

Aims Community College Catalog Addendum Spring 2024

The Spring 2024 Addendum contains programs and courses effective for Spring 2024 term. The programs and courses will be published to the 2024 - 2025 catalog.



New Courses:

EGG 2011, Engineering Mechanics I – Statics – 3 credits

Focuses on the vector and calculus treatment of forces and force systems, including particle and rigid body force systems. Additional topics include moments, friction, structures, and section properties. Prerequisite: MAT 2410 and PHY 2111 with grades of “C” or better. PHY 2111 may be taken concurrently. Course is not repeatable for credit.

EGG 2012, Engineering Mechanics II (Dynamics) – 3 credits

Presents content in particle kinematics, including 2-D motion in x-y coordinates, normal tangential coordinates, and polar coordinates; rigid body kinematics, including relative velocities and relative accelerations; and rigid body kinetics, including the equation of motion, work and energy, linear impulse-momentum, and angular momentum. Prerequisite: EGG 2011 with a grade of “C” or better. Course is not repeatable for credit.

EGT 1110, IDEA: Introduction to Design and Engineering Applications – 3 credits

Provides students with opportunities to engage with an industry client on a real-world, open-ended engineering design problem. Students will develop professional skills and knowledge using Computer Aided Drafting (CAD) as a primary tool. The course covers human-centered design and the role of engineering in a sustainable society. Students will cultivate an understanding of the differences in engineering disciplines while working in interdisciplinary teams. Written and verbal communication skills will also be covered. Course is no repeatable for credit.

HIS 2140, Civil War Era in American History: GT-HI1 – 3 credits

Explores the causes, course, and consequences of the American Civil War. Students will examine four broad themes: union and disunion; slavery, race, and emancipation; the experience of modern war for individuals and society; and the challenges of Reconstruction. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category. Course is not repeatable for credit.