

# MATHEMATICS (MATH)

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**MATH-00XH Introduction to Statics - (0 Credits)**

The Introduction to Statics course introduces students in the analysis of co-planar forces, moments and couples in equilibrium. It will apply mathematical applications to typical structural systems in buildings and trusses. It will study the behavior of structural materials in tension, compression, and bending, buckling, design of beams and framing loads.

**MATH-150 Algebra & Trigonometry - (3 Credits)**

Topics in algebra, trigonometry, and analytical geometry are covered.