

First Read Curriculum Review

Programs 11/07/24

Meeting Date	Program Title	Program Description	Program Type (B, ADT, AA, AS, CA, JSC, NC)	Request Type	Units / Hours	Start Semester
11/7/2024	Civil Engineering	<p>The Associate of Science in Civil Engineering (ASCE) program prepares students for transfer to university programs in civil engineering, structural engineering, and related majors. The ASCE includes coursework in physics, calculus, chemistry, surveying, materials science, statics, computer programming, and engineering graphics with AutoCAD. Students are advised that many engineering courses have science and math prerequisites. The ASCE degree is a high-unit major and it is recommended that the students contact a STEM counselor or advisor for guidance regarding appropriate sequencing to complete their degree requirements. Additional coursework may be required for transfer to specific universities.</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 of Science	Deletion		Summer 2025
11/7/2024	Forestry	<p>The program provides a broad general experience in the arts and science to develop an individual with a well-rounded education, and a core of basic courses which furnish the student with a perspective of the scientific and professional area of forestry, natural resources, fisheries and wildlife. The pre-forestry, resource conservation and wildlife management program at Bakersfield College should conform to the recommended program as prescribed by the school to which the student wishes to transfer. Students planning to go to work after completing a two-year degree should complete the Associate in Science degree. Career opportunities: Forestry, fishing industries and wildlife management.</p> <p>To Achieve the Associate of Science: Upon completion of graduation requirements and the required degree courses with at least a 'C' grade in each course, the student will be awarded a Forestry Associate of Science degree.</p>	Associate of Science	Deletion		Summer 2025
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

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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
10/24/2024	Building a Canvas Course	<p>The Certificate of Completion in Introduction to Building a Canvas Course prepares current and future teachers to effectively build a Canvas course. This 18-hour certificate guides students through courses. The first course supports current and future teachers in understanding the integrated tools within Canvas as well as creating a module. The second course supports students as they leverage Design Tools to create a visually appealing course.</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 Completion (NC)	New	18 hrs	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

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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
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
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	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

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10/24/2024	Liberal Arts	<p>The Liberal Arts major at Bakersfield College is designed to provide students with the opportunity to earn an associate in arts degree in a broad area of study. The major is interdisciplinary and allows students to develop a variety of skills transferable to numerous occupations and fields of study. The major is intended to provide general knowledge and to develop intellectual capacities, such as reasoning and judgment, as opposed to professional or vocational skills. This major is suitable for transfer students preparing for upper-division study in a variety of fields in the liberal arts and for those students undecided as to major or further study. Note: Students may only choose the CalGETC general education pattern or CSU GE and IGETC, but only for catalog years prior to 2025-2026.</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	Summer 2025
10/10/2024	Graphic Design Level II	<p>The program is designed to prepare students for work in the communication arts and graphic design fields. The core learned disciplines are the principles and elements of design, exposure to art and design history, and conceptual visual problem solving. Students are given a balanced blend of creative, design, and technology skills necessary to develop successful print, digital and multi-media graphic design. The program offers the essential skills required for entry-level employment opportunities as a production, layout, content, publication, print, advertising or social media graphic designer. The ability to problem-solve with visual solutions is developed. A portfolio of work is prepared using industry-standard software and processes, plus self-branding and job research necessary for employment opportunities in the field of Graphic Design.</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	New	28 - 28	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

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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
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	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
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

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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
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
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