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| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **Dersin Adı** | | **Kodu** | **Yarıyıl** | **T+U** | **Kredi** | **AKTS** | | **Ticari Matematik** | |  | 3 | 3+0 | 3 | 3 | | Ön koşul Dersler |  | | | | | | | Dersin Dili | Türkçe | | | | | | | Dersin Türü | Zorunlu | | | | | | | Dersin Koordinatörü |  | | | | | | | Dersi Veren |  | | | | | | | Dersin Yardımcıları |  | | | | | | | Dersin Amacı | Bu derste; oran- orantı, yüzde binde hesapları, alış, maliyet, satış ve kar hesapları, oranlı bölme kavramı ve şirketlerdeki kar ve zararın hesaplanması, karışım ve bileşen problemlerini çözmeyi öğrenmektir. | | | | | | | Dersin Öğrenme Çıktıları | Bu dersin sonunda öğrenci;  1-Oran- orantı hesaplamaları yapabilir.  2-Yüzde hesapları yapabilir.  3-Alış, maliyet, satış ve kar hesapları yapabilir.  4-Karışım, bileşim ve alaşım problemlerini çözebilir.  5-Faiz ve iskonto hesaplarını yapabilir. | | | | | | | Dersin İçeriği | Oran-orantı, yüzde hesaplamaları, kar-zarar hesaplamaları, oranlı bölme hesaplamaları, karışım, bileşim hesaplamaları, faiz hesaplamaları. | | | | | | | **Haftalar** | **Konular** | | | | | | | 1 | Oran-Orantı | | | | | | | 2 | Oran-Orantı | | | | | | | 3 | Yüzde Hesaplamaları | | | | | | | 4 | Yüzde Hesaplamaları | | | | | | | 5 | Kar-Zarar Hesaplamaları | | | | | | | 6 | Kar-Zarar Hesaplamaları | | | | | | | 7 | Oranlı Bölme Hesaplamaları | | | | | | | 8 | Oranlı Bölme Hesaplamaları | | | | | | | 9 | Karışım, Bileşim Hesaplamları | | | | | | | 10 | Karışım, Bileşim Hesaplamları | | | | | | | 11 | Faiz Hesaplamaları | | | | | | | 12 | Faiz Hesaplamaları | | | | | | | 13 | Faiz Hesaplamaları | | | | | | | 14 | Genel Tekrar | | | | | |  |  | | --- | | **Genel Yeterlilikler** | | Öğrencilerden bu dersin ana konularını anlamaları ve alanları ile uygulamalarında kullanmaları beklenir. | | **Kaynaklar** | | Çetiner, E. (2007). *Ticari ve mali matematik*. Ankara, Gazi Yayınevi.  Kömürcü, C. (2009). *Ticari matematik*. Özbaran-Ofset.  Küçük, Y. Üreyen, M. Orhan, Ö. Şenel, M. Özer, O. ve Azcan, H. (2001), *Genel matematik*. Eskişehir, Anadolu Üniversitesi Yayını. | | **Değerlendirme Sistemi** | | Dönem başında ders izlencelerinde belirtilir. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **PROGRAM ÖĞRENME ÇIKTILARI İLE**  **DERS ÖĞRENİM ÇIKTILARI İLİŞKİSİ TABLOSU** | | | | | | | | | | | | | | | | |  | **PÇ1** | | **PÇ2** | **PÇ3** | | **PÇ4** | **PÇ5** | | **PÇ6** | **PÇ7** | | **PÇ8** | **PÇ9** | | **PÇ10** | | **ÖÇ1** | - | | 1 | - | | - | - | | 1 | - | | 5 | - | | 1 | | **ÖÇ2** | - | | 1 | - | | - | - | | 1 | - | | 5 | - | | 1 | | **ÖÇ3** | - | | 1 | - | | - | - | | 1 | - | | 5 | - | | 1 | | **ÖÇ4** | - | | 1 | - | | - | - | | 1 | - | | 5 | - | | 1 | | **ÖÇ5** | - | | 1 | - | | - | - | | 1 | - | | 5 | - | | 1 | | **ÖÇ: Öğrenme Çıktıları PÇ: Program Çıktıları** | | | | | | | | | | | | | | | | | **Katkı**  **Düzeyi** | | **1 Çok Düşük** | | | **2 Düşük** | | | **3 Orta** | | | **4 Yüksek** | | | **5 Çok Yüksek** | |   Program Çıktıları ve İlgili Dersin İlişkisi   |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Ders** | **PÇ1** | **PÇ2** | **PÇ3** | **PÇ4** | **PÇ5** | **PÇ6** | **PÇ7** | **PÇ8** | **PÇ9** | **PÇ10** | | **Ticari Matematik** | - | 1 | - | - | - | 1 | - | 5 | - | 1 | |