

First Read Curriculum Review

Programs 11/21/24

Meeting Date	Program Title	Program Description	Program Type (B, ADT, AA, AS, CA, JSC, NC)	Request Type	Units / Hours	Start Semester
11/21/2024	Forestry	<p>The Certificate of Achievement in Forestry is designed for students desiring to enter the workforce after completing one year of college. Many technician level careers are available in the forestry/natural resources/wildlife fields. Career opportunities include Forestry, natural resources, wildlife, parks and outdoor recreation, fisheries, rangeland and watershed technician positions.</p> <p>To Achieve the Certificate of Achievement: Upon completion of the following courses with at least a 'C' grade in each course, the student will be awarded a Forestry Certificate of Achievement.</p>	Certificate of Achievement	Deletion	18 hrs	Summer 2025
11/21/2024	Agriculture Education	<p>The agricultural education program is designed to prepare and equip students for careers as agricultural communication specialists or secondary agriculture teachers. The agricultural education program is recommended for students seeking a broad curriculum that covers all facets of agriculture. Various agricultural subjects will be covered to give students a broad-based knowledge of all facets of agricultural education.</p> <p>To Achieve the Associate of Science: Upon completion of graduation requirements and the required degree courses with at least a "C" or "P" (pass) grade in each course, the student will be eligible for an Associate of Science degree.</p>	Associate in Science	New	61	Summer 2025
11/21/2024	Data Science	<p>This certificate of achievement will prepare students for an entry level position in data science or data analytics. This program provides students with a foundational understanding of statistical analysis, data science concepts and techniques, and advanced processing and data forecasting using machine learning in Python.</p> <p>Upon completion of the required courses with at least a "C" or "P" (pass) grade in each course, the student will be eligible for a Job Skills Certificate.</p>	Certificate of Achievement	New	13	Summer 2025
11/21/2024	iOS App Development	<p>This certificate includes courses in basic programming methodology, as well as beginning and advanced software development for the iOS platform. Students will learn the basic components of iOS apps using Swift, as well as frameworks including SwiftUI and SwiftData. Advanced coursework will also include working with maps data and iOS device sensors. Students who complete this program will be able to develop their own iOS apps and submit them to the App Store, in addition to being prepared for software development jobs across a variety of industries where iOS apps are actively used.</p> <p>Upon completion of the required courses with at least a "C" or "P" grade in each course, the student will be eligible for a Job Skills Certificate.</p>	Certificate of Achievement	New	12	Summer 2025
11/21/2024	Recreation, Parks, and Tourism Management	<p>The Recreation, Parks, and Tourism Management Certificate of Achievement provides students with the knowledge and skills needed to perform at an entry-level position in private and public agencies, such as community parks, sports facilities, and recreation centers, and in various careers, including event planning, recreational program planning, sport and tournament planning, hospitality, therapeutic recreation, and tourism. Students will learn leadership skills, how to develop programs for diverse populations, and also be able to address health and safety concerns while administering these programs.</p> <p>Upon completion of the required courses with at least a "C" or "P" grade in each course, the student will be eligible for a Certificate of Achievement.</p>	Certificate of Achievement	New	19	Summer 2025

First Read Curriculum Review

Programs 11/21/24

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11/21/2024	Teaching with AI: Today and Tomorrow	<p>The Certificate of Completion in Teaching with AI: Today and Tomorrow (NC) prepares current and future teachers to effectively leverage the benefits of AI for student learning while minimizing the limitations today as well as in the future. This 18-hour certificate guides students through two courses. The first course supports current and future teachers in successfully leveraging the benefits of AI while mitigating the limitations. The second course supports current and future teachers as they develop skills to navigate the successful integration of a rapidly developing technology in the classroom.</p> <p>Upon completion of the required courses with a grade of “P” for passing, the student will be eligible for a Certificate of Completion.</p>	Certificate of Completion (NC)	New		Summer 2025
11/21/2024	Child and Adolescent Development	<p>The focus of this Child and Adolescent Development Transfer degree is to give students who may not be interested in a curricular or classroom focus an alternative option of study in the field of child development. The Associate in Arts for Transfer Degree in Child and Adolescent Development for Transfer degree is designed to prepare students with a strong academic foundation necessary for continuing studies at California State Universities (CSUs) in majors that may include Child and Adolescent Development, Psychology (some CSUs), Early Childhood Studies, Human Development, Elementary Subject Matter Teacher Preparation (some CSUs), Adolescent Development, Family Studies, Family and Consumer Sciences and Humanities.</p> <p>Students completing this interdisciplinary degree learn the process of change and growth that characterize Human Development from conception to adolescence, preparing them to pursue employment in the Human Services, Health and Education fields; including, but not limited to: Child and Adolescent care and education, special education, child and adolescent health and a variety of youth related social service careers.</p> <p>Students who complete the degree will be ensured preferential transfer to local CSU's. The degree requirements will fulfill the lower division major requirements at many CSUs. Students are advised, however, to meet with a counselor to assess the course requirements for specific CSUs and to validate which CSUs are considered local.</p> <p>Upon completion of the following requirements, the student will be eligible for an Associate Degree for Transfer:</p> <p>(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:</p> <p>a. California General Education Transfer Curriculum (CalGETC).</p> <p>b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.</p> <p>(2) Obtainment of a minimum grade point average of 2.0.</p> <p>(3) The completion of all courses required for the major with a “C” or better. A “P” (Pass) grade is acceptable for courses in the major.</p>	Associate in Arts for Transfer	Revision	60	Fall 2025

First Read Curriculum Review

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11/21/2024	Law, Public Policy, and Society	<p>The Law, Public Policy, and Society Associate in Arts for Transfer prepares students to transfer to CSU campuses that offer bachelor's degrees in Law, Public Policy, and Society. Ed Code Section 66746-66749 states students earning the Law, Public Policy, and Society AA-T degree will be granted priority for admission as a Law, Public Policy, and Society major to a local CSU, as determined by the CSU campus to which the student applies. The Law, Public Policy and Society ADT focuses on the development of communication skills, introduces students to the legal field, and prepares students for transfer to a CSU. In the program, students will learn to analyze social science and theories, evaluate diverse viewpoints related to the human experience, and produce evidence-based arguments. Students who choose to pursue an ADT In Law, Public Policy and Society will be prepared to go into a variety of majors such as Political Science, Communication Studies, Economics, Philosophy, and Social and Behavioral Sciences. This degree requires a total of 60 units.</p> <p>Upon completion of the following requirements, the student will be eligible for an Associate Degree for Transfer:</p> <p>(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:</p> <p>a. California General Education Transfer Curriculum (CalGETC).</p> <p>b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.</p> <p>(2) Obtainment of a minimum grade point average of 2.0.</p> <p>(3) The completion of all courses required for the major with a "C" or better. A "P" (Pass) grade is acceptable for courses in the major.</p>	Associate in Arts for Transfer	Revision	60	Fall 2025
11/21/2024	Music	<p>The Music AA-T degree program at Bakersfield College provides students with a strong foundation in music theory, musicianship, and solo and group performance in either Vocal Studies, Classical Instrumental Studies, or Jazz Studies. Music majors who successfully audition into the program acquire and develop musical skills through weekly individual instruction and frequent collaborative performance opportunities in the Applied Music recital class. Students also participate in ensemble performance classes including Choir, Orchestra, Band, Jazz Ensemble and Jazz Combos. The combination of academic rigor and practical experience prepares students to become well-rounded musicians, competitive transfer students, and successful music professionals. In addition to the required courses, music majors should choose 8 additional elective units related to their path of study. Recommended elective courses include MUSC B5A Piano I, MUSC B5B Piano II, MUSC B5C Piano III, MUSC B22 Music Appreciation, MUSC B23 Appreciation of Jazz, MUSC B8 Jazz Improvisation, and MUSC B30 Introduction to Music Technology.</p> <p>Upon completion of the following requirements, the student will be eligible for an Associate Degree for Transfer:</p> <p>(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:</p> <p>a. California General Education Transfer Curriculum (CalGETC).</p> <p>b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.</p> <p>(2) Obtainment of a minimum grade point average of 2.0.</p> <p>(3) The completion of all courses required for the major with a "C" or better. A "P" (Pass) grade is acceptable for courses in the major.</p>	Associate in Arts for Transfer	Revision	60	Fall 2025

First Read Curriculum Review

Programs 11/21/24

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11/21/2024	Engineering	<p>The Associate of Science in Engineering program provides the necessary foundation for a career in the various fields of engineering. People working in the field of engineering and related technical fields "bridge the gap" between scientific principles and the application of these principles to the needs of society. The field is quite diversified with exciting job opportunities for people with varied mathematical, scientific, and technical skills.</p> <p>The AS in Engineering includes core coursework for various engineering discipline, but additional coursework may be required for transfer as university programs may have specific requirements. Students should consult an academic counselor, educational advisor, and/or Assist.org to determine specific transfer requirements for specific university programs.</p> <p>Upon completion of graduation requirements and the required degree courses with at least a "C" or "P" grade in each course, the student will be eligible for an Associate of Science degree.</p>	Associate in Science	Revision	62-65	Summer 2025
11/21/2024	Occupational Safety and Risk Management Industrial Technology	<p>The Occupational Safety and Risk Management, Industrial Technology Associate in Science provides broad-based professional preparation in the field of occupational safety and risk management. Safety professionals strive to protect people, property, and the environment using hazard identification and risk control techniques, working to balance safety and compliance with production and profit. The curriculum uses scientific foundations and regulatory frameworks and includes courses in occupational safety, occupational health, risk management, and environmental health. The core courses, paired with technical and science courses, provides for a cohesive area of emphasis in Industrial Technology. Students are academically prepared to make contributions to society by anticipating, evaluating, and controlling occupational and environmental hazards and risks and are prepared for careers in construction, oil and gas, manufacturing, and general industry.</p> <p>Upon completion of graduation requirements and the required degree courses with at least a "C" or "P" grade in each course, the student will be eligible for an Associate of Science degree.</p>	Associate in Science	Revision	60 - 65	Summer 2025
11/21/2024	Occupational Safety and Risk Management, Business	<p>The Associate in Science in Occupational Safety and Risk Management, Business provides broad-based professional preparation in the field of occupational safety and risk management. Safety professionals strive to protect people, property, and the environment using hazard identification and risk control techniques, working to balance safety and compliance with production and profit. The curriculum uses scientific foundations and regulatory frameworks and includes courses in occupational safety, occupational health, risk management and environmental health. Additional courses, paired with the core courses provide for a cohesive area of emphasis in Business. Students are academically prepared to make contributions to society by anticipating, evaluating, and controlling occupational and environmental hazards and risks. Students are academically prepared to pursue careers in business, human resources, insurance, risk management, and in general industry.</p> <p>Upon completion of graduation requirements and the required degree courses with at least a "C" or "P" grade in each course, the student will be eligible for an Associate of Science degree.</p>	Associate in Science	Revision	60 - 64.5	Summer 2025

First Read Curriculum Review

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11/21/2024	Agriculture Animal Science	<p>The Associate in Science in Agriculture Animal Science for Transfer is designed to provide students a clear pathway to the CSU Animal Science major and completion of the Animal Science baccalaureate degree. The Animal Science major prepares students for occupations in those areas of agriculture involving the production, management, and marketing of livestock. Both the scientific and practical aspects of the production of horse, beef, sheep, swine, dairy cattle and companion animals are stressed in the courses.</p> <p>Upon completion of the following requirements, the student will be eligible for an Associate Degree for Transfer:</p> <p>(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:</p> <p>a. California General Education Transfer Curriculum (CalGETC).</p> <p>b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.</p> <p>(2) Obtainment of a minimum grade point average of 2.0.</p> <p>(3) The completion of all courses required for the major with a "C" or better. A "P" (Pass) grade is acceptable for courses in the major.</p>	Associate in Science for Transfer	Revision	60	Fall 2025
11/21/2024	Agriculture Business	<p>The Associate in Science in Agriculture Business for Transfer degree is designed to provide students a clear transfer pathway to the CSU agriculture business major and completion of the agriculture business 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.</p> <p>The Associate in Science in Agriculture Business for Transfer degree provides a study of key Agribusiness concepts. Careers in agriculture such as farm management, accounting, marketing of agricultural products, sales, and services require training in business courses such as accounting, computers and salesmanship. Agriculture Business majors will be able to apply the concepts, principles, and terminology of business (economics, management, finance, marketing, and others) to real-world issues and opportunities in the agricultural and life sciences industries.</p> <p>Upon completion of the following requirements, the student will be eligible for an Associate Degree for Transfer:</p> <p>(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:</p> <p>a. California General Education Transfer Curriculum (CalGETC).</p> <p>b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.</p> <p>(2) Obtainment of a minimum grade point average of 2.0.</p> <p>(3) The completion of all courses required for the major with a "C" or better. A "P" (Pass) grade is acceptable for courses in the major.</p>	Associate in Science for Transfer	Revision	60	Fall 2025

First Read Curriculum Review

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11/21/2024	Early Childhood Education	<p>Career Technology Education (CTE) and Transfer Degree Due to a continued increase of parents in the labor force, there is an increased demand for child care workers and early childhood educators. The most recent California Child Care Portfolio (2015) indicates 63% of children aged 0-12 have parents in the labor force, but there is not enough child care centers or homes to meet child care needs. In Kern County there was an increase of 10% for subsidized child care while California overall had an increase of 1%.</p> <p>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.</p> <p>Upon completion of the following requirements, the student will be eligible for an Associate Degree for Transfer:</p> <p>(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:</p> <p>a. California General Education Transfer Curriculum (CalGETC).</p> <p>b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.</p> <p>(2) Obtainment of a minimum grade point average of 2.0.</p> <p>(3) The completion of all courses required for the major with a "C" or better. A "P" (Pass) grade is acceptable for courses in the major.</p>	Associate in Science for Transfer	Revision	60	Fall 2025
11/21/2024	Agriculture Plant Science	<p>The Associate in Science in Agriculture Plant Science degree for Transfer is designed for students who wish to transfer to a CSU or UC in plant science, agriculture, horticulture and related fields. The program covers a range of topics essential for understanding plant biology, crop production, soil management, and agricultural technology. It is structured to provide a seamless transition to a CSU (California State University) for students aiming to complete a bachelor's degree in agriculture or plant science.</p> <p>This program is designed for the plant science student who is interested in transferring to a CSU after graduation. The student may emphasize either the horticultural or crop production aspects of plant science including studies of soils, plant propagation, plant identification, plant pest control, and irrigation.</p> <p>Upon completion of the following requirements, the student will be eligible for an Associate Degree for Transfer:</p> <p>(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:</p> <p>a. California General Education Transfer Curriculum (CalGETC).</p> <p>b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.</p> <p>(2) Obtainment of a minimum grade point average of 2.0.</p> <p>(3) The completion of all courses required for the major with a "C" or better. A "P" (Pass) grade is acceptable for courses in the major.</p>	Associate in Science for Transfer	Revision	60	Fall 2025

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11/21/2024	Biology	<p>The Associate in Science in Biology for Transfer degree is designed to prepare students for a seamless transfer into the CSU system to complete a baccalaureate degree in Biology or similar major. Additionally, the Associate in Science in Biology for Transfer allows students to learn the fundamental principles and practices of biology in order to create a solid foundation for their future personal, academic, or vocational endeavors. The Associate in Science in Biology Degree for Transfer also provides solid preparation that is appropriate for a variety of scientific disciplines. Biology is the study and application of principles of cell biology, ecology, evolution, genetics, anatomy and physiology as it relates to humans and other organisms. Laboratory and field trip activities emphasize the integrated and interdependent nature of living systems. Course work trains students to use observation and investigation to identify questions and pursue answers using the scientific method. Graduates with baccalaureate degree may pursue jobs in a variety of fields including; biochemistry, biotechnology, botany, ecology, entomology, genetics, health, immunology, medicine, molecular biology, oceanography, pharmacy, teaching, wildlife management, zoology and related clinical fields. Biology majors may choose to specialize in research based on a particular organism or an aspect of biology related to those listed above.</p> <p>Upon completion of the following requirements, the student will be eligible for an Associate Degree for Transfer:</p> <p>(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:</p> <p>a. California General Education Transfer Curriculum (CalGETC).</p> <p>b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.</p> <p>(2) Obtainment of a minimum grade point average of 2.0.</p> <p>(3) The completion of all courses required for the major with a "C" or better. A "P" (Pass) grade is acceptable for courses in the major.</p>	Associate in Science for Transfer	Revision	60	Fall 2025
11/21/2024	Mathematics	<p>The Associate of Science in Mathematics for Transfer is intended for all students who plan to complete an Associate of Science degree in Mathematics. This degree is especially valuable for those students planning on completing a bachelor's degree in Mathematics at a California State University (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).</p> <p>Upon completion of the following requirements, the student will be eligible for an Associate Degree for Transfer:</p> <p>(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:</p> <p>a. California General Education Transfer Curriculum (CalGETC).</p> <p>b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.</p> <p>(2) Obtainment of a minimum grade point average of 2.0.</p> <p>(3) The completion of all courses required for the major with a "C" or better. A "P" (Pass) grade is acceptable for courses in the major.</p>	Associate in Science for Transfer	Revision	60	Fall 2025

First Read Curriculum Review

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11/21/2024	Accounting	<p>The Accounting degree is designed for students planning to seek accounting positions in business, industry, or government upon completing the required course of study. The program also meets the needs of employed individuals seeking to learn applications of accounting theory as practiced in the field. The program provides the foundation for individuals to prepare financial statements and record business transactions for all businesses and industries. Students develop a solid knowledge base of United States Generally Accepted Accounting Principles (GAAP) and accounting procedures. Communication skills, teamwork, computer technology, and ethical behavior are also emphasized.</p> <p>Upon completion of graduation requirements and the required degree courses with at least a "C" or "P" (pass) grade in each course, the student will be eligible for an Associate of Arts degree.</p>	Associate of Arts	Revision	60	Summer 2025
11/21/2024	Education Studies	<p>The Education Studies Associate of Science degree is designed to prepare students for employment as an Education Paraprofessional in a TK-12 classroom and satisfies the Title I requirement of 48 college units for Education Paraprofessionals. This degree may also provide students the opportunity to transfer to a California State University traditional or an integrated teacher preparation program in Multiple Subject (Elementary School) or Special Education. The Education Studies Associate of Science degree also incorporates subject matter that may prepare students for the California Basic Educational Skills Test (CBEST) exam.</p> <p>Upon completion of graduation requirements and the required degree courses with at least a "C" or "P" grade in each course, the student will be eligible for an Education Studies Associate of Science degree.</p>	Associate of Science	Revision	60	Summer 2025
11/21/2024	Human Biology	<p>The Human Biology program at Bakersfield College is designed to provide students with a comprehensive understanding of the human body and its functions. Through a combination of lecture-based courses and hands-on laboratory experiences, students will learn about the anatomy and physiology of various systems within the human body, including the cardiovascular, respiratory, and nervous systems. Additionally, the program includes coursework in genetics, microbiology, and biochemistry, which will allow students to understand the molecular basis of human biology. Graduates of the program will be well-prepared to transfer to a four-year university to continue their education in a variety of fields, including biology, nursing, and healthcare.</p> <p>Upon completion of graduation requirements and the required degree courses with at least a "C" or "P" grade in each course, the student will be eligible for an Associate of Science degree.</p>	Associate of Science	Revision	58 - 61	Summer 2025
11/21/2024	Logistics Management	<p>Logistics is a rapidly growing field encompassing goods management from the assembly line to the end user. The Bakersfield College Logistics Management degree is primarily designed to provide formal training for careers in the following logistics-related jobs: warehouse management, operations management, supply chain management, purchasing and contracting, and transportation management. Upon completing the Logistics Management A.S. Degree, students will have the skills necessary to obtain an entry-level position in Logistics Management for career advancement or to enable a student to transfer to a four-year institution to continue their studies in Logistics Management.</p> <p>Upon completion of graduation requirements and the required degree courses with at least a "C" or "P" grade in each course, the student will be eligible for an Associate of Science degree.</p>	Associate of Science	Revision	60	Summer 2025

First Read Curriculum Review

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11/21/2024	Research Laboratory Technology	<p>This program will provide a foundation in science theory and practice for students to later receive training leading to technician careers in chemical, biological, and environmental testing and compliance; and to prepare students for emerging opportunities in sustainable energy careers. The program will accomplish this by serving as the first two years of the Baccalaureate Degree in Research Laboratory Technology which prepares students to work with modern qualitative and quantitative sample analyses; "good lab practice" and laboratory maintenance; documentation skills for OSHA and other laboratory regulations and standards; and computer systems for program management and reporting.</p> <p>Upon completion of graduation requirements and the required degree courses with at least a "C" or "P" (pass) grade in each course, the student will be eligible for an Associate of Science degree.</p>	Associate of Science	Revision	60-60.5	Summer 2025
11/21/2024	Welding	<p>The Associate in Science in Welding is designed to prepare students for optimal success in technical careers in an environment that will encourage a lifelong pursuit of learning. Upon completion of the associate's degree program, graduates will be eligible for entry-level employment in welding, fabrication, and manufacturing environments.</p> <p>Upon completion of graduation requirements and the required degree courses with at least a "C" or "P" grade in each course, the student will be eligible for an Associate of Science Degree in welding.</p>	Associate of Science	Revision	66 - 69	Summer 2025
11/21/2024	Wildland Firefighting	<p>This degree is designed for people wanting to enter or enhance their career in a state or federal wildland firefighting agency. The course material is linked with the National Multi-Agency Coordinating Group certification process. Additional coursework is designed to meet or exceed the National Fire Protection Association's 1051 Standard on Wildland Fire Fighter Professional Qualifications. The elective material is designed to allow a student to obtain some degree of specialization that may tailor a student's education to qualify for supervisor positions in a wildland organization. Students may be placed in paramilitary and physically demanding environments designed to introduce the student to the job tasks and skills required to operate in the wildland fire services. Career Opportunities include the Forest Service and the Bureau of Land Management (BLM). Discharged military service personnel can use their military service time towards their career in the Forest Service or the BLM.</p> <p>Upon completion of graduation requirements and the required degree courses with at least a "C" or "P" grade in each course, the student will be eligible for an Associate of Science Degree.</p>	Associate of Science	Revision	60	Summer 2025

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11/21/2024	Physics	<p>The Associate in Science degree in Physics for Transfer is designed to prepare students to begin upper division course work in pursuit of a bachelor's degree (or ultimately a graduate degree) in physics upon transfer to a four-year college or university. Earning this degree should equip the student with the fundamental knowledge of physics contained in a calculus-based introductory physics sequence and the mathematics that supports that level of competency. The student will demonstrate proficiency in communication, critical thinking, quantitative problem solving, and laboratory science skills. This degree represents a step in a path preparing students for careers in any of the many branches of physics, physics education, and other technical fields, such as some engineering disciplines in which physics is an integral part.</p> <p>Upon completion of the following requirements, the student will be eligible for an Associate Degree for Transfer:</p> <p>(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:</p> <p>a. California General Education Transfer Curriculum (CalGETC).</p> <p>b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.</p> <p>(2) Obtainment of a minimum grade point average of 2.0.</p> <p>(3) The completion of all courses required for the major with a "C" or better. A "P" (Pass) grade is acceptable for courses in the major.</p> <p>Students transferring to a CSU or UC campus 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).</p>	Associate of Science for Transfer	Revision	60	Fall 2025
11/7/2024	Respiratory Therapy	<p>The Bakersfield College Respiratory Therapy Associate Degree Program prepares students to become skilled respiratory therapists, working in hospitals and healthcare facilities. The program offers both didactic and clinical education, providing a foundation in critical thinking and hands-on patient care. Students will be eligible for national certification exams and licensure upon completion. The 24-month program requires a full-time commitment, including summer sessions, and students may need to travel to clinical sites. Career opportunities include roles in various healthcare settings, with an excellent job outlook for graduates.</p> <p>Prerequisite Coursework: All pre-requisites must be completed at the time the application is submitted, and applicants must have earned a "C" grade or higher at BC, or an equivalent course at another accredited college. (*Please note that there is a minimum of 2.5 combined GPA required, and no less than a "C" in any course for the Biological Sciences. • BIOL B16 (General Microbiology) five units at Bakersfield College or an equivalent course at another accredited college. • BIOL B32 (Anatomy & Physiology I) four units at Bakersfield College or an equivalent course at another accredited college. • BIOL B33 Anatomy & Physiology II 4 units at Bakersfield College or an equivalent course at another accredited college. Anatomy and Physiology requirement can also be met with Human Anatomy (min. of 4 units) AND Human Physiology (min. of 4 units) of equivalent courses from another accredited college) •MATH B70 (Intermediate Algebra) OR higher level of Math at Bakersfield College or an equivalent course at another accredited college. • CHEM B11 (Introduction to General, Organic and Biochemistry) at Bakersfield College or an equivalent Chemistry course of three to five units from another accredited college. •MEDS B37 (Medical Terminology) 3 units at Bakersfield College or an equivalent course at another accredited college. • NURS B99 (equivalent to NURS B100) - recommended or any Educational Planning course listed under Bakersfield College General requirements for graduation. (A student development course is recommended to be taken during the first semester of courses at Bakersfield College to assure priority registration).</p> <p>General Education Coursework: General education courses are required to graduate from Bakersfield College with an Associate Degree in Respiratory Therapy. It is suggested that most of these courses be completed prior to beginning the Respiratory Therapy Program. Courses must be completed with a "C" grade or better.</p> <p>Upon completion of graduation requirements and the required degree courses with at least a "C" or "P" grade in each course, the student will be eligible for an Associate of Science degree.</p>	Associate of Science	New	75.5 - 81.5	Summer 2025

First Read Curriculum Review

Programs 11/21/24

Meeting Date	Program Title	Program Description	Program Type (B, ADT, AA, AS, CA, JSC, NC)	Request Type	Units / Hours	Start Semester
11/7/2024	Certified Phlebotomy Technician	<p>This course equips aspiring phlebotomists and those pursuing medical careers with the foundational knowledge, skills, and professional attitudes needed for success in medical laboratory settings. Through hands-on practice, instructor guidance, and a clinical practicum, students build confidence in blood collection techniques. Key topics covered include communication, medical terminology, specimen collection, basic anatomy and physiology, and managing venipuncture complications. The curriculum aligns with National Health Career Association (NHA) standards, preparing students for the Phlebotomy Technician Certification Examination.</p> <p>Upon completion of the required courses with at least a "C" or "P" (pass) grade in each course, the student will be eligible for a Job Skills Certificate.</p>	Job Skills Certificate	New	7	Summer 2025
10/24/2024	Human Services	<p>The major in human services provides the student with an academic background and real field-work experience for entry-level positions in various human services agencies. It also prepares the student for upper-division work in human services and other behavioral sciences. The field is interdisciplinary with the overall career goal of helping people.</p> <p>Upon completion of graduation requirements and the required degree courses with at least a "C" or "P" (pass) grade in each course, the student will be awarded an Associate of Arts degree.</p>	Associate in Arts	Revision	60	Summer 2025
10/24/2024	Forest Resource Management	<p>The Forest Resource Management program at Bakersfield College focuses on creating a passion for the stewardship of the environment and believes in sustainable use of our natural resources. Our program's goal is to provide experiential learning through a combination of foundational knowledge based in ecology and acquisition of forestry skills (in the classroom and in the field) to succeed in any field within the wide domain of forest resource management.</p> <p>Upon completion of graduation requirements and the required degree courses with at least a "C" or a "P" grade in each course, the student will be awarded a Forest Resource Management Associate of Science Degree.</p>	Associate in Science	Revision	60	Summer 2025
10/24/2024	Administrative Office Assistant	<p>The Administrative Office Assistant Degree is designed to provide the skills and competencies needed to become an efficient, productive member of an office support team. Courses help students analyze and coordinate office duties and systems, develop proficiency in integrated software, and improve oral and written communication. Emphasis is placed on non-technical as well as technical skills. This program prepares the student for employment as office support staff to assist managers, executives, and professionals.</p> <p>Upon completion of graduation requirements and the required degree courses with at least a "C" or "P" (pass) grade in each course, the student will be awarded an Associate of Arts degree.</p>	Associate of Arts	Revision	60 - 60.5	Summer 2025
10/24/2024	California State University (CSU) General Education Breadth	<p>The California State University General Education Breadth Certificate of Achievement is designed for students planning to transfer to a California State University (CSU) campus. Completion of this certificate ensures that the student has met the lower division General Education requirements for all CSU campuses.</p> <p>Upon completion of the required courses with at least a "C" or "P" (pass) grade in each course, the student will be awarded a Certificate of Achievement.</p>	Certificate of Achievement	Revision	34	Summer 2025

First Read Curriculum Review

Programs 11/21/24

Meeting Date	Program Title	Program Description	Program Type (B, ADT, AA, AS, CA, JSC, NC)	Request Type	Units / Hours	Start Semester
10/24/2024	Engine Performance	<p>The Engine Performance Certificate signifies that the student has developed the knowledge and skills in the diagnosis and repair of various types of engine mechanical, ignition, fuel, emission, computer controlled systems on vehicles having drivability and engine performance malfunctions. This training will equip students to seek entry level employment at various automotive dealerships, independent repair shops, performance shops, construction companies, agriculture companies, government agencies, or other transportation and vehicle fleet repair shops. Students earning this certificate will be prepared to further pursue certification through ASE (Automotive Service Excellence) in the A8 and L1 areas as well as certification for the BAR (Bureau of Automotive Repair) Specified Diagnostic and Repair training. The BAR Specified Diagnostic and Repair training is included in the curriculum of the Auto B33 and Auto B34 courses. Students that pass those two classes and pass the final exam for Auto B34 with a "C" or better are awarded the BAR Specified Diagnostic and Repair training state certificate by certified faculty not Bakersfield College. This certificate provides necessary training to prepare students to obtain their California State Smog Repair License.</p> <p>Upon completion of the required courses with at least a "C" or "P" (pass) grade in each course, the student will be awarded a Certificate of Achievement.</p>	Certificate of Achievement	Revision	16.5	Summer 2025
9/26/2024	Industrial Drawing	<p>Students who complete the Industrial Technology degree with the Industrial Drawing option will acquire information, skills, and training in a variety of fields that will enable them to apply their knowledge in an array of situations, including engineering and manufacturing settings. Students will acquire the practical knowledge and skills to successfully enter industry employment or to advance within their organization. Career opportunities include architecture, engineering, industrial technology draftsman, CAD Technician, engineering technician, CAD Manager, and detailer. To Transfer Coursework, a minimum of 31 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.</p> <p>Upon completion of graduation requirements and the required degree courses with at least a "C" or "P" grade in each course, the student will be awarded an Associate of Science degree.</p>	Associate of Science	Revision	60-63	Summer 2025
9/26/2024	Industrial Technology	<p>This degree covers the principles of industrial technology to prepare individuals for technical, management, and educational careers in a variety of industries including engineering, business, industry, and government. Students will take classes in the following programs: architecture, construction, drafting and CAD, manufacturing, occupational safety, welding, and woodworking.</p> <p>To Transfer Coursework: A minimum of 22 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."</p> <p>Upon completion of graduation requirements and the required degree courses with at least a "C" or "P" grade in each course, the student will be awarded an Associate of Science degree."</p>	Associate of Science	Revision	64-67	Summer 2025

First Read Curriculum Review

Programs 11/21/24

Meeting Date	Program Title	Program Description	Program Type (B, ADT, AA, AS, CA, JSC, NC)	Request Type	Units / Hours	Start Semester
5/4/2023	Manufacturing Technology	<p>This program teaches students the spectrum of tools utilized in the manufacturing industry: manual machining, computer-controlled machining (CNC), welding, computer-aided design, and mathematics.</p> <p>Career Opportunities: Machinist, CNC Operator, CNC Programmer, and Drafter/Designer</p> <p>To Achieve the Associate of Science Upon completion of graduation requirements and the required degree courses with at least a 'C' or 'P' grade in each course, the student will be awarded an Associate of Science degree.</p>	Associate in Science	Revision	60-69	Summer 2024
5/4/2023	Electrician Apprenticeship	<p>Apprenticeship courses are designed for indentured apprentices under the Shelley-Maloney California Apprenticeship Standards Act. The Apprentice Agreement states that the student will supplement on-the-job training with related classroom instruction during each year of apprenticeship. Apprentice classes meet three to eight hours per week and yield two to six units of credit. Joint Apprenticeship Committees administering each program are composed of representation from labor, management, California State Division of Apprenticeship Standards, and Bakersfield College. These committees adopt state approved standards for operation and assure equal opportunity for applicants. Related training in apprenticeable occupations, in addition to those listed below, may be offered as the need arises.</p> <p>Information for entry into apprenticeship programs may be obtained from the college coordinator of apprenticeship training. Interested persons are encouraged to apply for any of these programs and may contact the Bakersfield College Apprenticeship Department at 661/395-4408 for further information.</p> <p>Associate of Science: Upon completion of graduation requirements and the required degree courses with at least a 'C' or 'P' grade in each course, the student will be awarded an Associate of Science degree.</p>	Associate of Arts (A.A.) degree	Revision	45-70	Summer 2023
5/4/2023	Sheet Metal	<p>Apprenticeship courses are designed for indentured apprentices under the Shelley-Maloney California Apprenticeship Standards Act. The Apprentice Agreement states that the student will supplement on-the-job training with related classroom instruction during each year of apprenticeship. Apprentice classes meet three to eight hours per week and yield two to six units of credit. Joint Apprenticeship Committees administering each program are composed of representation from labor, management, California State Division of Apprenticeship Standards, and Bakersfield College. These committees adopt state-approved standards for operation and assure equal opportunity for applicants. Related training in apprentice-able occupations, in addition to those listed below, may be offered as the need arises.</p> <p>Information for entry into apprenticeship programs may be obtained from the college coordinator of apprenticeship training. Interested persons are encouraged to apply for any of these programs and may contact the Bakersfield College Apprenticeship Department at 661/395-4408 for further information.</p> <p>To Achieve the Associate of Science Degree Upon completion of graduation requirements and the required degree courses with at least a 'C' or 'P' grade in each course, the student will be awarded an Associate of Science degree.</p>	Associate of Arts (A.A.) degree	Revision	60 - 68	Summer 2023

First Read Curriculum Review

Programs 11/21/24

Meeting Date	Program Title	Program Description	Program Type (B, ADT, AA, AS, CA, JSC, NC)	Request Type	Units / Hours	Start Semester
5/4/2023	Welding	<p>The Associate in Science in Welding is designed to prepare students for optimal success in higher education and technical careers in an environment that will encourage a lifelong pursuit of learning. Upon completion of the associate's degree program, graduates will be eligible for entry-level employment in welding, fabrication, and manufacturing environments.</p> <p>To Achieve the Associate of Science Degree: Upon completion of graduation requirements and the required degree courses with at least a 'C' grade in each course, the student will be awarded an Associate of Science Degree in welding.</p>	Associate of Science	Revision	65-77	Summer 2024
5/4/2023	Manufacturing Technology	<p>This program teaches students the spectrum of tools utilized in the manufacturing industry: manual machining, computer-controlled machining (CNC), welding, computer-aided design, and basic math.</p> <p>To Achieve the Certificate of Achievement Upon completion of the required courses with at least a 'C' or 'P' grade in each course, the student will be awarded a Certificate of Achievement.</p>	Certificate of Achievement	Revision	31-33	Fall 2023
4/27/2023	Automotive Heating and Air Conditioning	<p>The Automotive Heating and Air Conditioning Certificate signifies that the student has developed skills to diagnose and repair several types of heating and air conditioning systems found in automotive, agriculture, and industrial applications. Students can implement the skills in daily employment throughout the associated industries, such as automotive and heavy-duty dealerships, independent repair shops, performance shops, construction companies, agriculture companies, government agencies, etc.</p> <p>Students earning this certificate will be prepared to further pursue certification through ASE in the A7, T7, H7, and S7. Students will have earned MACS Section 609 certification under Section 609 of the Environmental Protection Agency (EPA) Clean Air Act.</p> <p>Career Opportunities: Automotive Technician, Automotive HVAC Technician.</p> <p>Upon completion of the required courses with at least a 'C' or 'P' grade in each course, the student will be awarded a Certificate of Achievement.</p>	Certificate of Achievement	Revision	12	Summer 2024