**Ankara Üniversitesi**

**Kütüphane ve Dokümantasyon Daire Başkanlığı**

**Açık Ders Malzemeleri**

### Çalışma Planı (Çalışma Takvimi)

| **Haftalar** | **Haftalık Konu Başlıkları** |
| --- | --- |
| 1.Hafta |  |
| * Milk composition |
| * Carbohydrates, Lipds, Proteins in milk * Enzymes, Minerals, Vitamins in milk |
| 2.Hafta | * Factors effecting milk quality and quantity |
| * Species, Breed, Age, Stage of lactation, Dry period, Pregnancy, Seasonal differences |
| * Maintanance conditions, Feed and water supply, Milking intervals, Milking frequency,   Diseases, Stress, Other management factors effecting milk quality and quantity |
| 3.Hafta |  |
| * Characteristics of milk |
| * Physical and chemical properties of milk |
|  |
| 4.Hafta |  |
| * Definition of abnormal milk |
| * Colostrum |
| * Milk remaining in mammailla |
| * Milk at End of the Lactation period |
| * Milk with Antibiotic Residues |
| * Milk with Mastitis |
| 5.Hafta |  |
| * Drinking milk technology |
| * Pasteurization |
| * Types of Pasteurization |
| * UHT technology |
|  |
| 6.Hafta |  |
| * Cheese technology 1 |
| * Cheese types |
| * Principles of cheese production |
|  |
| 7.Hafta |  |
| * Cheese technology 2 |
| * Production of cheese |
| * Bactofugation |
| * Microfiltration |
| * Additives in cheese milk |
| 8.hafta |  |
| * Yoghurt technolgy |
| * Starter cultures’ symbiotic relations in yoghurt |
|  |
| 9.Hafta |  |
| * Microbiological safey of milk |
| * Microbial and Chemical hazards arising from milk products |
|  |
| 10.Hafta | * HACCP principles |
| * Biological, Chemical and Physical hazards |
| * HACCP in milk industry |
|  |
| 11.Hafta |  |
| * History of Kefir |
| * Kefir production |
| * Health benefits of Kefir |
|  |
| 12.Hafta |  |
| * Butter varieties |
| * Butter technolgy |
|  |
| 13.Hafta |  |
| * Waste Characteristics of Dairy Industry and Their Treatment |
| * Wastewater generation |
| * Sources of wastewater |
| * Treatment methods |
| 14.Hafta |  |
| * Milk Powder |
| * Dried milk products |
|  |