COMPUTER SCIENCE (AAT) (PLAN CODE: COPCSAPT)

Academic Plans, known as programs, include an overview description and a summary of program requirements. You can search the online catalog via the Academic Plan links on the right for a desired program or a specific course information.

Updated 4/22/25. See Degree Corrections (https://catalog.clark.edu/corrections/degrees-certificate-corrections/) for details.

Code	Title	Credits/Units
Communication Skills (5 credits required)		
ENGL& 101	English Composition I	5
Human Relations (5 credits Required)		
CMST& 230	Small Group Communication	5
Computational Skills (5 credits required) [1]		
MATH 111	College Algebra	5
or MATH 110	College Algebra With Support	
Major Core Requirements (76 credits required)		
CSE 101	Engineering and Computer Science Orientation	1
CSE 222	Introduction to Data Structures	5
CSE 223	Data Structures & Object-Oriented Programming	5
CSE 224	Programming Tools	5
CSE 250	Digital Logic Design	5
CSE 120	Introduction to Electrical/Computing	5
CSE 121	Introduction to C	5
CSE 215	Discrete Structures	5
ECON& 202	Macro Economics	5
MATH 103	College Trigonometry	5
MATH 215	Linear Algebra	5
MATH& 146	Introduction to Stats	5
MATH& 151	Calculus I	5
MATH& 152	Calculus II	5
Two 5 credit natural science course with lab [2]		10
Total Credits/Units		**91**

Program Outcomes

Program outcomes are overarching skills that are emphasized and reinforced throughout several courses in a specific program; they are measurable statements that define what students should know or be able to do by the end of a certificate or degree at Clark College. After successful completion of this program, students will be able to:

- ANALYSIS: Analyze computing solutions utilizing computing principles.
- DESIGN: Develop solutions to computing problems.
- TEAMWORK: Function effectively as a member of a team.
- COMMUNICATION: Communicate computing solutions effectively.