

# GENERAL ENGINEERING TECHNOLOGY (ETD)

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## **ETD 361 STATICS (4 Hours)**

Prerequisite: MATH 112.

Force systems, moments of force, couples, equilibrium, moments of area, load diagrams, graphic and analytical methods.

## **ETD 362 MATERIAL MECHANICS (4 Hours)**

Prerequisite: ETD 361, and MATH 232.

Stress, strain, elastic constants, deflection, indeterminate loading, torsion, bending, instability and fatigue.