



Glendale Community College Engineering

Associate in Science Degree: Computer Engineering

MATH	Description	Units
MATH 103E	Calculus with Analytic Geometry	5
MATH 104E	Calculus with Analytic Geometry	5
MATH 108	Ordinary Differential Equations	5
PHYSICS		
PHY 101	Physics for Scientists and Engineers: A	5
PHY 102	Physics for Scientists and Engineers: B	5
ENGINEERING and COMPUTER SCIENCE (Complete 12 units from the following)		
ENGR 100	Introduction to Engineering	3
ENGR 125	Programming Concepts and Methodologies for Engineers	4
ENGR 240	Electrical Engineering Fundamentals ³	4
CS/IS 125	Discrete Structures for Computing	4
CS/IS 211	Data Structures	4
Total Units		37
Plus General Education Units (estimated)		28
Total for AS Degree		65

NOTES

1. MATH 105 and 107 courses are recommended before transfer.
2. ENGR 125 is strongly recommended.
3. Requires MATH 108
4. MATH 107, PHY 103 and CHEM 102 are recommended for transfer to UC's.
5. GE requirement for AS degree may also be met with CSU Breadth or IGETC

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