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ME 101: Engineering Mechanics

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A2: Study of mechanics of deformable bodies and fluid mechanics's basic requirement is rigid body mechanics. It is very much required for the design, analysis of structural members, electrical devices, mechanical components, encountered in the field of engineering. It does not deform under load.

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Typically, engineering mechanics is used to analyze and predict the acceleration and deformation (both elastic and plastic) of objects under known forces (also called loads) or stresses. Subdisciplines of mechanics include Statics, the study of non-moving bodies under known loads, how forces affect static bodies

Mechanical engineering - Wikipedia

Engineering mechanics are often associated with mechanical engineers. Typically, they focus more on the scientific side of things, but many educational requirements remain the same. Read on to...

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Applied mechanics is a branch of the physical sciences and the practical application of mechanics. Pure mechanics describes the response of bodies or systems of bodies to external behavior of a body, in either a beginning state of rest or of motion, subjected to the action of forces. Applied mechanics, bridges the gap between physical theory and its application to technology. It is used in many fields of engineering, especially mechanical engineering and civil engineering; in this context, it is

Applied mechanics - Wikipedia

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