

**Ankara Üniversitesi**  
**Kütüphane ve Dokümantasyon Daire Başkanlığı**  
**Açık Ders Malzemeleri**

**Ders izlence Formu**

|                              |  |
|------------------------------|--|
| <b>Dersin Kodu ve İsmi</b>   | PHY111 Physics I   |
| <b>Dersin Sorumlusu</b>      | Doç.Dr. Yeşim MOĞULKOÇ   |
| <b>Dersin Düzeyi</b>         | Lisans   |
| <b>Dersin Kredisi</b>        | 3.0  |
| <b>Dersin Türü</b>           | Zorunlu  |
| <b>Dersin İçeriği</b>        | Physics and measurement, vectors, motion in one dimension, motion in two dimension, the laws of motion, circular motion and other application of Newton' s laws, energy and energy transfer, potential energy, linear momentum and collisions. |
| <b>Dersin Amacı</b>          | The fundamental concepts of the mechanics are given to the students by using mathematic language of differential and integral calculation  |
| <b>Dersin Süresi</b>         | 4x60 dk  |
| <b>Eğitim Dili</b>           | İngilizce  |
| <b>Ön Koşul</b>              | Yok  |
| <b>Önerilen Kaynaklar</b>    | -Physics for Scientists and Engineering, Raymond A. Serway<br>-Fundamentals of Physics, Halliday and Resnick<br>-Physics, Giancoli   |
| <b>Dersin Kredisi (AKTS)</b> | 5.0  |
| <b>Laboratuvar</b>           | -  |
| <b>Diğer-1</b>               | -  |