Associate in Science Degree: Computer Engineering

MATH	Description	Units
MATH 103	Calculus with Analytic Geometry	5
MATH 104	Calculus with Analytic Geometry	5
MATH 108	Ordinary Differential Equations	5

PHYSICS		
PHYSICS 101	Engineering Physics	5
PHYSICS 102	Engineering Physics	5

ENGINEERING and COMPUTER SCIENCE   (Complete 12 units from the following)

ENGR 100	Introduction to Engineering	3
ENGR 240	Electrical Engineering Fundamentals[3]	4
ENGR 125	Programming Concepts and Methodologies for Engineers[2]	4
CS/IS 135	Programming in C/C++[2]	3
CS/IS 125	Discrete Structures for Computing	4
CS/IS 211	Data Structures	4

Total Units	**37**
Plus General Education Units	**27**
Total for AS Degree	**64**

NOTES
1. MATH 105 and PHYSICS 103 courses are recommended before transfer.
2. ENGR 125 or CS/IS 135 is strongly recommended.
3. Requires MATH 108

Contact: Christopher Herwerth
#cherwerth@glendale.edu
818-240-1000 ext. 5628

#

GENERAL EDUCATION

ENGLISH 101	Freshman English	3
SPCH 101	Public Speaking	3
POL S 101	Introduction to Government	3
HISTORY 117 or 118	United States History[5]	3
HEALTH		3
PHYSICAL EDUCATION		2
FIRST AID		1
SOCIAL SCIENCE		3
HUMANITIES		3
ARTS, FOREIGN LANG, LIT AND PHILOSOPHY		3

#