B.S. in Computer Science Degree Completion Program (Pending WASC Approval)

University of Silicon Andhra

Milpitas, CA 95035

UofSA and Las Positas College Course Equivalencies

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1 *UofSA B.S. in Computer Science Degree Completion Program*

The University of Silicon Andhra (UofSA) plans to offer a B.S. in Computer Science completion program in Fall 2025, pending approval by the WSCUC.

Students will complete the freshman and sophomore years of the program at Las Positas College. The junior and senior year courses of the curriculum are completed at UofSA.

2 *Las Positas College and UofSA Course Equivalencies*

If a cell in the left column (Las Positas College courses) lists more than one course, each course is equivalent to the course (UofSA courses) shown in the right column.

The following table is incomplete and requires additions/deletions through consultation with the Las Positas College Computer Science faculty.

Las Positas College Course	**University of Silicon Andhra Course**
MATH 1: Calculus I	CS 120: Differential Calculus
MATH 2: Calculus II	CS 125: Integral Calculus
MATH 10: Discrete Mathematics or CS 17: Discrete Mathematical Structures	CS 110: Discrete Structures for Computing I
MATH 7: Elementary Linear Algebra	CS 120: Linear Algebra
CS 1: Computing Fundamentals I	CS 100: Foundations of Computing I
CS 2: Computing Fundamentals II	CS 105: Foundations of Computing II
CS 20: Advanced Programming with Data Structures/C++	CS 200: Algorithms and Data Structures I
CS 21: Computer Organization and Assembly Language Programming	CS Elective
CHEM 1A: General College Chemistry I (with lab component)	CHEM 100: General Chemistry I
CHEM 1B: General College Chemistry II (with lab component)	CHEM 105: General Chemistry II
PHYS 1A: General Physics I (with lab component)	PHYS 100: Physics I
PHYS 1B: General Physics II (with lab component)	PHYS 105: Physics II
ENG 1A: Critical Reading & Composition	ENGL 100: English Composition I

ENG 7: Critical Thinking and Writing Across Disciplines	ENGL 105: English Composition II
AA/AS Humanities	HIST 100/ PHIL 100/ LITT 100/ ETHS 100/ RLGN 100
AA/AS Elective	ANTH 100/ ECON 100/ GEOG 100/ POSC 100/ PSYC 100/ SOSC 100
AA/AS Elective or AA/AS Ethnic Studies	ANTH 100/ ECON 100/ GEOG 100/ POSC 100/ PSYC 100/ SOSC 100
AA/AS Kinesiology	ARTS 100/ DANC 100/ MUSC 100/ THEA 100