

Second Read Curriculum Review

Programs 10/24/24

1st Read Meeting Date	Program Title	Program Description	Program Type (B, ADT, AA, AS, CA, JSC, NC)	Request Type	Units/Hours	Start Semester
10/10/2024	Applied Engineering	<p>This program prepares students for transfer into the BS in Engineering program at CSU Bakersfield, a broad-based general engineering degree program. Students may also meet transfer requirements for other applied engineering programs, such as the Marine Engineering Technology and Facilities Engineering Technology programs at the California Maritime Academy. As such, it provides the graduate flexibility, breadth of technical knowledge, and communication skills important in today's rapidly changing multidisciplinary work environment. In addition to courses in calculus, chemistry, and physics, students also study materials science, engineering mechanics (statics, dynamics, and strength of materials), and engineering graphics with Solidworks.</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	63 - 78	Summer 2025
10/10/2024	Electrical Engineering Associate of Science	<p>The Associate of Science in Electrical Engineering (ASEE) program prepares students for transfer to university programs in electrical engineering and related majors. The ASEE includes coursework in physics, calculus, chemistry, C++ programming, electric circuits, and digital logic. Students are advised that many engineering courses have science and math prerequisites. The ASEE 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> <p>Upon completion of the required courses with a grade of "P" for passing, the student will be awarded a Certificate of Completion.</p>	Associate of Science	Deletion	62 - 74	Summer 2025
10/10/2024	Mechanical/Aerospace Engineering	<p>The Associate of Science in Mechanical/Aerospace Engineering (ASMAE) program prepares students for transfer to university programs in mechanical engineering, aerospace engineering, and related majors. The ASMAE includes coursework in physics, calculus, chemistry, materials science, electric circuits, engineering graphics, and statics. Students are advised that many engineering courses have science and math prerequisites. The ASMAE 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	67 - 79	Summer 2025

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10/10/2024	Plant Science	<p>This program provides instruction in the planting, growing, harvesting, and marketing of field, forage, and vegetable crops as well as irrigated and range pasture crops. Career opportunities in Plant Science include farm management, agricultural pest control, agriculture chemical and seed sales and application, soil laboratory technician, irrigation equipment supply and sales, and agricultural research technician.</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 Science degree.</p>	Associate in Science	New	60	Summer 2025
10/10/2024	Philosophy	<p>The Associate in Arts in Philosophy for Transfer degree is designed to provide students a clear transfer pathway to the UC/CSU philosophy major and completion of the philosophy 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. Philosophy has always been and continues to be one of the strongest traditional liberal arts majors in higher education. Some students major in Philosophy as a precursor to graduate work and academic careers, teaching and conducting research in Philosophy and Education. The emphasis on critical thinking, theories of knowledge, value and reality, truth, rational argument and proof make Philosophy an excellent pre-professional undergraduate major (e.g., for law, theology, medicine, business, computer science) or minor (e.g., for the natural, physical and social science and humanities majors).</p> <p>Upon completion of the following requirements, the student will be awarded 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	Summer 2025
10/10/2024	Sociology	<p>The Associate in Arts in Sociology for Transfer (AA-T) is intended for all students who plan to complete an Associate in Arts in Sociology. This degree is especially valuable for those students planning on completing a bachelor's degree in Sociology at a California State University (CSU) campus because the Associate in Arts in Sociology for Transfer guarantees admission to the CSU system (but not to a particular campus or major). Students transferring to a CSU campus that does accept the Associate in Arts in Sociology 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 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.</p>	Associate in Arts for Transfer	Revision	60	Summer 2025