Glendale Community College Engineering

Associate in Science Degree: Mechanical Engineering

MATH	Description	Units
MATH 103E	Calculus with Analytic Geometry	5
MATH 104E	Calculus with Analytic Geometry	5
PHYSICS		
PHY 101	Physics for Scientists and Engineers: A	5
PHY 102	Physics for Scientists and Engineers: B	5
CHEMISTRY		
CHEM 101	General Chemistry	5
ENGINEERING	**Complete 12 units from the following**	
ENGR 100	Introduction to Engineering	3
ENGR 122	Engineering Graphics	3
ENGR 133	Introduction to Engineering Design	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	4
ENGR 240	Electrical Engineering Fundamentals[3]	4
ENGR 241	Strength of Materials	4
Total Units		**37**
Plus General Education Units (estimated)		**28**
Total for AS Degree		**65**

NOTES

1. Math 105 and108 courses are recommended before transfer.
2. ENGR 152 is strongly recommended for ME 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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