**Ankara Üniversitesi**

**Kütüphane ve Dokümantasyon Daire Başkanlığı**

**Açık Ders Malzemeleri**

### Çalışma Planı (Çalışma Takvimi)

| **Haftalar** | **Haftalık Konu Başlıkları**  |
| --- | --- |
| 1.Hafta | Introduction to the Textile Fiber: Basic concepts of textile fibers, classifications |
| 2.Hafta | Polymers: The types, properties and synthesis of polymers |
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| 4.Hafta | Properties of fibers: The geometric, chemical and physical properties of fibers. |
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| 6.Hafta | The structure of polymers for production of fibers: Cristalinity, orientation, tensile strength procedures, molecular weight and chain structure, lineer symmetry, molecular flexibility. |
| 7.Hafta | Natural fibers: Animal fibers, vegetal fibers, anorganic fibers. |
| 8.hafta | Natural fibers:Animal fibers, vegetal fibers, anorganic fibers. |
| 9.Hafta | Semi synthetic fibers: Regenerated cellulosic fibers, cellulosic fibers, regenerated protein fibers. |
| 10.Hafta | Synthetic fibers: Polyamide fibers, polyester fibers, acrylic and modacrylic fibers, olefin fibers, vinyl and vinylidene fibers, elastomeric fibers. |
| 11.Hafta | Fiber spinning methods: Melt spinning, dry spinning, wet spinning. |
| 12.Hafta | Fiber spinning methods: Melt spinning, dry spinning, wet spinning. |
| 13.Hafta | Analyses of fibers: preliminary tests, burning tests, spaining tests, microscopic investigations, solubility tests. |
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