MATHEMATICS

The role of mathematics is vital and growing, providing solutions to problems in a wide range of sciences: social, biological, physical, behavioral, and management. As a tool, mathematics is necessary for understanding and expressing ideas in science, engineering and human affairs. Mathematics is integrally related to computer science and statistics, which have proven invaluable to advancing research and modern industrial technology. The Mathematics curriculum academically prepares the student to transfer to a 4-year university to complete a Baccalaureate degree in a related discipline. Please check with a counselor for specific transfer requirements.

_____MATH 1400 - Calculus & Analytic Geometry I ................................................................. 5
_____MATH 1500 - Calculus & Analytic Geometry II ............................................................................ 5
_____MATH 2400 - Calculus & Analytic Geometry III ........................................................................... 5
_____MATH 2500 – Ordinary Differential Equations ........................................................................... 3
_____MATH 2600 - Introduction to Linear Algebra ............................................................................... 3

_____Complete one of the following classes:
    _____CSCI 1007 - Programming I ................................................................................................. 3
    _____MATH 1010 - Finite Mathematics ......................................................................................... 3
    _____MATH 1050 - Elementary Statistics ...................................................................................... 5
    _____PHYS 2105 - Mechanical Physics, Oscillations, and Waves .................................................. 4

Total Units---------------------------------------------------------------------------------------- 24-26

A grade of C or better is required for all major courses.

Updated: 05/23/12