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 CORE (28 UNITS)		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 for the Major	**29**

ASSOCIATE IN SCIENCE DEGREE IN COMPUTER SCIENCE FOR TRANSFER REQUIREMENTS

Complete the following
1) 60 semester or 90-quarter CSU – transferable units
2) The California State University-General Education-Breadth pattern (CSU GE-Breadth); or the Intersegmental General Education Transfer Curriculum (IGETC) pattern
3) A minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district
4) Obtainment of a minimum grade point average (GPA) of 2.0
5) Earn a grade of "C" or better in all courses required for the major or area of emphasis.