**n the Name of Who Taught Thinking**

**Course Outline**

***Strength of Materials II***

Spring 2015

Mechanical Engineering Department

Iran University of Science and Technology

Instructor:  Dr Davood Younesian

**Textbooks:**

-[Beer F.P.,](http://www.amazon.com/exec/obidos/search-handle-url/index%3Dbooks%26field-author-exact%3DSingiresu%20S.%20Rao%26rank%3D-relevance%2C%2Bavailability%2C-daterank/002-1686313-4132800) and Johnston, Jr E.R., Mechanics of Materials, Fourth Edition, McGraw-Hill, 2002. **(T)**\*

-(Late) Timoshenko S. and Gere J.M., Mechanics of Materials, Van Nostrand Reinhold Co, 1973, **(T)**

**Exercise book:**

Nash William A., Schaum's outline theory and problems of strength of materials, Schaum Pub. Co., 1983. **(T)**

**References:**

1-Hibbeler, R. C., Mechanics of Materials,1997. **(T)**

2-Shames I.H., Introduction to Solid Mechanics, Prentice Hall, 1989. **(T)**

3-Adeli H., 1000 Problems in Strength of Materials, Tehran University Press, 1976, (In Persian)

Available in Persian (Translated)

**Homework:**

REFERENCE: Beer-Johnston (5th Edition)

**SET1:** Chapter 7, **Deadline 6/2/94**

31-34-37-42-23-26-29-55-58-71-74-83-87-96-112-116-120-124-144-150-132-128-161