Mindluster Platform

About the course Strength of Materials in Mechanical

Strength of Materials course, in this course we explore the behavior and properties of materials under various loads and stresses in engineering applications.

Engineering Category's Courses

Course Lesson(15)

Lesson 1 : **Mechanical Engineering Ch 14 Strength of Materials 1 of 43 Basic Definition**

Lesson 2 : **Mechanical Engineering Ch 14 Strength of Materials 2 of 43 Normal Stress**

Lesson 3 : **Mechanical Engineering Ch 14 Strength of Materials 3 of 43 Sheer Stress**

Lesson 4 : **Mechanical Engineering Ch 14 Strength of Materials 4 of 43 Normal Sheer Stress**

Lesson 5 : **Mechanical Engineering Ch 14 Strength of Materials 5 of 43 Compression vs Tension**

Lesson 6 : **Mechanical Engineering Ch 14 Strength of Materials 6 of 43 A Closer Look at Stress**

Lesson 7 : **Mechanical Engineering Ch 14 Strength of Materials 7 of 43 Stress Under Loads Ex 1**

Lesson 8 : **Mechanical Engineering Ch 14 Strength of Materials 8 of 43 Find Normal Stress Ex 2**

Lesson 9 : **Mechanical Engineering Ch 14 Strength of Materials 9 of 43 Find Normal Stress Ex 3**

Lesson 10 : **Mechanical Engineering Ch 14 Strength of Materials 10 of 43 Find Normal Stress Ex 4**

Lesson 11 : **Mechanical Engineering Ch 14 Strength of Materials 11 of 43 Ave Shear Stress**

Lesson 12 :
Mechanical Engineering Ch 14 Strength of Materials 12 of 43 Stress on a Bolt Single Shear

Lesson 13 :
Mechanical Engineering Ch 14 Strength of Materials 13 of 43 Stress on a Bolt Double Shear

Lesson 14 :
Mechanical Engineering Ch 14 Strength of Materials 14 of 43 Vol Element Under Shear Force

Lesson 15 :
Mechanical Engineering Ch 14 Strength of Materials 15 of 43 Normal Shear Stress in a Beam

Related courses

Cabinetry Basics

MFT and MFT related accessories

hinges workshops

CNC Computer numerical control

Jointing Systems



for Business Contact
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