	3.0

Total required units 19

**Associate in Arts in History for Transfer**

The Associate in Arts in History for Transfer Degree is designed to provide students a clear transfer pathway to the CSU history major and completion of the history baccalaureate degree, to grant guaranteed admission to a CSU to a similar major, with junior standing, and the ability to complete their remaining requirements within 60 semester or 90 quarter units. Historians analyze the events and processes of the past, both to gain more understanding of human nature, in any place and at any time, and to explain the

distinctive dynamics of particular societies, usually in regional and chronological contexts. Historical study is an important part of the liberal arts program and the development of critical thinking skills. Most careers in history require education beyond the associate degree and some require a graduate degree. The study of history can serve as preparation for graduate study in education, law, business, government and journalism. Many employers value the writing and critical thinking skills acquired by History majors. Successful completion of the Associate in Arts in History for Transfer Degree guarantees the student acceptance to a local California State University to pursue a baccalaureate degree.

The following is required for the completion of all AA-T or AS-T degrees:

1. The completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:
  - The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University – Breadth Requirements.
  - A minimum of 18 semester units in a major area of emphasis, as determined by the district.
2. The obtainment of a minimum grade point average of 2.0.
3. The completion of all courses required for the major with a 'C' or better. A 'P' (Pass) grade is not acceptable for courses in the major.

**Required Core Courses**

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
HIST B17A	History of the United States	3.0
HIST B17B	History of the United States since 1870	3.0

List A (any two of the following courses)

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
HIST B1	World History from the Origins of Civilizations to 1500	3.0
	-or-	
HIST B4A	European Civilization	3.0
	-and-	
HIST B2	History of World Since 1500	3.0
	-or-	
HIST B4B	European Civilization	3.0

List B (one course from each group)

**Group 1**

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
HIST B1	World History from the Origins of Civilizations to 1500	3.0
HIST B2	History of World Since 1500	3.0
HIST B20A	African American History of the United States	3.0
HIST B20B	African American History/U.S.	3.0
HIST B30A	Early Chicano History	3.0
HIST B30B	History of Chicanos in the Southwest	3.0
HIST B33	Latin American History	3.0

**Group 2**

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
ECON B2	Principles of Economics-Macro	3.0
HIST B18	History of California	3.0
POLS B1	American Government: National, State and Local	3.0

Total required units 18

**Associate in Arts in Journalism for Transfer**

The Associate in Arts in Journalism for Transfer degree is intended for those transfer-directed students who plan to complete an AA in Journalism because it guarantees admission to the CSU system (but not to a particular campus or major). In order to earn the Associate of Arts in Journalism for Transfer, students must complete 60 required semester units of CSU-transferable coursework which includes CSU General Education or IGETC requirements with a minimum GPA of 2.0. Students transferring to a CSU campus that does accept the Associate of Arts in Journalism for Transfer will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is designated "high-unit" major). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system.

Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements. This degree eliminates the additional Bakersfield College graduation requirements.

The following is required for the completion of all AA-T or AS-T degrees:

1. The completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:
  - The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University – Breadth Requirements.
  - A minimum of 18 semester units in a major area of emphasis, as determined by the district.
2. The obtainment of a minimum grade point average of 2.0.
3. The completion of all courses required for the major with a 'C' or better. A 'P' (Pass) grade is not acceptable for courses in the major.

**Required Core Courses**

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
JRNL B1*	Media and Society	3.0
JRNL B2	Beginning Reporting	3.0
JRNL B27a	Newspaper Production for Reporters	3.0

List A (any one of the following courses)

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
JRNL B15	Press Photography	3.0
JRNL B16	Multimedia Reporting	3.0
JRNL B26	Newspaper Production/Editors	4.0

List A (any two of the following courses)

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
ART B17	Black and White Photography	3.0
COMM B5*	Rhetoric & Argumentation	3.0
ECON B1*	Principles of Economics-Micro	3.0
ECON B2*	Principles of Economics-Macro	3.0
MATH B22	Introduction to Statistics	4.0
POLS B1*	American Government: National, State and Local	3.0
POLS B2*	Comparative Government	3.0

Total required units: 18-20

**Associate in Arts in Kinesiology for Transfer**

The Associate in Arts in Kinesiology for Transfer (AA-T) is intended for all students who plan to complete an Associate in Arts in Kinesiology. This degree is especially valuable for those students

planning on completing a bachelor's degree in Kinesiology at a CSU campus because the Associate in Arts in Kinesiology for Transfer guarantees admission to the CSU system (but not to a particular campus or major). In order to earn Associate in Arts in Kinesiology for Transfer, the students must complete 60 required semester units of CSU-transferable coursework which includes the CSU General Education Breadth or IGETC General Education requirements with a minimum GPA of 2.0. Students transferring to a CSU campus that does accept the Associate in Arts in Kinesiology for Transfer will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major). This degree may not be the best option for students intending to transfer to a particular CSU campus or to university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements. This degree eliminates the additional Bakersfield College graduation requirements.

The following is required for the completion of all AA-T or AS-T degrees:

1. The completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:
  - The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University – Breadth Requirements.
  - A minimum of 18 semester units in a major area of emphasis, as determined by the district.
2. The obtainment of a minimum grade point average of 2.0.
3. The completion of all courses required for the major with a 'C' or better. A 'P' (Pass) grade is not acceptable for courses in the major.

**Required Core Courses**

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
BIOL B32	Human Anatomy and Physiology I	4.0
BIOL B33	Human Anatomy and Physiology II	4.0
PHED B42	Introduction to Kinesiology	3.0
Movement Based Courses (any three of the following courses)		
<i>Course Number</i>	<i>Title</i>	<i>Units</i>
PHED B2SB	Aquatics: Beginning Swimming	1.0
PHED B3ADP	Adaptive Physical Education	1.0
PHED B6A	Coed Activity/Archery	1.0
PHED B6BB	Coed Team and Individual Activities: Basketball	1.0
PHED B6BLB	Coed Team and Individual Activities: Beginning Ballet	1.0
PHED B6fcx	Coed Team and Individual Activities: Fitness Center	1.0
PHED B6G	Coed Team and Individual Activities: Golf	1.0
PHED B6jd	Coed Team and Individual Activities: Jazz Dance	1.0
PHED B6SC	Coed Team and Individual Activities: Soccer	1.0
PHED B6T	Coed Team and Individual Activities: Tennis	1.0
PHED B6wt	Coed Team and Individual Activities: Weight Training	1.0
PHED B6v	Coed Team and Individual Activities: Volleyball	1.0
PHED B32	Shape Up	3.0

List A (any two of the following courses)		
<i>Course Number</i>	<i>Title</i>	<i>Units</i>
MATH B22	Elem Probability/Statistics	4.0
PSYC B5	Elementary Statistics for the Behavioral and Social Sciences	5.0
CHEM B11	Introduction to General, Organic, and Biochemistry	5.0
PHYS B2A	General Physics-Mechanics and Heat	4.0
PHED B36	First Aid and CPR	3.0

Total required units: 21-24

### ***Associate of Science in Mathematics for Transfer***

Associate of Science in Mathematics for Transfer is intended for all students who plan to complete an AS in Mathematics. This degree is especially valuable for those students planning on completing a bachelor's degree in Mathematics at a CSU campus because the Associate of Science in Mathematics for Transfer guarantees admission to the CSU system (but not to a particular campus or major).

The following is required for the completion of all AA-T or AS-T degrees:

- The completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:
  - The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University – Breadth Requirements.
  - A minimum of 18 semester units in a major area of emphasis, as determined by the district.
- The obtainment of a minimum grade point average of 2.0.
- The completion of all courses required for the major with a 'C' or better. A 'P' (Pass) grade is not acceptable for courses in the major.

### **Required Core Courses**

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
MATH B6A	Analytic Geometry/Calculus I	4.0
MATH B6B	Analytic Geometry/Calculus II	4.0
MATH B6C	Calculus III	4.0

List A

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
MATH B6D	Ordinary Differential Equations	3.0
MATH B6E	Elementary Linear Algebra	3.0

Total required units: 18

### ***Associate in Arts in Music Degree for Transfer***

Students who plan to major or minor in music should commit themselves to the highest possible level of proficiency in theory, piano, literature, group performance, and applied (individual) instruction in their performance area. Students should take the required courses in music and complete courses in general education for the transfer college of their choice. Elective courses will both enrich the student's background and balance weak areas of knowledge for later academic growth.

The following is required for the completion of all AA-T or AS-T degrees:

- The completion of 60 semester units that are eligible for transfer to the California State University, including both of

the following:

- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University – Breadth Requirements.
  - A minimum of 18 semester units in a major area of emphasis, as determined by the district.
- The obtainment of a minimum grade point average of 2.0.
  - The completion of all courses required for the major with a 'C' or better. A 'P' (Pass) grade is not acceptable for courses in the major.

### **Required Core Courses**

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
MUSC B2	Basic Elements of Music	3.0
MUSC B4A	Elementary Theory	3.0
MUSC B4B	Elementary Theory	3.0
MUSC B4C	Intermediate Theory-Contemporary Materials	3.0
MUSC B7	Applied Music (4 enrollments of 1 unit each)	4.0
MUSC B15A	Ear Training and Sight Singing	1.0
MUSC B15B	Ear Training and Sight Singing	1.0
MUSC B15C	Intermediate Ear Training and Sight Singing	1.0

Performance Ensemble

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
MUSC B10A	Concert Band (4 enrollments of 1 unit each)	4.0
MUSC B12A	College Orchestra (4 enrollments of 1 unit each)	4.0
MUSC B13A	Jazz Ensemble (4 enrollments of 1 unit each)	4.0
MUSC B14A	College Choir (4 enrollments of 1.5 units each)	6.0

Total required units: 23-25

### ***Associate in Arts in Political Science for Transfer***

The Associate in Arts in Political Science for Transfer degree is designed for students interested in gaining an understanding of the structure and functions in governments. This degree provides a foundation for further study for students planning to transfer into a baccalaureate program in political science. Successful completion of the Associate in Arts in Political Science for Transfer degree guarantees the student acceptance to a California State University (but not to a particular campus) to pursue a baccalaureate degree in Political Science. This degree may not be the best option for students intending to transfer to a particular CSU campus or a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university and transfer requirements. This degree eliminates the additional Bakersfield College graduation requirements.

The following is required for the completion of all AA-T or AS-T degrees:

- The completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:
  - The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University – Breadth Requirements.
  - A minimum of 18 semester units in a major area of emphasis, as determined by the district.
- The obtainment of a minimum grade point average of 2.0.
- The completion of all courses required for the major with a 'C' or better. A 'P' (Pass) grade is not acceptable for courses in the major.

**Required Core Courses**

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
POLS B1	American Government: National, State and Local	3.0

List A

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
POLS B2	Comparative Government	3.0
	-and-	
POLS B3	International Politics	3.0
	-and-	
MATH B22	Elem Probability/Statistics	4.0
	-or-	
PSYC B5	Elementary Statistics for the Behavioral and Social Sciences	5.0

List B (select two of the following courses)

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
POLS B12	Contemporary Issues in California State and Local Government	3.0
POLS B16	Vital Political Problems	3.0
HIST B4A	European Civilization	3.0
HIST B4B	European Civilization	3.0
HIST B17A	History of the United States	3.0
HIST B17B	History of the United States since 1870	3.0
HIST B18	History of California	3.0
ECON B2	Principles of Economics-Macro	3.0

Total required units: 19-20

**Associate in Arts in Spanish for Transfer**

The Associate in Arts in Spanish for Transfer degree provides a linguistic study of the language and an in-depth look into the culture of the Spanish-speaking world. The objective of the program is to provide students with opportunities to obtain an AA degree in Spanish, transfer to a four-year college, and achieve their academic goals. Graduates of this program will be better prepared for employment in both academic and non-academic fields, such as schools, corporations, business entities, and not-for-profits.

The following is required for the completion of all AA-T or AS-T degrees:

1. The completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:
  - The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University – Breadth Requirements.
  - A minimum of 18 semester units in a major area of emphasis, as determined by the district.
2. The obtainment of a minimum grade point average of 2.0.
3. The completion of all courses required for the major with a ‘C’ or better. A ‘P’ (Pass) grade is not acceptable for courses in the major.

Departmental placement evaluation determines the course level where individual students begin the core courses. Credit or placement equivalent to two years of college level Spanish is required. If a student places out of any course and is not awarded units for that course, the student will need additional coursework to reach at least 19 total units in the major. Due to differences in unit values, it may be necessary to substitute two 3 unit courses for each 4 unit required core course not taken.

**Required Core Courses**

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
SPAN B1	Elementary Spanish I	4.0
SPAN B2	Elementary Spanish II	4.0
SPAN B3	Intermediate Spanish I	4.0

	-or-	
SPAN B35	Spanish for Heritage Speakers I	4.0
SPAN B4	Intermediate Spanish II	4.0
	-or-	
SPAN B36	Spanish for the Heritage Speakers II	4.0

Substitution Courses

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
ART B37	Survey of Art – Latin America	3.0
	Any course(s) from List A not already used	3-9

List A (any one of the following courses)

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
ENGL B24	Latino/a Literature	3.0
HIST B30A	Early Chicano History	3.0
HIST B30B	History of Chicanos in the Southwest	3.0
HIST B33	Latin American History	3.0
SOCI B36	Sociology of the Chicano	3.0
SOCI B45	Minority Relations	3.0

Total required units: 19-21

**Associate in Arts in Theatre Arts for Transfer**

The Associate in Arts in Theatre Arts for Transfer Degree (AA-T in Theatre Arts) is designed to provide students a clear transfer pathway to CSU campuses that offer bachelor’s degrees in Theatre Arts. Ed Code Section 66746-66749 states that students earning the Associate in Arts in Theatre Arts for Transfer Degree (AA-T in Theatre Arts) will be granted priority for admission as a Theatre major to a local CSU, as determined by the CSU campus to which the student applies. This degree requires students to complete 60 CSU transferable units including completion of CSU or IGETC and 18 units in the major with a cumulative GPA of 2.0 or better. Title 5 requires that students earn a grade of “C” or better in all major coursework. This degree provides students with an understanding and an appreciation for the art of theatre and includes courses in acting, technical theatre, rehearsal and performance as well as an introduction to the theatre and play analysis. Completion of this curriculum will provide preparation for future theatre studies. The Associate in Arts in Theatre Arts for Transfer Degree (AA-T in Theatre Arts) requires 18 units of which 9 units are in required core courses. An additional 9 units are in restricted electives from the categories below as indicated.

The following is required for the completion of all AA-T or AS-T degrees:

1. The completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:
  - The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University – Breadth Requirements.
  - A minimum of 18 semester units in a major area of emphasis, as determined by the district.
2. The obtainment of a minimum grade point average of 2.0.
3. The completion of all courses required for the major with a ‘C’ or better. A ‘P’ (Pass) grade is not acceptable for courses in the major.

**Required Core Courses**

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
THEA B20	Introduction to Theatre	3.0
	-and-	
THEA B1	Introduction to Acting	3.0
	-and-	
THEA B27	Acting Theatre Laboratory	1-3
	-or-	
THEA B28	Technical Theatre Laboratory	1.0
List A (any three of the following courses)		
<i>Course Number</i>	<i>Title</i>	<i>Units</i>
THEA B2A	Elements of Acting	3.0
	-and-	
THEA B2B	Elements of Acting	3.0
	-or-	
THEA B14	Introduction to Stage Costume	3.0
	-or-	
THEA B16	Stagecraft	3.0
	-or-	
If not used in required core:		
THEA B27	Acting Theatre Laboratory	1-3
	-or-	
THEA B28	Technical Theatre Laboratory	1.0
Total required units:		18

**Radiologic Technology**

Radiologic Technology is a health care profession whose practitioners work in hospitals, imaging centers, and private physicians' offices. The radiologic technologist (radiographer) is a member of the health care team who works directly with the patient and the physician performing a wide variety of diagnostic x-ray procedures. The role of the graduate radiographer may be that of staff radiographer, special imaging radiographer, supervisor, administrator or educator, depending upon the level of education and experience obtained.

The Bakersfield College Associate in Science degree Radiologic Technology Program provides concurrent didactic and clinical education. The program is 24 months in length (excluding prerequisite coursework) and begins each year in June. Students should anticipate making a full time commitment to the program during the school year. Summer sessions are required and semester/ terms may be scheduled beyond the regular college session dates. The Program is primarily scheduled during the day; however an evening clinical rotation will be completed during the second year of the program. Clinical education sites include hospitals and imaging centers located in Bakersfield, California and Delano, California. Students may be assigned to any clinical education center in any geographical location and must provide their own transportation to these centers.

The program provides the theory, skill and experience necessary to apply for admission to the licensure exam administered by the American Registry of Radiologic Technologists; and for certification from the State of California, Department of Public Health, Radiologic Health Branch, as a Certified Radiologic Technologist. The student is also eligible to write the State Fluoroscopy Permit exam. Students must earn a minimum grade of 'C' in all radiography courses, have met the State mandated curriculum and clinical hours, met all clinical education competencies and earned the Associate in Science degree to be recommended for these examinations/certifications. For program information, brochure and enrollment application form, consult the following website at [www2.bakersfieldcollege.edu/alliedhealth/](http://www2.bakersfieldcollege.edu/alliedhealth/)

*Radiologic Technology Program Mission, Goals and Outcomes*  
The mission of the Bakersfield College Radiologic Technology Program is to promote student success by providing quality instruction for graduates to competently practice radiography at the entry level. The Program learning goals and outcomes are:

- (Goals 1-5; Learning Outcomes a,b,c, etc.)
4. Students will be clinically competent.
    - a) Students will apply positioning skills.
    - b) Students will select exposure factors.
    - c) Students will utilize radiation protection
    - d) Students will demonstrate and employ knowledge of equipment operation.
  5. Students will develop critical thinking skills.
    - a) Students will demonstrate the ability to formulate technical factors.
    - b) Students will adapt standard procedures for non-routine patients.
    - c) Students will demonstrate independent judgment.
    - d) Students will critique images to determine diagnostic quality.
  6. Students will communicate effectively.
    - a) Students will demonstrate effective communication
    - b) Students will use correct pronunciation
  7. Students will model professionalism.
    - a) Students will demonstrate knowledge of professional imaging organizations.
    - b) Students will summarize the value of life-long learning
    - c) Students will demonstrate work ethics.
  8. The Program will graduate entry-level radiographers.
    - a) Program graduates will pass the ARRT exam on the 1st attempt.
    - b) Graduates seeking employment will obtain employment within 6 months of graduation.
    - c) Students will successfully complete each course.
    - d) Students will successfully complete the program.
    - e) Graduates will be satisfied with their education
    - f) Employers will be satisfied with graduate performance

*Radiologic Technology Program Prerequisite Requirements*  
All prerequisite coursework must be completed prior to applying for the Radiologic Technology Program. Students are strongly encouraged to complete prerequisite courses prior to enrolling in general education courses. This will improve a student's opportunity to apply for program enrollment. The following prerequisite courses must be completed with a C grade or higher.

1. BIOL B18 (Essentials of Anatomy and Physiology)
  - or-
  - BIOL B32 (Human Anatomy and Physiology I )
  - and-
  - BIOL B33 (Human Anatomy and Physiology II)

-or-

equivalent course(s) at another accredited college.

*Note: BIOL B14 (Human Anatomy) and BIOL B15 (Human Physiology) were previously taught at Bakersfield College and they meet this requirement.*

2. MATH BD/B70 (Intermediate Algebra-5 units) at Bakersfield College or equivalent course at another accredited college. A higher level college math course will be accepted in lieu of this algebra requirement.

3. MEDS B60 (Medical Terminology - 3 units) at Bakersfield College or equivalent course at another accredited college.

4. ENGL B1a (Expository Composition - 3 units); or an equivalent course at another accredited college. This prerequisite must be met by all new and Wait List applicants effective February 2013.

5. Minimum cumulative grade point average of 2.7 with MATH BD or MATH B70 passed on the first attempt; OR Minimum cumulative grade point average of 2.9 with MATH BD or MATH B70 passed on the second attempt. *Note: All course attempts including grades of "D", "F" and withdrawals (W) are included in the review of the course attempts. Students with more than two math attempts are not initially eligible for the program. In addition, for students who use a higher level math course in lieu of Intermediate Algebra these same requirements for minimum cumulative grade point average and course attempts apply in order to meet program prerequisites.*

**Remediation Plan:**

Students who do not initially meet the eligibility requirement for passing the MATH BD/MATH B70 prerequisite within two attempts must complete all of the following remediation requirements to be considered eligible to apply for the Radiologic Technology Program.

- Completion of ACDV B70a-B70f- Study Skills courses with a "CR" grade
- Completion of MATHB22 Elementary Probability and Statistics with a minimum grade of "C" on the first course attempt
- Successful completion of the Remediation Program must be completed within 1 year of initial application to the program.

Students who do not meet the grade point average (GPA) eligibility requirement of either 2.7 or 2.9 are advised to research and complete, if applicable, an Academic Renewal request through the Bakersfield College established process identified in the college catalog for a recalculation of their GPA.

Documentation of completion of the remediation plan must be submitted to the Program at the time of application.

Documentation is made through college transcripts.

6. Graduation from high school or an equivalent education.

*Enrollment Procedures and Application Filing Period*

Application forms and all required documents must be received by the Radiologic Technology Program Office during the application month of February. Late applications will not be accepted.

*Application Procedures*

1. Complete required prerequisite courses (see above)
2. Obtain application form from the Allied Health Department located in Room 178 of the Math-Science Building on the

main campus; or by telephone at (661) 395-4284; or on the website at [www2.bakersfieldcollege.edu/alliedhealth/](http://www2.bakersfieldcollege.edu/alliedhealth/)

3. Arrange for an official copy of your high school transcript to be mailed directly to the: Radiologic Technology Program, Bakersfield College, 1801 Panorama Drive, Bakersfield, California 93305. A copy of High School Equivalency (GED) is required if your high school transcript does not identify graduation. Note: You may also hand deliver this transcript providing the transcript is official and sealed.

4. If you are a Bakersfield College student with no college courses other than Bakersfield College courses: Provide the Program with an unofficial Bakersfield transcript from the college web site or an unofficial transcript from the Admissions and Records Office.

5. If you have taken courses from any college other than Bakersfield College:

- Apply for admission to Bakersfield College either in person or online at [www.bakersfieldcollege.edu](http://www.bakersfieldcollege.edu), click on Admissions and Records and follow the directions under "Enrolling".
- Submit an official copy of your transcripts from your previous college to the Office of Admissions & Records and request an evaluation of your transcripts. This process requires the form "Request for Evaluation". You may obtain this form in the Office of Admissions & Records or on the Bakersfield College under Admissions & Records "Other Forms." Note: This process can take up to 12-16 weeks. Once your transcripts have been evaluated and posted to your Bakersfield College transcript, the student must either print a copy of the Bakersfield College transcript from the website or request one from the Office of Admissions and Records. This evaluation must be completed and then submitted to the Program prior to the end of the Program enrollment filing period during the month of February. It is the responsibility of the student to supply this information to the Program during the month of February prior to the end of the enrollment filing period.

6. Late application materials will not be considered for the current application period. Applicants are responsible for ensuring that their application is complete. The program is NOT responsible for late materials or incomplete applications. The application must be thoroughly completed and signed to be considered for eligibility.

7. Students on the Wait List must reapply annually during the enrollment month of February. This is required every year to keep the applicant's file current. If the student does NOT reapply, the student will be removed from the Wait List.

*General Education Requirements*

General education courses are required to graduate from the Bakersfield College Associate in Science degree Radiologic Technology program. It is suggested that these courses be completed prior to program enrollment. Refer to the Bakersfield College General Education and Graduation Requirements in this catalog for more specific information and requirements for the college (the list below does NOT identify all requirements). All students are encouraged to regularly check the college requirements for graduation to ensure that AS degree requirements will be met at the end of the radiography program.

1. Student Development: It is recommended that students complete this component as they begin college coursework.
2. Computer Studies (3 units) - COMP B2 or COMP B5 or equivalent is necessary to meet Radiologic Technology Program completion.
3. Behavioral Science - Psychology B1a recommended.

4. Arts, Literature, Philosophy and Foreign Language-Humanities - Philosophy B12 recommended.
5. Health Education - Students that successfully complete the Radiologic Technology Program are waived from the Health Education requirement for graduation.
6. Communication, Social Science, and Physical Education: Any course that meets the Associate in Science degree requirements and the general education pattern of the college.
7. An individual who has previously received an associate degree or higher must meet and earn the Associate in Science Degree requirements for the Radiologic Technology Program to meet eligibility requirements for certification and licensure.

#### *Health Requirements and Screenings*

1. A physical examination will be required after the students receive notification of enrollment into the program to demonstrate that a student meets the technical standards necessary to meet the objectives of the program. A copy of the Essential Technical Standards required for Radiologic Technologists may be obtained in the Allied Health Division Office located in the Math-Science building, room 178 or on the program website at [www2.bakersfieldcollege.edu/alliedhealth](http://www2.bakersfieldcollege.edu/alliedhealth).
2. As a condition of enrollment to the Radiologic Technology Program, all students are required to submit to and pass a designated drug and alcohol screen.
3. As a condition of enrollment in any Allied Health Program with a clinical component, students are required to submit to and pass a designated background check. Every student offered space in the program will be required to submit to a background screening as part of his or her clinical requirements for admission. Please note the following:
  - A history of felony conviction(s) or any bar, exclusion or other ineligibility for federal program participation could render a student ineligible for clinical placement, as determined by the clinical agencies.
  - If a student cannot obtain background clearance from the clinical agencies, it will not be possible to place the student in the clinical areas, which is a required component of the program.
  - In the event that a student cannot obtain a background clearance, the space will be forfeited.
  - Students who are found to be ineligible for clinical placement by the clinical agency after admission to the radiography program shall be subject to dismissal from the program, as they will be unable to complete mandatory clinical rotations.
4. Immunizations/health tests are needed for acceptance in a clinical education center and to protect the health and welfare of the student and community. Immunizations may include, but not be limited to, rubella, varicella, Hepatitis B, and Tuberculosis screening and the seasonal flu vaccine is also required.
5. The medical exams, drug/alcohol screens, background screen, immunizations and tests are performed at the expense of the student.
6. The student must possess a current Basic Life Support/CPR (cardiopulmonary resuscitation) card by the American Health Association (Healthcare Provider card). This card must be provided at the start of the program and be kept valid during the entire 24-month program.

#### *Program Supply Information*

Students will be required to purchase uniforms, textbooks and

selected equipment, provide transportation to off campus clinical education centers in Bakersfield, California and Delano, California and pay current college fees. Estimated costs for books, uniforms, fees and required equipment for the first year of the program are approximately \$1,200 to \$1,400. Subsequent semesters require enrollment fees, supplies, books and course syllabi (approximately \$1,200). Additional expenses for the last semester of enrollment also include the program pin and application fees for national and state licensure/registration examinations (approximately \$450).

#### *Licensure/Certification Eligibility*

The American Registry of Radiologic Technologists (ARRT) requires review of any conviction, misdemeanor or felony, or a sanction by the Program regarding an academic honor code, or review of suspension or dismissal by a radiography program and review of licensure suspension, denial or other disciplinary action by a regulatory authority or certification board other than the ARRT. This review may be conducted prior to or during the program. For more information contact the ARRT at: 1225 Northland Drive, Mendota Heights, MN 55120, (651) 687-0048, or [www.arrt.org](http://www.arrt.org). The State Department of Public Health, Radiologic Health Branch and the American Registry of Radiologic Technology requires possession of either a Social Security number or Tax payer ID number to apply for licensure and/or registration.

#### *Accreditation*

Bakersfield College is accredited by the Western Association of Schools and Colleges. The Radiologic Technology Program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT), 20 N. Wacker Drive, Suite 2850, Chicago, Illinois 60606-3182, (312) 704-5300 or [www.jrcert.org](http://www.jrcert.org). The program is also approved by the State of California, Department of Public Health, Radiologic Health Branch, P.O. Box 997414, MS-7610, Sacramento, CA , 95899-7414, (916) 327-5106 or [www.cdph.ca.gov/rhb](http://www.cdph.ca.gov/rhb)

#### *Career Opportunities in Radiologic Technology*

This degree is a Career and Technical Education program which prepares students for both State licensure and national certification in radiography which is necessary for employment in x-ray technology.

## **Radiologic Technology Associate in Science**

The following courses are taken after students have been enrolled in the Radiologic Technology Program.

#### *To Achieve the Associate in Science*

Upon completion of the following courses with at least a 'C' grade in each course, the student will be awarded a Radiologic Technology Associate in Science degree.

#### *To Transfer Coursework*

A total of 58.5 semester units in the major with a grade of 'C' or better while maintaining a minimum grade point average of at least 2.0 in all California State University transferable coursework.

#### *Program Learning Outcomes*

Upon successful completion, the student will:

- competently perform radiographic positioning.

**First Summer Semester**

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
RADT B1a	Introduction to Radiologic Technology	2.0
RADT B1b	Patient Care	2.0
RADT B4a	Introduction to Clinical Education	1.5

**First Fall Semester**

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
RADT B2a	Radiograph Anatomy and Positioning 1	3.0
RADT B3a	Radiographic Principles 1	3.0
RADT B4b	Clinical Education 1	4.0
RADT B12	Radiobiology/Radiation Protect	2.0

**First Spring Semester**

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
RADT B2B	Radiograph Anatomy and Positioning 2	3.0
RADT B3B	Radiographic Principles 2	3.0
RADT B6	Clinical Education 2	4.0
	General Education (if needed)	3.0

**Second Summer Semester**

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
RADT B7	Clinical Education 3	6.5

**Second Fall Semester**

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
RADT B2C	Radiograph Anatomy/Position 3	3.0
RADT B5	Radiation Physics	3.0
RADT B10	Clinical Education 4	6.5

**Second Spring Semester**

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
RADT B9A	Sectional Anatomy/Medical Imag	3.0
RADT B11	Radiographic Pathology	2.0
RADT B30	Principles of Venipuncture	1.0
RADT B13	Clinical Education 5	6.0

**Principles of Fluoroscopy**

**Job Skills Certificate**

This certificate provides fluoroscopy skills for students completing the Associate in Science Radiologic Technology program. The certificate is required as proof of completion to meet the regulations specified by the California Code of Regulations, Title 17: Public Health, Article 8: Additional School Requirements and Record Keeping, Section. 30437. The certificate is part of the Career and Technical Education program which prepares students for State licensure which is necessary for employment in the field of x-ray technology.

*To Achieve the Job Skills Certificate*

Upon completion of the following courses with at least a 'C' grade in each course, the student will be awarded a Principles of Fluoroscopy Job Skills Certificate.

*To Transfer Coursework*

A minimum of 25.5 semester units in the major with a grade of 'C' or better while maintaining a minimum grade point average of at least 2.0 in all California State University transferable coursework.

*Program Learning Outcomes*

Upon successful completion, the student will:

- employ appropriate radiation protection practices for

patients and themselves.

- competently perform radiographic positioning.

**Required Courses**

Completion of Radiologic Technology Program courses (some hours are contained within each of the following courses. These courses are state approved by the California Department of Public Health)

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
RADT B2a	Radiographic Anatomy & Positioning 1	3.0
RADT B2b	Radiographic Anatomy & Positioning 2	3.0
RADT B2c	Radiographic Anatomy & Positioning 3	3.0
RADT B3a	Radiographic Principles 1	3.0
RADT B3b	Radiographic Principles 2	3.0
RADT B4a	Introduction to Clinical Education	1.5
RADT B5	Radiation Physics	3.0
RADT B9a	Sectional Anatomy for Medical Imaging	3.0
RADT B9c	Principles of Angiography	1.0
RADT B12	Radiobiology and Radiation Protection	2.0

**Principles of Venipuncture**

**Job Skills Certificate**

The purpose of this certificate is for successful completion of the Principles of Venipuncture course taught at Bakersfield College. The venipuncture regulations and requirements are part of the Health and Safety Code of California, Section 106985. The certificate is necessary for job readiness and to indicate competency for the performance of venipunctures at the job site. The State of California code requires a certificate to indicate proficiency. The certificate is part of the Career and Technical Education program which prepares students for employment in medical imaging and permits individuals to administer contrast media for x-ray examinations as part of their job as a radiologic technologist.

*Program Learning Outcomes*

Upon successful completion, the student will:

- demonstrate competency by successfully performing venipuncture techniques on humans in the laboratory setting.

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
RADT B30	Principles of Venipuncture	1.0

*Note: The clinical components of all radiologic technology courses are graded on a Pass/No Pass basis only. Radiologic Technology students are exempt from the maximum of three Pass/No Pass units which may be taken in a semester and from the maximum of 12 Pass/No Pass units which may be applied toward the AS degree at Bakersfield College.*

**Spanish**

**Spanish Associate in Arts**

The major of Spanish provides a linguistic and grammatical study of the language and an in-depth look into the culture of Spanish-speaking peoples. The objective of the program is to prepare students for transfer to a four-year university. Employment opportunities are numerous, and include both academic and non-academic positions, including working for corporations, business entities, and not-for-profits. Numerous career pathways are open to students demonstrating a proficiency in spoken and written Spanish including, but not limited to, teaching, social service, and retail.

*To Achieve the Associate in Arts*

Upon completion of the following courses with at least a 'C' grade in

each course, the student will be awarded a Spanish Associate in Arts degree.

*To Transfer Coursework*

A minimum of 18 semester units in the major with a grade of 'C' or better while maintaining a minimum grade point average of at least 2.0 in all California State University transferable coursework.

*Program Learning Outcomes*

Upon successful completion, the student will:

- demonstrate the ability to use and recognize specific language elements in the use of a language.
- demonstrate an understanding of, and an ability to describe, the ways in which foreign languages reflect historical and cultural contexts.
- transmit a comprehensive knowledge of the cultural heritage being studied.

*Total Units: 16*

**Required Courses**

<i>Course Number</i>	<i>Title</i>	<i>Units</i>
SPAN B1 4.0	Elementary Spanish I	
SPAN B2 4.0	Elementary Spanish II	
SPAN B3 4.0	Intermediate Spanish I	
	<i>-or-</i>	
SPAN B35 4.0	Spanish for Heritage Speakers I	
SPAN B4 4.0	Intermediate Spanish II	
	<i>-or-</i>	
SPAN B36 4.0	Spanish for Heritage Speakers II	

# COURSES



## Academic Development Courses

### ACDV B61 Accelerated Reading

4 units

**Prerequisites:** Reading - two levels prior to transfer or ENSL B61

**Recommended:** ACDV B201A, ACDV B201B, and writing three levels prior to transfer

**Description:** This course is recommended for students who place at Reading Level 3 or 4 who need to improve academic vocabulary, reading comprehension, critical thinking, research skills, and reading flexibility with college level material. Students who successfully pass this course will have fulfilled the reading competency requirement for graduation.

**Hours:** 72 lecture

**CCS:** Pre-collegiate basic skills.

**Transferable:** Not transferable. Not degree applicable.

## Administration of Justice Courses

### ADMJ B40 Law and Democracy

3 units

**Recommended:** Reading - one level prior to transfer.

**Description:** An overview of practical aspects of civil, criminal, and constitutional law; development of skills in critical reading, writing, problem solving, and oral communication with an emphasis on preparation for success in legal education; preparation for civic engagement and community-based learning.

**Hours:** 54 lecture

**CCS:** Credit Course

**Transferable:** CSU and private colleges

## Art Courses

### ART B4 Two-Dimensional Design

3 units

**Recommended:** Reading - one level prior to transfer.

**Description:** Examines the principles and elements of two-dimensional design. Content includes: elements and principles of design, color theory, art terminology and analysis of form and content. Not open to students with credit in ART B3a, B3b, or ART B3ab.

**Hours:** 27 lecture, 81 laboratory

**CCS:** Credit Course

C-ID: ARTS 100

**Transferable:** UC, CSU and private colleges; IGETC 3.A; CSU GE C.1; BC GE C.1

### ART B6 Acrylic Painting I

3 units

**Prerequisites:** ART B2 with a grade of 'C' or better or equivalent.

**Recommended:** Reading - one level prior to transfer.

**Description:** Introduction to principles, elements, and practices of painting. Focus on exploration of painting materials, perceptual skills and color theory, paint mixing and technique, as well as creative responses to materials and subject matter.

Not open to students who have taken ART B4a, B4b or ART B4ab.

**Hours:** 27 lecture, 81 laboratory

**CCS:** Credit Course

**Transferable:** UC, CSU and private colleges

### ART B7 Acrylic Painting II

3 units

**Prerequisites:** ART B6 with a grade of 'C' or better.

**Description:** Continuation of ART B6. Students review and refine techniques using acrylic paint as an expressive medium. Emphasis is placed upon personal explorations. Not open to students who have taken ART B4c, B4d, or ART B4cd.

**Hours:** 27 lecture, 81 laboratory

**CCS:** Credit Course

**Transferable:** UC, CSU and private colleges

### ART B8 Figure Drawing I

3 units

**Prerequisites:** ART B2 with a grade of 'C' or better, or equivalent.

**Recommended:** Reading - one level prior to transfer.

**Description:** Introductory course in drawing from live models.

Emphasis is placed upon an understanding of the structure, anatomy, and expression of the human figure. Media may include pencil, ink, charcoal conte, pastels, and watercolor. Not open to students who have taken ART B2e, B2f or ART B2ef.

**Hours:** 27 lecture, 81 laboratory

**CCS:** Credit Course

**Transferable:** UC, CSU and private colleges

### ART B9 Figure Drawing II

3 units

**Prerequisites:** ART B8 with a grade of 'C' or better, or equivalent (ART B2ef with grades of 'C' or better).

**Recommended:** Reading - one level prior to transfer.

**Description:** Drawing course, using live models, is a review and refinement of drawing techniques and exercises that are introduced in ART B8. Emphasis is placed upon a more personal expression of the human figure. Media may include pencil, ink, charcoal, conte, pastels, and watercolor. Not open to students who have successfully completed ART B2g, B2h, or ART B2gh.

**Hours:** 27 lecture, 81 laboratory

**CCS:** Credit Course

**Transferable:** UC, CSU and private colleges

### ART B11 Ceramics II

3 units

**Prerequisites:** ART B10 with a grade of 'C' or better or ART B7a, B7b, or ART B7ab with grades of 'C' or better.

**Description:** Continuation of ART B10. Expanding the skills in forming techniques, wheel-throwing and slab construction; various glaze applications. Exploration of building and surface treatments including slip casting, site specific and installation work. Raku and other firing techniques are covered. Not open to students who have successfully completed ART B7c, B7d, or ART B7cd.

**Materials Fee:** \$15.00 covers cost of glazes and some clay, and students will receive finished ceramic artwork.

**Hours:** 27 lecture, 81 laboratory

**CCS:** Credit Course

**Transferable:** UC, CSU and private colleges

### ART B12 Ceramics III

3 units

**Prerequisites:** ART B11 or ART B7cd with a grade of 'C' or better, or ART B7c and ART B7d with grades of 'C' or better.

**Recommended:** Reading - one level prior to transfer.

**Description:** Designed for students interested in developing a personal style in their work. Advanced wheel-throwing and hand building techniques, glaze application and formulation. Includes theory and practical application of kiln operation, electric and gas fired, oxidation and reduction. Not open to students who have successfully completed ART B7e and B7f or ART B7ef.

**Materials Fee:** \$15.00 covers cost of glazes and some clay, and

students will receive finished ceramic artwork.

**Hours:** 27 lecture, 81 laboratory

**CCS:** Credit Course

**Transferable:** UC, CSU and private colleges

### **ART B13 Sculpture I**

*3 units*

**Prerequisites:** ART B5 (Three Dimensional Design).

**Recommended:** Reading - one level prior to transfer.

**Description:** Introduces sculptural concepts and investigates their translation into three-dimensional forms. Problems involving various technical means are explored. Students investigate the role of materials and techniques in the creative process. Not open to students who have successfully completed ART B11a and B11b, or ART B11ab.

**Hours:** 27 lecture, 81 laboratory

**CCS:** Credit Course

**Transferable:** UC, CSU and private colleges; CSU GE C.1

### **ART B14 Sculpture II**

*3 units*

**Prerequisites:** ART B16 with a grade of 'C' or better.

**Recommended:** Reading - one level prior to transfer.

**Description:** Advanced study in sculptural concepts and three-dimensional forms. Explores the expressive meaning of form and the expressive potential of materials. Not open to students who have successfully completed ART B11cd.

**Hours:** 27 lecture, 81 laboratory

**CCS:** Credit Course

**Transferable:** UC, CSU and private colleges

### **ART B17 Black and White Photography**

*3 units*

**Recommended:** Reading - one level prior to transfer.

**Description:** In this course students will study the basic principles of cameras, optics, light, film development, exposure, exposure meters, and enlarging. Photographic quality, exploration of the photographers environment, and personal expression is emphasized. A suitable 35mm film camera is required. Not open to students who have successfully completed ART B17ab, or ART B17a and B17b. Materials Fee: \$25.00

**Hours:** 27 lecture, 81 laboratory

**CCS:** Credit Course

**Transferable:** UC, CSU and private colleges; BC GE C.1

### **ART B35 Survey of Western Art I**

*3 units*

**Recommended:** Reading - one level prior to transfer. Writing - one level prior to transfer.

**Description:** Course is a historical survey of western architecture and visual arts beginning in the Paleolithic age (30,000 BC) and continuing through Proto-Renaissance (1400 CE).

**Hours:** 54 lecture

**CCS:** Credit Course

**Transferable:** UC, CSU and private colleges; IGETC 3.A; CSU GE C.1; BC GE C.1

### **ART B36 Survey of Western Art II**

*3 units*

**Recommended:** Reading - one level prior to transfer. Writing - one level prior to transfer.

**Description:** Course is a historical survey of the western architecture and visual arts from 1400 CE to the present day.

**Hours:** Credit Course

**CCS:** Liberal Arts/Science

**Transferable:** UC, CSU and private colleges; IGETC 3.A; CSU GE C.1; BC GE C.1

## **Fire Technology Courses**

### **FIRE B30 RT130 Wildland Skill Refresher**

*2 units*

**Description:** Annual fireline Safety Refresher Training is designed to provide up-to-date fireline safety information to anyone who will be working on the fireline. The RT130 class was developed to recognize hazards, mitigate risk, maintain safe practices, and reduce accidents and near misses on the fire ground.

**Hours:** 9 lecture, 81 laboratory

Repeat: unlimited, legally mandated training

**CCS:** Credit Course

**Transferable:** Not transferable. Not degree applicable.

## **Physical Education Courses**

### **PHED B1A Educational Planning for College Athletes (new course)**

*1 unit*

**Prerequisite:** Limitation on Enrollment, this class is designed for identified student athletes.

**Description:** Designed to assist student athletes in understanding college matriculation, educational plans, and collegiate transfer requirements. Satisfies the 0.5 unit educational planning requirement for graduation from Bakersfield College.

**Hours:** 18 lecture

**CCS:** Credit Course

Associate Degree Only. Not Transferable.

### **PHED B53 Intercollegiate Weight Training (new course)**

*.5 - 2 units*

**Prerequisite:** Limitation on Enrollment, only students who are identified as intercollegiate student athletes will be eligible to enroll. This course is designed for students who are participating in a competitive sport at Bakersfield College.

**Description:** Intercollegiate athletics course emphasizing weight training. Enrollment is limited to athletic team candidates and includes, sport specific aerobic and anaerobic weight training, appropriate technique, strength conditioning, speed development and explosive exercises. Students who repeat this course will improve strength, flexibility, and fitness through detailed instruction and practice.

**Hours:** 27 - 108

**CCS:** Credit Course

Not Degree Applicable. Not Transferable.

## **Spanish Courses**

### **SPAN B3 Intermediate Spanish I**

*4 units*

**Recommended:** Reading - one level prior to transfer.

**Prerequisite:** SPAN B2ab or SPAN B2 with a grade of 'C' or better (or Native Speaker or Equivalent).

**Description:** Intensive grammar review of the Spanish language, supplemented with reading selections of Spanish and Latin American authors with the purpose of nourishing an understanding of the Spanish culture.

**Note:** Not open to students who taken the equivalent course, SPAN B35.

**Hours:** 72 lecture

**CCS:** Credit Course

**Transferable:** UC, CSU and private colleges; IGETC 3.B; IGETC 6.A; CSU GE C.2; BC GE C.2

### **SPAN B35 Spanish for Heritage Speakers I**

*4 units*

Recommended: Heritage speaker or near heritage speaker abilities and skills.

**Description:** This course is designed for students whose native language is Spanish but need to improve their writing, grammar, vocabulary, and spelling skills. Strong emphasis will be placed on punctuation, accent rules, composition, grammar, vocabulary and reading. The course is taught entirely in Spanish.

**Note:** Not open to students who taken the equivalent course, SPAN B3.

**Hours:** 72 lecture

**CCS:** Credit Course

**Transferable:** UC, CSU and private colleges; IGETC 6.A; CSU GE C.2; BC GE C.2

### **SPAN B36 Spanish for Heritage Speakers II**

*4 units*

**Prerequisite:** SPAN B35 with a grade of 'C' or better.

**Description:** This course is a continuation of Spanish B35 and is designed for students whose native language is Spanish but need to improve their academic skills in the language. This course will focus on advanced grammar concepts, subjunctive tenses, sequence of tenses, extensive writing and reading. The writing and reading skills will be strengthened as well as vocabulary building. The course is taught entirely in Spanish.

**Note:** Not open to students who taken the equivalent course, SPAN B4, or who have taken SPAN B10.

**Hours:** 72 lecture

**CCS:** Credit Course

**Transferable:** UC, CSU and private colleges; IGETC 6.A; CSU GE C.2

## **Student Development Courses**

### **STDV B3 Career, Life, and Educational Planning**

*3 units*

**Description:** This course guides students through a decision-making process that will help them envision and plan for a future that is productive, achievable, and stimulating. The culmination of this process is the development of a career and educational plan that will create a pathway for students to reach their career and academic goals. Critical thinking skills will be utilized through a systematic approach to career development by examining values, interests, skills, life roles, personality types, personal self-management, decision-making and goal-setting throughout the life span. Satisfies the 0.5 unit educational planning requirement for graduation from Bakersfield College.

**Hours:** 54 lecture

**CCS:** Credit Course

**Transferable:** CSU and private colleges; CSU GE E

## **Vocational Nursing Courses**

### **VNRS B68 Basic Medical Surgical Nursing Practice**

*3 units*

Corequisites: VNRS B67 and VNRS B69 and VNRS B69L and appropriate standing in the Vocational Nursing Program.

**Description:** This Vocational Nursing theory course focuses on the application of the nursing process in common health/illness situations. Using the nursing process as a framework, emphasis

is placed on the role of the vocational nurse as a provider of care in assisting the adult and geriatric patient with chronic disorders affecting the GI, GU endocrine, integumentary systems. Topics in basic nutrition are also presented including an overview of basic nutrients, basic therapeutic diets, and patient education specific to chronic conditions. Basic mental health concepts are introduced. Concepts in this course are correlated with the clinical settings presented in Foundations for Vocational Nursing Practice Lab.

**Hours:** 54 lecture

**CCS:** Credit Course

**Transferable:** Associate Degree only. Not transferable.

## Bakersfield College

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