Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

To: San Diego State University 2022-2023 General Catalog, Semester	From: Cuyamaca College 2022-2023 General Catalog, Semester

Computer Science

Due to high demand, admission to SDSU is highly competitive. General admission information is available at:

http://arweb.sdsu.edu/es/admissions/transfers/index.html

GENERAL INFORMATION-DEGREE NOTES

Preparation for Major courses must be completed with a grade of C (2.0) or better and cannot be taken for credit/no credit (Cr/NC).

PREPARATION FOR THE MAJOR

SDSU		Cuyamaca
CS 150 - Introduction to Computer Programming (3.00) --- And --- **CS 150L** - Introductory Computer Programming Laboratory (1.00)	←	**CS 181** - Introduction to C++ Programming (4.00) --- Or --- **CS 182** - Introduction to JAVA Programming (4.00)
CS 160 - Intermediate Computer Programming (3.00) --- And --- **CS 160L** - Intermediate Computer Programming Laboratory (1.00)	←	**CS 281** - Intermediate C++ Programming and Fundamental Data Structures (4.00) --- Or --- **CS 282** - Intermediate Java Programming and Fundamental Data Structures (4.00)
CS 210 - Data Structures (3.00)	←	Course(s) Denied: CS 240;
CS 240 - Computer Organization (3.00)	←	**CS 165** - Assembly Language and Machine Architecture (4.00)
CS 250 - Introduction to Software Systems (3.00)	←	No Course Articulated

MATH 150 - Calculus I (4.00)	←	**MATH 180** - Analytic Geometry and Calculus I (5.00)
--- And ---		
MATH 151 - Calculus II (4.00)	←	**MATH 280** - Analytic Geometry and Calculus II (4.00)

MATH 245 - Discrete Mathematics (3.00)	←	**MATH 245** - Discrete Mathematics (3.00) --- Or --- **CS 240** - Discrete Structures (3.00)
MATH 254 - Introduction to Linear Algebra (3.00)	←	**MATH 284** - Linear Algebra (3.00)
STAT 250 - Statistical Principles and Practices (3.00)	←	**MATH 160** - Elementary Statistics (4.00) --- Or --- **PSY 215** - Statistics for the Behavioral Sciences (4.00)

PHYS 195 - Principles of Physics (3.00) --- And --- **PHYS 195L** - Principles of Physics Laboratory (1.00)	←	**PHYC 190** - Mechanics and Heat (5.00) --- Or --- **PHYC 201** - Mechanics and Waves (5.00)

PHYS 196 - Principles of Physics (3.00) --- And --- **PHYS 196L** - Principles of Physics Laboratory (1.00)	←	**PHYC 200** - Electricity and Magnetism (5.00) --- Or --- **PHYC 202** - Electricity, Magnetism, and Heat (5.00)

END OF AGREEMENT