

CERRITOS COLLEGE
PHYSICS 2.0 (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 governmental scientific endeavors

REQUIRED COURSES

Course Number	Course Name	UNITS
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
MATH 250	Linear Algebra and Differential Equations	5
CIS 180	Programming in C/C++	3.5
or CIS 183	Java Programming	(3.5)
or CIS 181	Python Programming	(3.5)
Total Units:		33.5

**ASSOCIATE IN SCIENCE IN PHYSICS FOR TRANSFER REQUIREMENTS: FOR
TRANSFER REQUIREMENTS:**

1. Completion of 60 CSU-transferable semester units.
2. Achievement of a minimum GPA of at least 2.0 in all CSU-transferable coursework. (Some majors may require a higher GPA. Students should consult with a counselor for more information.)
3. Completion of the major with a grade of "C" or better in each course or a "P" if the course was taken on a Pass/No Pass basis and the "P" is equal to a "C" or better.
4. Completion of the California General Education Transfer Curriculum (Cal-GETC).

Note: The CSU GE (California State University General Education-Breadth) or IGETC (Intersegmental General Education Transfer Curriculum) pattern may be used in some cases; please see a counselor for details.