**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 Graphics5 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 Fundamentals3 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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