Associate in Science Degree: Computer Science

Degree Student Learning Outcome:

Students will be able to students identify, evaluate, analyze, and present fundamental software solutions and their applications.

Program Requirements:

Units Required: 37

		Units:
CMPSCI-111	Introduction to Algorithms and Programming/Java	3.0
CMPSCI-111L	Introduction to Algorithms and Programming Lab	1.0
CMPSCI-122	Computer Architecture and Assembly Language	3.0
CMPSCI-182	Data Structures and Program Design	3.0
CMPSCI-182L	Data Structures and Program Design Lab	1.0
CMPSCI-235	'C' Programming	3.0
CMPSCI-282	Advanced Data Structures	3.0

Plus six units from the following:

CMPSCI-132	Introduction to Programming	3.0
CMPSCI-190	Web Programming: JavaScript	3.0
CMPSCI-192	PHP Programming	3.0
CMPSCI-222	Computer Organization	3.0
CMPSCI-236	C++ Object Oriented Programming	3.0
PHILOS-230	Symbolic Logic	3.0

Plus 14 units from the following (for Transfer students)

MATH-211	Calculus I	5.0
MATH-212	Calculus II	5.0
MATH-214	Linear Algebra	4.0

OR

Plus 14 units from the following (for Non-Transfer students)

MATH-211	Calculus I	5.0

AND

Nine additional units from the above CMPSCI courses that have not already been taken