**Ankara Üniversitesi
Kütüphane ve Dokümantasyon Daire Başkanlığı**

**Açık Ders Malzemeleri**

Ders izlence Formu

|  |  |
| --- | --- |
| Dersin Kodu ve İsmi | CHM101 |
| Dersin Sorumlusu | PROF.DR. MERAL KARAKIŞLA ŞAHİN |
| Dersin Düzeyi | LİSANS |
| Dersin Kredisi | Kredi: 3, AKTS . 5 |
| Dersin Türü | ZORUNLU |
| Dersin İçeriği | Chemical Basic Definitions, Fundamental Chemical Laws, Dalton’s Atomic Theory, The law of conservation of mass, The Law of Definite Prportions, The Law of Multiple ProportionsStoichiometry and Chemical Calculations, Determining Empirical and Molecular FormulasChemical EquationsAtomic Structure and PeriodicityBonding: General Concepts, Chemical Bonding and Molecular Geometry |
| Dersin Amacı | It is purpose to explain results and laws in general chemistry, To learn knowledge about the different properties of matter, to investigate chemical equations and product calculations of what may be occurring in chemstry technology by scientific ways, to determine of molcular structure by using relating models.  |
| Dersin Süresi | 4 saat/hafta |
| Eğitim Dili | İNGİLİZCE |
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| Önerilen Kaynaklar | 1-Chang, Raymond. "Hybridization of Atomic Orbitals." Physical Chemistry for the Biosciences. Sansalito, CA: University Science, 2005. 450-55.. 2-Petrucci, Ralph H. "Hybridization of Atomic Orbitals." General Chemistry: Principles and Modern Applications. 9th ed. Upper Saddle River, NJ: Pearson/Prentice Hall, 2007.  |
| Dersin Kredisi | 5 |
| Laboratuvar | -- |
| Diğer-1 |  |

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