



Glendale Community College Engineering

Associate in Science Degree: Mechanical Engineering

MATH	Description	Units
MATH 103	Calculus with Analytic Geometry	5
MATH 104	Calculus with Analytic Geometry	5
PHYSICS		
PHYSICS 101	Engineering Physics	5
PHYSICS 102	Engineering Physics	5
CHEMISTRY		
CHEMISTRY 101	General Chemistry	5
ENGINEERING		
	Complete 12 units from the following	
ENGR 100	Introduction to Engineering	3
ENGR 122	Engineering Graphics ⁵	3
ENGR 152	Engineering Mechanics – Statics	3
ENGR 156	Programming and Problem Solving in MATLAB	3
ENGR 140	Materials Science and Engineering	3
ENGR 141	Materials Science and Engineering Lab	1
ENGR 230	Dynamics	3
ENGR 240	Electrical Engineering Fundamentals ³	4
ENGR 241	Strength of Materials	3
Total Units		37
Plus General Education Units (subject to confirmation)		27
Total for AS Degree		64

NOTES

1. Math 105, 108 and Physics 103 courses are recommended before transfer.
2. ENGR 152 is strongly recommended for ME majors.
3. Requires MATH 108
4. MATH 107 and CHEM 102 are recommended for transfer to UC's.
5. May substitute ENGR 101 AND ENGR 111.

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