

KIMIA DASAR

SKS: 3(3-0)

KONTRAK KULIAH

DOSEN PENGAMPU

- Kelas A: Juliandri, Ph.D dan Prof. Dr. Tati Herlina
- Kelas B: Dr. Yusi Deawati dan Dr. Nurlelasari
- Kelas C: Dr. Diana Rakhmawaty, Dr. Darwati dan Prof. Dr. Tri Mayanti
- Kelas D: Kindi Farabi, Ph.D dan Prof. Dr. Atiek Rostika

Evaluasi

Kehadiran : $\geq 80\%$

Bobot Penilaian:

- Kuis : 10 %
- Tugas : 20%
- UTS : 35%
- UAS : 35%

Jadwal

No	Tanggal	Materi	Dosen
1.	19 Agustus 2024	- Kontrak kuliah - Atoms, Molecules and Ions (43 slide)	Prof. Dr. Tati Herlina/ Prof. Dr. Tri Mayanti (*)/ Dr. Nurlelasari/ Dr. Kindi Farabi
2.	26 Agustus 2024	- Mass Relationships in Chemical Reactions (32 slides) - Tutorial	Prof. Dr. Tati Herlina/ Prof. Dr. Tri Mayanti (*)/ Dr. Nurlelasari/ Dr. Kindi Farabi
3.	2 September 2024	- Reactions in Aqueous Solutions (43 slides) - Tutorial	Prof. Dr. Tati Herlina (*)/ Prof. Dr. Tri Mayanti/ Dr. Nurlelasari/ Dr. Kindi Farabi
4.	9 September 2024	- Gas (42 slides) - Thermochemistry (34 slides)	Juliandri, Ph.D/ Dr. Yusi Deawati (*)/ Dr. Darwati (*)/ Prof. Dr. Atiek Rostika
5.	23 September 2024	- Quantum Theory and the Electronic Structure of Atoms - (46 slides) - Periodic Relationships Among the Elements (42 slides) - Tutorial	Juliandri, Ph.D/ Dr. Yusi Deawati/ Dr. Darwati/ Prof. Dr. Atiek Rostika (*)
6.	30 September 2024	- Chemical Bonding I (32 slides) - Tutorial	Prof. Dr. Tati Herlina/ Dr. Darwati/ Dr. Nurlelasari (*)/ Dr. Kindi Farabi

JADWAL

7.	7 Oktober 2024	- Chemical Bonding II (40 slides) - Tutorial	Prof. Dr. Tati Herlina/Dr. Nurlelasari / Dr. Darwati/Kindi Farabi, Ph.D (*)
8.	14 Oktober 2024	UTS	Seluruh dosen pengampu
9.	21 Oktober 2024	- Intermolecular Forces and Liquids and Solids (53 slides) - Tutorial	Juliandri, Ph.D/Dr. Diana Rakhmawaty (*)/ Dr. Yusi Deawati/Prof. Dr. Atiek Rostika
10.	28 Oktober 2024	- Properties of Solution (32 slides) - Tutorial	Juliandri, Ph.D/Dr. Yusi Deawati (*)/ Dr. Diana Rakhmawaty/Prof. Dr. Atiek Rostika
11.	4 November 2024	- Chemical Kinetics (40 slides) - Tutorial	Juliandri, Ph.D (*)/Dr. Yusi Deawati/ Dr. Diana Rakhmawaty/Prof. Dr. Atiek Rostika
12.	11 November 2024	- Chemical Equilibrium (29 slides) - Acids and Base (43 slides)	Prof. Dr. Tati Herlina (*)/Prof. Dr. Tri Mayanti/ Dr. Nurlelasari (*)/Kindi Farabi, Ph.D
13.	18 November 2024	- Acid-Base Equilibria and Solubility Equilibria (34 slides) - Tutorial	Prof. Dr. Tati Herlina/Prof. Dr. Tri Mayanti/ Dr. Nurlelasari /Kindi Farabi, Ph.D (*)
14.	25 November 2024	- Entropi, Energi Bebas dan Kestimbangan (27 slides) - Tutorial	Juliandri, Ph.D (*)/Dr. Diana Rakhmawaty/ Dr. Yusi Deawati/Prof. Dr. Atiek Rostika
15.	2. Desember 2024	- Electrochemistry (58 slides) - Tutorial	Juliandri, Ph.D/Dr. Diana Rakhmawaty/ Dr. Yusi Deawati (*)/Prof. Dr. Atiek Rostika
16.	Minggu ke-2,3 Desember 2024	UAS	Seluruh Dosen

Buku Acuan

- | | |
|---|---|
| 1 | Chang. R. (2010). <i>General Chemistry: The Essential Concepts</i> . MacGraw Hill Company |
| 2 | Nivaldro Tro (2011). <i>Chemistry: A Molecular Approach</i> . Pearson Education Inc. |
| 3 | Brady. J.E. (2004). <i>General Chemistry</i> . John Wiley and Sons. |