CERRITOS COLLEGE
COMPUTER SCIENCE (AS-T)
ASSOCIATE IN SCIENCE DEGREE IN COMPUTER SCIENCE FOR TRANSFER

Upon successful completion of the Associate in Science in Computer Science Transfer degree, students will be able to:

- Apply structured and object-oriented approaches to the design and implementation of software systems
- Use data structures and algorithms to solve a variety of problems
- Design, implement, test, and debug computer programs using a structured language, a low-level language, or an object-oriented language.

This degree is for seamless transfer to CSU.

REQUIRED COURSES:

Course Number	Course Name	UNITS
CIS 183	Java Programming	3.5
CIS 292	Data Structures	3
CIS 231	Computer Organization and Assembly Language Programming	3.5
CIS 185	Discrete Structures	3
MATH 170	Analytic Geometry and Calculus I	4
MATH 190	Analytic Geometry and Calculus II	4
PHYS 201	Engineering Physics	4
PHYS 202	Engineering Physics	4
	Total Units:	**29**

ASSOCIATE OF SCIENCE IN COMPUTER SCIENCE 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.