




GENERAL CHEMISTRY

LECTURE NO. 1

By

Dr. Reem Abdul Hakim Alrawi
PhD & MSc in Environmental Engineering
BSc in Chemical Engineering



Recourses of this course

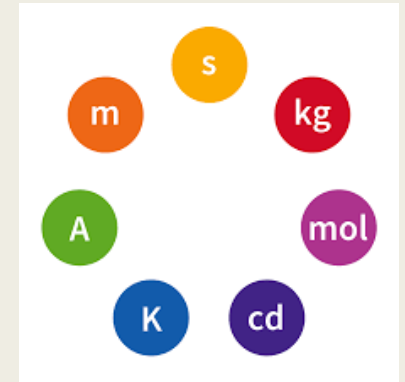
1. "Principles of General Chemistry", 3ed edition 2013. Martin S. Silberberg.
McGraw-Hill Companies, Inc.
2. "General Chemistry: Principles and Modern Applications", 10th edition, 2011.
Ralph H. Petrucci et al. Pearson Canada Inc., Toronto, Ontario.
3. "Chemistry, The Central Science", 9th edition, 2002. Theodore L. Brown et al.
Pearson College Div.

The image features two large, thick black L-shaped brackets. One is positioned in the upper-left corner, and the other is in the lower-right corner, framing the central text. The background is a light beige color with a subtle gradient.

Dimensions and Units
By Chemical State

The SI Base Units

In principle, any physical quantity can be expressed in terms of only seven *base units* called **International System of Units (SI)**



The SI base units		
length	meter	m
mass	kilogram	kg
time	second	s
temperature (absolute)	kelvin	K
amount of substance	mole	mol
electric current	ampere	A
luminous intensity	candela	cd