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Programs

Meeting Date	Program Title	Program Description	Program Type (B, ADT, AA, AS, CA, JSC, NC)	Request Type	Units / Hours	Start Semester
3/9/2023	Civil Engineering	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 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. 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.	Associate of Science	New	62-81	Summer 2023
3/9/2023	Equipment Technician Level 1	The Equipment Technician Level 1 Certificate of Completion is designed to support new, current, and returning students by providing tools and strategies to be successful in the areas required to work as an entry level equipment shop technician. Topics covered during the completion of this certificate include the principles of diesel engine operation and repair, electrical system operation and repair, hydraulic system operation and repair as well as preventative maintenance and operator comfort systems. To Achieve the Certificate of Completion: Upon completion of the following courses with a grade of “P”, the student will be awarded a Certificate of Completion.	Certificate of Completion (NC)	New	207 hours	Summer 2023
3/9/2023	Mechanical/Aerospace Engineering	The Associate of Science in Mechanical/Aersopace Engineering (ASMAE) program prepares students for transfer to university programs in civil 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. 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.	Associate of Science	New	67-79	Summer 2023

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3/9/2023	Sports Medicine	This certificate in Sports Medicine provides students with the foundational knowledge necessary to prepare them to apply for Masters of Athletic Training programs and move into the profession of Athletic Training. The certificate will provide hands-on experience in injury prevention, rehabilitation, mechanisms of injury, assessments, and appropriate care. Students will have an opportunity to obtain observation hours in the Bakersfield College Athletic Training clinic to gain experience and work directly with athletes. The Sports Medicine Certificate is a three-semester, 16 credit certificate of achievement, which includes a work-based internship. All coursework will include Kinesiology courses (KINSB1A, KINSB2A, KINSB3A, KINSB3B, KINSB48WE) which are requirements of the Kinesiology AA-T and can be used to continue coursework at the California State University and University of California levels. The certificate of achievement is created to be a stackable component with the Associates Transfer Degree. The curriculum is designed to be flexible enough to support students in various stages of their academic and career paths. 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.	Certificate of Achievement	New	16	Summer 2024
3/9/2023	Theatre Arts Associate in Arts for Transfer	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) 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. Requirements for 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 "P" grade or better.	Associate in Arts for Transfer	Revision	60	Fall 2023
2/23/2023	Applied Engineering	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. 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.	Associate of Science	New	63 - 78	Summer 2023

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Programs

Meeting Date	Program Title	Program Description	Program Type (B, ADT, AA, AS, CA, JSC, NC)	Request Type	Units / Hours	Start Semester
~~2/23/2023~~	~~Construction Engineering Technology~~	~~The Construction Engineering Technology program prepares students for transfer to Construction Management programs at several California State University campuses. In addition to learning calculus and physics in this STEM program, students develop skills and knowledge in various aspects of the construction process, including surveying, construction methods, business law, static load analysis, financial accounting, and AutoCAD. Transfer Notes: Cal Poly SLO requires PHYS B4A-B4B (calculus-based), all other CSU's require PHYS B2A-B2B (algebra/trig-based). Some CSU campuses waive the A3 critical thinking requirement for Construction Management. Additional transfer opportunities to university programs outside California are available through the Western Undergraduate Exchange. Students interested in transferring should contact a counselor or educational advisor.~~	~~Associate of Science~~	~~New~~	~~60 - 73.5~~	~~Summer 2023~~
2/23/2023	Electrical Engineering	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.	Associate of Science	New	62 - 74	Summer 2023
2/23/2023	Electronic Systems Engineering Technology	The AS in Electronic Systems Engineering Technology program prepares students for transfer to programs in Electronic Engineering Technology, Electrical Engineering Technology, Computer Engineering Technology, or similar programs. Students learn engineering fundamentals and gain hands-on skills with digital circuits, DC and AC electronics, C++ programming, programmable logic controllers (PLCs), and AutoCAD. Students interested in transfer opportunities at Cal Poly Pomona, CSU Long Beach, or engineering technology programs at universities outside California via the Western Undergraduate Exchange should contact a counselor or educational advisor.	Associate of Science	New	62 - 71	Summer 2023
2/23/2023	Mechanical Engineering Technology	The AS in Mechanical Engineering Technology program prepares students for transfer to programs in Electromechanical Engineering Technology, Manufacturing Engineering Technology, or similar programs at several California State University campuses. Students develop skills and knowledge in engineering fundamentals, materials science, static load analysis, and Solidworks. Additional transfer opportunities to mechanical engineering technology programs at universities outside California are available via the Western Undergraduate Exchange. Students interested in transferring should contact a counselor or educational advisor.	Associate of Science	New	61 - 72	Summer 2023