COMPUTER SCIENCE, ASSOCIATE IN SCIENCE FOR TRANSFER (AS-T)

Program Requirements: Includes course requirements and sequencing that reflect program goals.

To earn an AS-T in Computer Science students must:

1. Complete 60 semester or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
   a. The Intersegmental General Education Transfer Curriculum (IGETC)
   b. The required coursework for the AS-T Computer Science as listed in the Moorpark College catalog.
2. Obtain a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some transfer institutions and majors may require a higher GPA. Please consult with a counselor for more information.
3. Obtain a grade of "C" or better or "P" in all courses required in the major. Even though a "pass-no-pass" is allowed (Title 5 §55063), it is highly recommended that students complete their major courses with a letter grade (A, B, or C).
4. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residence at the college granting the degree.

Students transferring to a CSU campus that accepts the AS-T in Computer Science degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major at a particular campus). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

Course ID	Title	Units/Hours
REQUIRED CORE: Complete the following		
CS M125	Programming Concepts and Methodology I (formerly CS M10A)	3
CS M135	Programming Concepts and Methodology II	3
CS M145	Computer Architecture and Organization	3
CS M155	Discrete Structures	3
or MATH M21	Discrete Mathematics	
PHYS M20A	Mechanics of Solids and Fluids	4
PHYS M20AL	Mechanics of Solids and Fluids Laboratory	1
Additional Requirements (15 units)		
LIST A: Complete 2 semesters of Calculus (10 units)		
MATH M25A	Calculus with Analytic Geometry I	5
or MATH M25AH	Honors: Calculus With Analytic Geometry I	
MATH M25B	Calculus with Analytic Geometry II	5
or MATH M25BH	Honors: Calculus with Analytic Geometry II	
LIST B: Select and complete one course (5 units)		
BIOL M02A	General Biology I (*)	5
or BIOL M02AH	Honors: General Biology I	
* NOTE: CHEM M01A or PHYS M20B/L can be used in place of BIOL M02A.		
Total Required Major Units: 32		
IGETC Pattern: 37. NOTE: IGETC 1C is required for all CSU applicants. Students applying to a UC or Private school may earn this ADT without IGETC 1C but will be ineligible to apply to a CSU.		37
Double-Counted Units: 10		
Electives to meet 60 CSU units: 1		
Total Units Required for the AS-T Degree		**60**

State Approved: 4/27/2023