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| Prereq.:0300121 | Course #:0902221 | Statics [**3** – **0** – **3**] |
| Introduction to statics, basic definitions of force system, components, resultants, couples, equilibrium, structures (trusses, frames, machines), distributed load (center of area and center of gravity, areas and compound volumes), shear force and bending moment in beams, moment of inertia. |