**Ankara Üniversitesi  
Kütüphane ve Dokümantasyon Daire Başkanlığı**

**Açık Ders Malzemeleri**

Ders izlence Formu

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| Dersin Kodu ve İsmi | **PHA 156 GENERAL CHEMISTRY II** |
| Dersin Sorumlusu | Doç. Dr. İsmail Murat PALABIYIK |
| Dersin Düzeyi | LİSANS |
| Dersin Kredisi | 2 |
| Dersin Türü | ZORUNLU |
| Dersin İçeriği | In this course, the following subject are mentioned. Chemical kinetics, reaction rates, concentration from the factors affecting speed, rate equations, other factors affecting reaction rates, calculation of reaction ratings, collision theory, absolute reaction rates theory, calculations, chemical equilibrium, Le Chatelier's principle, heterogen equilibrium, electrochemistry, electrical conductivity, electrolysis and laws, galvanic cells, Nernst equation, nucleus chemistry, nuclear structure, radioactivity (nuclear stability), nuclear energy, nuclear reactions and radiochemistry. |
| Dersin Amacı | Teaches chemical kinetics, reaction grades and methods of determination. Detailed information about chemical equilibrium, electrochemistry, nuclear chemistry, radioactivity (nuclear stability) are obtained. This information is a good basis for the vocational courses that will see in the future. |
| Dersin Süresi | 2 saat /hafta |
| Eğitim Dili | İngilizce |
| Ön Koşul |  |
| Önerilen Kaynaklar | GENEL KİMYA – Prof. Dr. Feyyaz ONUR, Ankara Üniversitesi Eczacılık Fakültesi, Yayın No 110  General Chemistry: Principles and Modern Applications (10th Edition) 10th Edition, [Ralph H. Petrucci](https://www.amazon.com/s/ref=dp_byline_sr_book_1?ie=UTF8&text=Ralph+H.+Petrucci&search-alias=books&field-author=Ralph+H.+Petrucci&sort=relevancerank), [F. Geoffrey Herring](https://www.amazon.com/s/ref=dp_byline_sr_book_2?ie=UTF8&text=F.+Geoffrey+Herring&search-alias=books&field-author=F.+Geoffrey+Herring&sort=relevancerank), [Jeffry D. Madura](https://www.amazon.com/s/ref=dp_byline_sr_book_3?ie=UTF8&text=Jeffry+D.+Madura&search-alias=books&field-author=Jeffry+D.+Madura&sort=relevancerank), [Carey Bissonnette](https://www.amazon.com/s/ref=dp_byline_sr_book_4?ie=UTF8&text=Carey+Bissonnette&search-alias=books&field-author=Carey+Bissonnette&sort=relevancerank), Pearson Education, Canada, 2011 |
| Dersin Kredisi | 2 |
| Laboratuvar | - |
| Diğer-1 | - |