**Ankara Üniversitesi  
Kütüphane ve Dokümantasyon Daire Başkanlığı**

**Açık Ders Malzemeleri**

Ders izlence Formu

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| Dersin Kodu ve İsmi | 101617 Experiments for Radiation Detection Laboratory |
| Dersin Sorumlusu | Prof. Dr. Haluk YÜCEL |
| Dersin Düzeyi | Yüksek Lisans/Master Science |
| Dersin Kredisi | 2 |
| Dersin Türü | Deney-Laboratuvar |
| Dersin İçeriği | Beta Radiation Count With Organic Anthracene Crystal, Geiger-Mueller Counter Tests, Single Channel Analyzer and Tests with NaI(Tl) Detector, Multichannel Analyzer ve Tests with NaI(Tl) Detector, Proportional Counter for low level activity measurements, BC408 plastic scintillator,ZnS/BC400 inorganic/plastic scintillator combination counting system, Semiconductor Detector Tests (CdZnTe) |
| Dersin Amacı | The purpose of this laboratory is to gain experience and skills about radiation detection instruments to the students and instill them to use some devices such as gas filled detectors, scintillation counters, semi conductor detectors and other analog NIM modules.The capacity of this laboratory is limited to 20-25 students and taught the first half of the year 101516 Radiation Detection and Measurement Methods is to provide the practical application of the topics covered in the course. |
| Dersin Süresi | 12 hafta /12 weeks |
| Eğitim Dili | English |
| Ön Koşul | He/she should be succesful from the theoretical course on Radiation Measurement Methods Course coded 101616 |
| Önerilen Kaynaklar | 101617 EXPERIMENTS FOR RADAIATION MEASUREMENT LABORATORY COURSE FULL TEXT DOCUMENT prepared by Haluk Yücel, et al.  (Rev. 0 Rev. Date: 01.03.2016) |
| Dersin Kredisi | Ulusal 2/( AKTS |
| Laboratuvar | Laboratuvar Dersi |
| Diğer-1 | - |