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CERRITOS COLLEGE PHYSICS (AS-T)

ASSOCIATE IN SCIENCE DEGREE IN PHYSICS FOR TRANSFER

Upon successful completion of Cerritos College’s Associate in Science in Physics for Transfer degree, students will demonstrate breadth and depth of understanding of physics. The degree is intended for students who are interested in the field of physics and are planning on transferring to a CSU and majoring in physics, astronomy, or one of many engineering specialties.

Physics graduates with their bachelor’s degrees qualify for graduate studies in physics, engineering, medical physics, geophysics, and astronomy. Physicists find rewarding careers in teaching, medicine, and industrial and government scientific endeavors.

COMMON LOWER-DIVISION REQUIREMENTS

PHYS 201	Engineering Physics	4
PHYS 202	Engineering Physics	4
PHYS 203	Engineering Physics	4
MATH 170	Analytic Geometry and Calculus I	4
MATH 190	Analytic Geometry and Calculus II	4
MATH 225	Calculus III	5
Total Units for the Major		25

ASSOCIATE IN SCIENCE DEGREE IN PHYSICS FOR TRANSFER REQUIREMENTS

Complete 60 CSU-transferable units to include:

- 1) the common lower-division requirements and
- 2) the Associate of Arts degree general education requirements for transfer to CSU (Plan B) or for IGETC (Plan C)
- 3) Double-counting courses in GE and the major is permissible. Students are not required to complete any additional local requirements. All 60 units are CSU-transferable. Students must earn a minimum grade of “C” or “Pass” in all courses required for the major or area of emphasis. An overall 2.0 grade point average is required for all courses used in the degree.

Revised Fall 2021