



Glendale Community College Engineering

Associate in Science Degree: Electrical 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 (Complete 12 units from the following)		
ENGR 100	Introduction to Engineering	3
ENGR 125	Programming Concepts and Methodologies for Engineers	4
ENGR 132	Introduction to Digital Electronics	4
ENGR 140	Materials Science and Engineering	3
ENGR 152	Engineering Mechanics – Statics	3
ENGR 240	Electrical Engineering Fundamentals ³	4
Total Units		37
Plus General Education Units (estimated)		28
Total for AS Degree		65

NOTES

1. MATH 105, MATH 108, and CHEM 101 courses are recommended before transfer.
2. ENGR 240 is strongly recommended for Electrical Engineering majors.
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

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